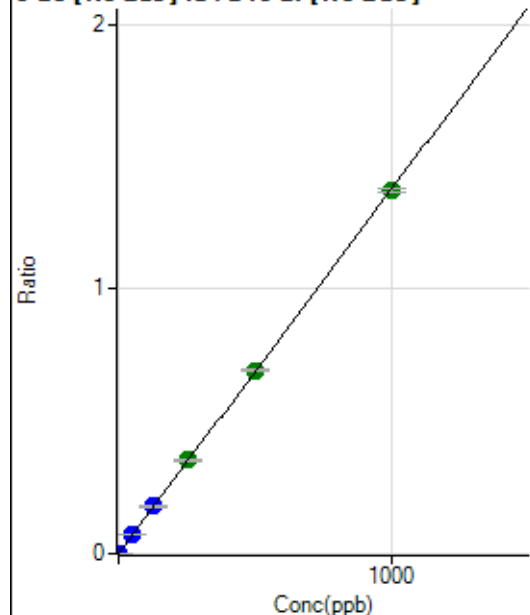


Calibration for 005CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8050525MS.b\
 Analysis File: P8050525MS.batch.bin
 DA Date-Time: 2025-05-05 12:45:37
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-05-05 12:14:53
2	006CALS.d	S02	2025-05-05 12:21:34
3	007CALB.d	S03	2025-05-05 12:24:54
4	008CALS.d	S04	2025-05-05 12:27:56
5	009CALS.d	S05	2025-05-05 12:30:51
6	010CALS.d	S06	2025-05-05 12:33:38
7	011CALS.d	S07	2025-05-05 12:36:24
8	012CALS.d	S08	2025-05-05 12:39:12

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	102.93	0.0000	P	9.5
2	☐	1.000	1.125	6164.95	0.0016	P	3.0
3	☐	50.000	53.173	279460.12	0.0733	P	2.2
4	☐	125.000	129.813	679131.77	0.1789	P	2.0
5	☐	250.000	257.570	1292975.86	0.3550	A	1.6
6	☐	500.000	503.531	2501483.02	0.6940	A	0.7
7	☐	1000.000	995.581	4737301.75	1.3721	A	1.1
8	☐			690.65	0.0002	P	14.5

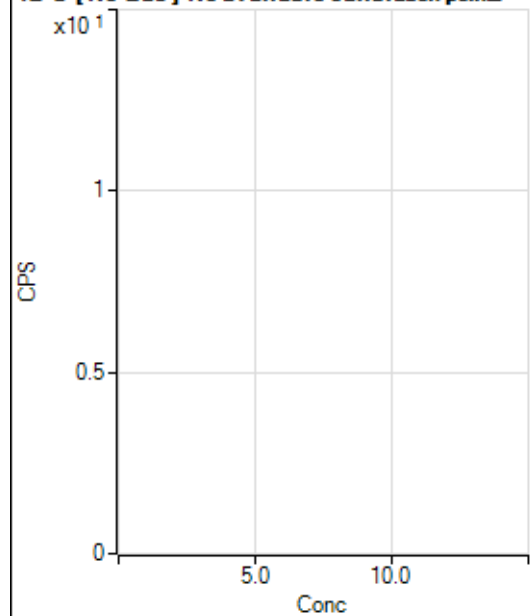
$$y = 0.0014 * x + 2.6320E-005$$

$$R = 1.0000$$

$$DL = 0.005421$$

Weight: <None>

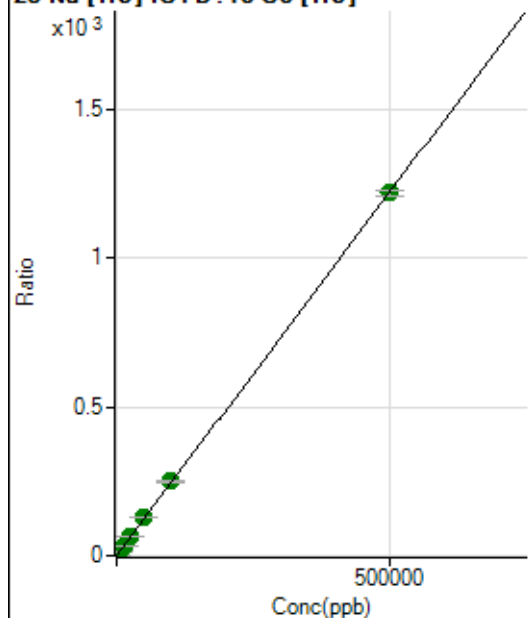
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			2717148.50		A	0.3
2	☐			2852057.91		A	0.8
3	☐			2937124.47		A	0.4
4	☐			2972653.74		A	0.5
5	☐			3056577.66		A	0.4
6	☐			3245035.72		A	3.1
7	☐			4036981.99		A	4.3
8	☐			3101269.40		A	0.9

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19154.79		P	0.6
2	☐			19831.25		P	2.0
3	☐			20706.89		P	0.4
4	☐			20930.51		P	1.3
5	☐			22579.66		P	0.5
6	☐			25297.38		P	0.6
7	☐			34001.59		P	1.9
8	☐			28747.01		P	0.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	29715.83	0.1602	P	0.2
2	☐	500.000	562.387	282837.35	1.5325	P	0.7
3	☐	5000.000	5319.104	2361758.00	13.1393	A	0.3
4	☐	12500.000	13149.229	5531769.71	32.2456	A	0.9
5	☐	25000.000	26136.104	10561946.99	63.9349	A	0.3
6	☐	50000.000	52476.746	20694643.17	128.2087	A	2.1
7	☐	100000.00	102250.33	41326829.38	249.6612	A	0.9
8	☐	500000.00	499225.96	202339272.5	1,218.321	A	1.8

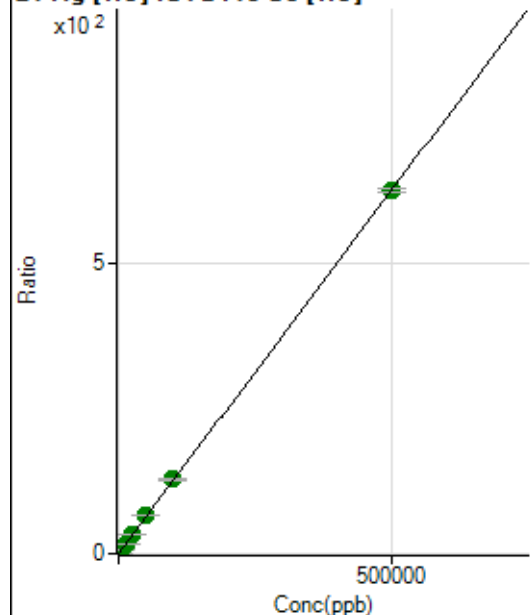
$$y = 0.0024 * x + 0.1602$$

$$R = 1.0000$$

$$DL = 0.3318$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	453.35	0.0024	P	6.3
2	☐	500.000	567.559	131309.71	0.7115	P	0.6
3	☐	5000.000	5304.339	1191534.34	6.6289	A	0.1
4	☐	12500.000	13264.130	2842822.42	16.5728	A	1.0
5	☐	25000.000	26247.160	5417132.45	32.7920	A	1.1
6	☐	50000.000	52416.894	10570136.79	65.4848	A	1.5
7	☐	100000.00	101944.10	21081835.94	127.3572	A	0.2
8	☐	500000.00	499284.91	103595166.2	623.7394	A	1.2

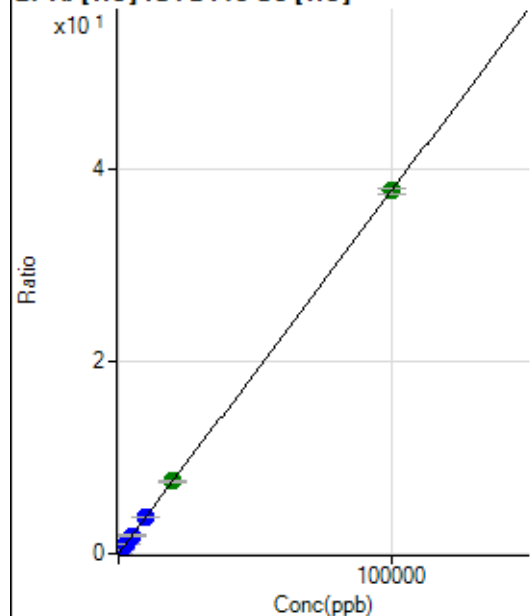
$$y = 0.0012 * x + 0.0024$$

$$R = 1.0000$$

$$DL = 0.3714$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	185.56	0.0010	P	15.7
2	☐	20.000	20.416	1607.88	0.0087	P	3.4
3	☐	1000.000	1013.457	68980.32	0.3838	P	1.1
4	☐	2500.000	2550.281	165395.44	0.9642	P	1.0
5	☐	5000.000	5017.326	313204.07	1.8959	P	0.9
6	☐	10000.000	9970.160	607988.87	3.7665	P	0.5
7	☐	20000.000	19976.928	1249084.18	7.5459	A	1.3
8	☐	100000.00	100005.34	6273470.95	37.7711	A	1.3

$$y = 3.7768E-004 * x + 0.0010$$

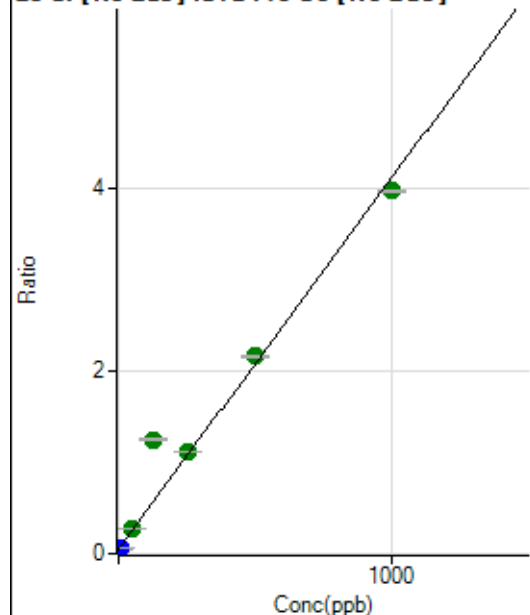
$$R = 1.0000$$

$$DL = 1.247$$

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	491108.12	0.0490	P	2.4
2	☐	10.000	2.626	587730.39	0.0597	P	2.9
3	☐	50.000	53.411	2577401.20	0.2658	A	0.3
4	☐	125.000	295.043	11777560.38	1.2467	A	1.0
5	☐	250.000	262.766	10236693.88	1.1156	A	0.6
6	☐	500.000	519.617	19170505.13	2.1583	A	1.0
7	☐	1000.000	965.648	35103630.03	3.9688	A	0.4
8	☐			663180.06	0.0755	P	4.5

$$y = 0.0041 * x + 0.0490$$

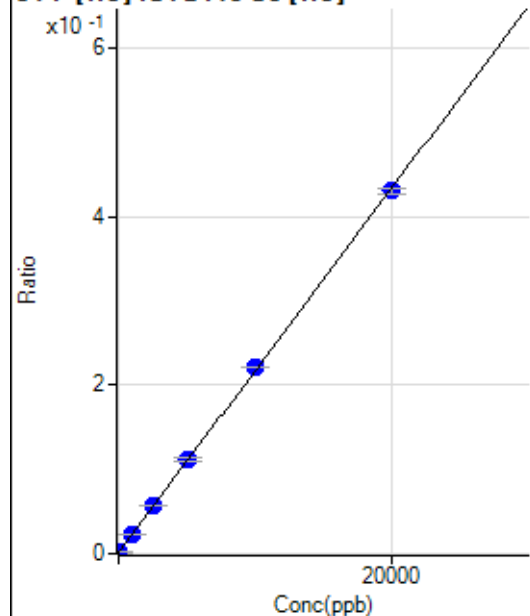
$$R = 0.9833$$

$$DL = 0.8748$$

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	-16.077	136.67	0.0007	P	14.5
2	☐	0.000	16.077	264.45	0.0014	P	5.7
3	☐	1000.000	1033.797	4218.43	0.0235	P	3.9
4	☐	2500.000	2577.802	9760.01	0.0569	P	1.1
5	☐	5000.000	5130.376	18528.62	0.1122	P	2.9
6	☐	10000.000	10185.402	35772.96	0.2216	P	0.4
7	☐	20000.000	19863.290	71369.86	0.4312	P	1.3
8	☐			144.45	0.0009	P	17.4

$$y = 2.1652E-005 * x + 0.0011$$

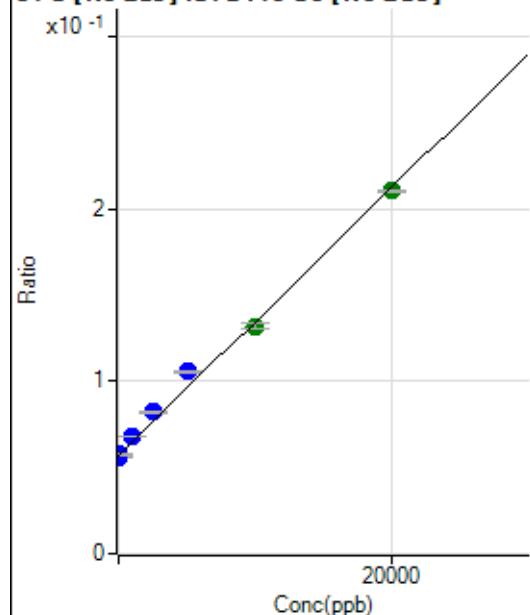
$$R = 0.9999$$

$$DL = 13.03$$

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	-103.329	563353.91	0.0562	P	0.6
2	☐	0.000	103.329	569612.68	0.0578	P	1.4
3	☐	1000.000	1453.449	662446.25	0.0683	P	0.3
4	☐	2500.000	3263.966	778338.21	0.0824	P	1.3
5	☐	5000.000	6268.466	970219.13	0.1057	P	1.0
6	☐	10000.000	9632.292	1171406.22	0.1319	A	2.3
7	☐	20000.000	19748.569	1861909.45	0.2105	A	0.4
8	☐			454242.56	0.0517	P	1.0

$$y = 7.7712\text{E-}006 * x + 0.0570$$

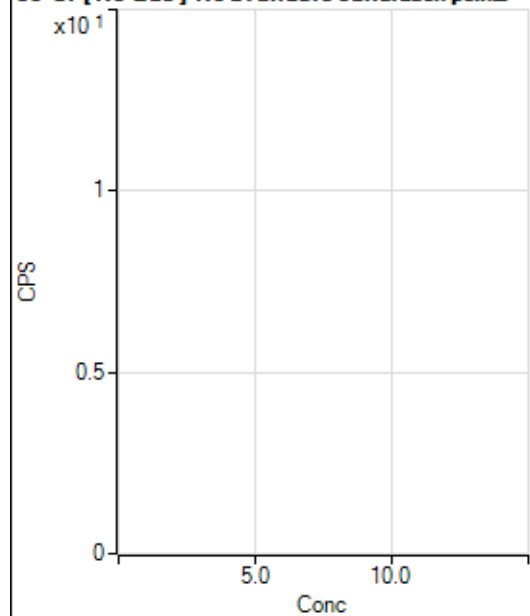
$$R = 0.9970$$

$$DL = 223.1$$

Weight: <None>

Min Conc: 0

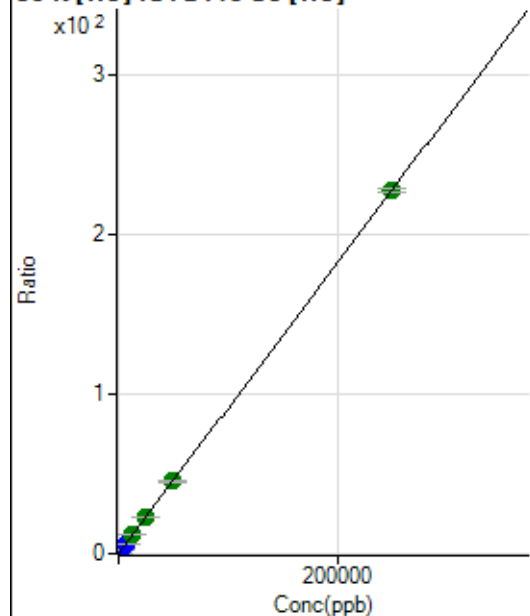
35 Cl [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			177868.06		P	0.5
2	☐			210919.35		P	0.6
3	☐			220692.24		P	1.1
4	☐			224560.62		P	1.8
5	☐			228100.75		P	2.4
6	☐			214847.96		P	2.2
7	☐			228889.99		P	2.7
8	☐			174339.36		P	1.8

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			755.58		P	6.8
2	☐			877.82		P	5.1
3	☐			845.59		P	11.1
4	☐			871.15		P	8.1
5	☐			994.49		P	5.9
6	☐			906.70		P	8.1
7	☐			1017.82		P	5.0
8	☐			765.58		P	12.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	14125.87	0.0762	P	0.9
2	☐	500.000	532.920	103431.51	0.5604	P	0.6
3	☐	2500.000	2594.990	437541.09	2.4342	P	0.4
4	☐	6250.000	6426.181	1014730.15	5.9156	P	1.4
5	☐	12500.000	12963.766	1958666.71	11.8563	A	0.8
6	☐	25000.000	25439.883	3743907.34	23.1933	A	0.3
7	☐	50000.000	49664.728	7483247.18	45.2064	A	0.9
8	☐	250000.00	249994.45	37743567.49	227.2457	A	1.0

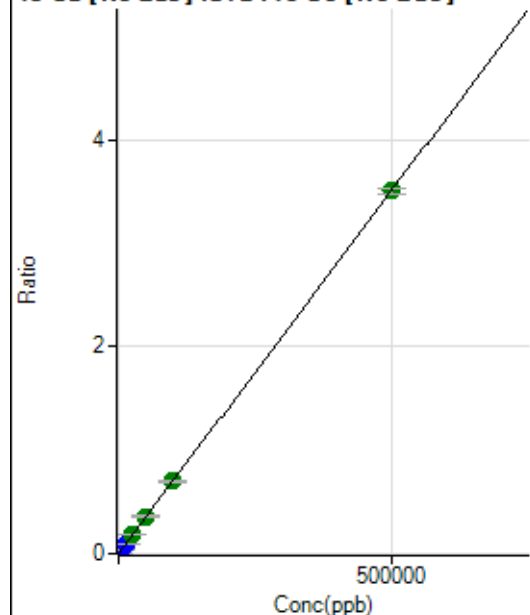
$$y = 9.0870E-004 * x + 0.0762$$

$$R = 1.0000$$

$$DL = 2.181$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1665.67	0.0002	P	4.8
2	☐	500.000	553.782	39921.94	0.0041	P	2.4
3	☐	5000.000	5220.739	356926.50	0.0368	P	1.0
4	☐	12500.000	12783.498	849267.68	0.0899	P	0.4
5	☐	25000.000	25821.302	1664605.98	0.1814	A	0.5
6	☐	50000.000	51505.090	3212783.95	0.3617	A	0.8
7	☐	100000.00	99967.931	6208760.53	0.7019	A	1.3
8	☐	500000.00	499805.49	30821067.87	3.5085	A	1.3

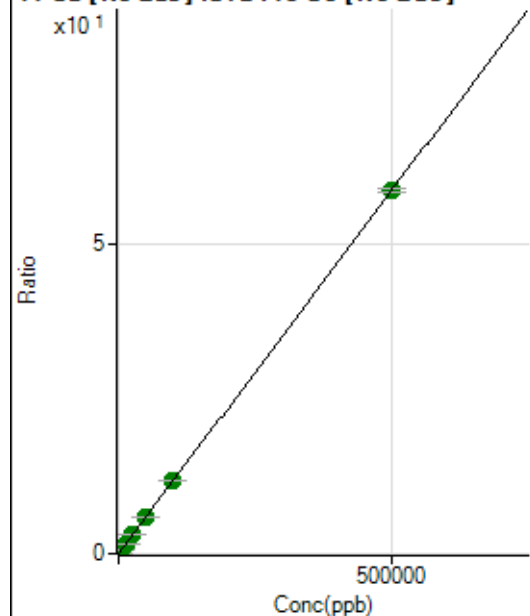
$$y = 7.0194\text{E-}006 * x + 1.6623\text{E-}004$$

$$R = 1.0000$$

$$DL = 3.43$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	53969.49	0.0054	P	1.4
2	☐	500.000	544.542	682522.86	0.0693	P	0.9
3	☐	5000.000	5225.631	5998201.02	0.6186	A	0.6
4	☐	12500.000	12693.647	14123528.96	1.4951	A	1.1
5	☐	25000.000	25439.709	27442934.04	2.9909	A	0.5
6	☐	50000.000	50364.759	52548269.21	5.9160	A	1.4
7	☐	100000.00	100433.77	104305515.1	11.7918	A	1.0
8	☐	500000.00	499847.64	515374405.6	58.6653	A	1.0

$$y = 1.1736\text{E-}004 * x + 0.0054$$

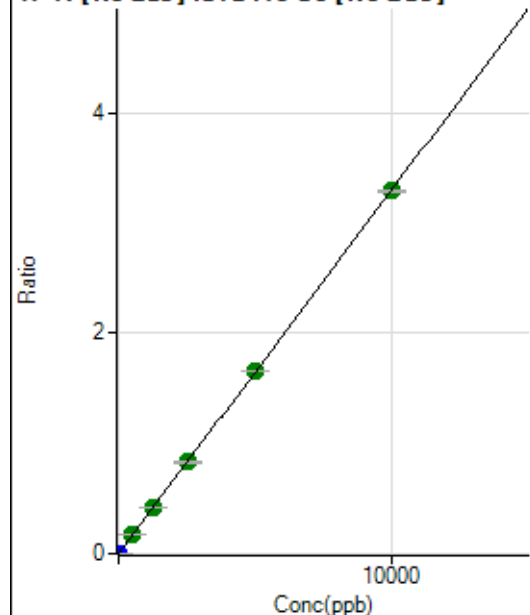
$$R = 1.0000$$

$$DL = 1.967$$

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	280.00	0.0000	P	7.3
2	☐	5.000	5.557	18307.30	0.0019	P	1.0
3	☐	500.000	531.075	1696683.72	0.1750	A	0.8
4	☐	1250.000	1261.925	3927834.21	0.4158	A	0.6
5	☐	2500.000	2518.370	7613146.48	0.8297	A	0.7
6	☐	5000.000	5021.005	14693626.73	1.6542	A	0.8
7	☐	10000.000	9981.860	29089012.62	3.2886	A	0.4
8	☐			2987.01	0.0003	P	3.2

$$y = 3.2946\text{E-}004 * x + 2.7937\text{E-}005$$

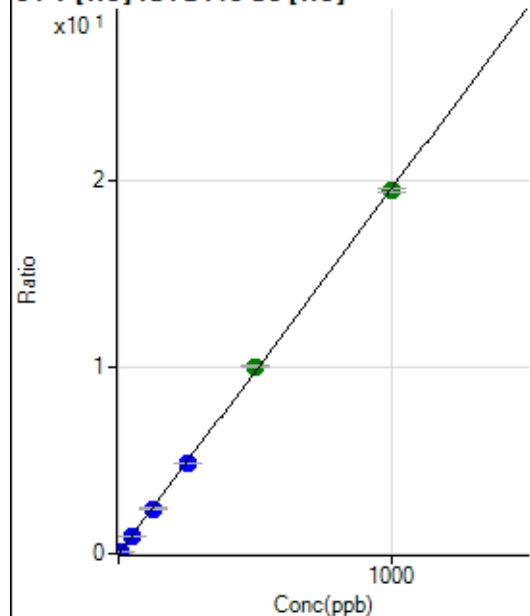
$$R = 1.0000$$

$$DL = 0.01849$$

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	10.00	0.0001	P	57.4
2	☐	5.000	5.364	19394.34	0.1051	P	1.4
3	☐	50.000	49.768	175187.20	0.9746	P	0.6
4	☐	125.000	123.619	415259.57	2.4208	P	1.1
5	☐	250.000	246.344	796927.70	4.8241	P	0.7
6	☐	500.000	512.990	1621568.36	10.0457	A	0.7
7	☐	1000.000	994.601	3224026.38	19.4769	A	1.2
8	☐			836.70	0.0050	P	1.3

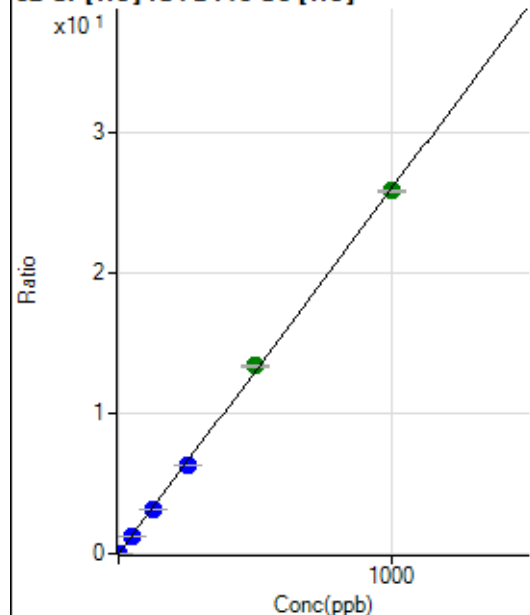
$$y = 0.0196 * x + 5.3744\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.004729$$

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	1025.60	0.0055	P	3.5
2	☐	2.000	2.138	11267.86	0.0611	P	1.4
3	☐	50.000	49.422	231728.56	1.2892	P	0.6
4	☐	125.000	121.395	541808.00	3.1586	P	1.5
5	☐	250.000	243.266	1044714.78	6.3240	P	0.3
6	☐	500.000	515.431	2161858.44	13.3931	A	1.0
7	☐	1000.000	994.447	4276514.73	25.8348	A	0.3
8	☐			37895.70	0.2282	P	1.2

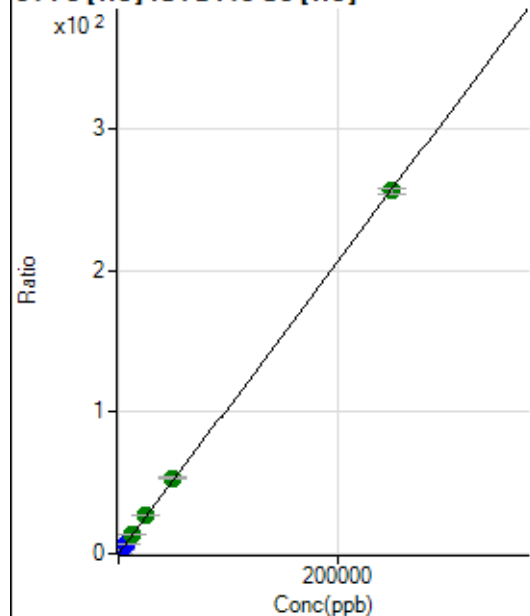
$$y = 0.0260 * x + 0.0055$$

$$R = 0.9998$$

$$DL = 0.02237$$

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	490.01	0.0026	P	5.8
2	☐	50.000	58.683	11601.48	0.0629	P	1.0
3	☐	2500.000	2644.947	488336.42	2.7168	P	0.9
4	☐	6250.000	6523.997	1148842.20	6.6974	P	1.0
5	☐	12500.000	13487.282	2286794.88	13.8429	A	0.9
6	☐	25000.000	26688.751	4421242.05	27.3899	A	0.4
7	☐	50000.000	52128.182	8855082.85	53.4951	A	0.9
8	☐	250000.00	249347.82	42498159.37	255.8761	A	1.2

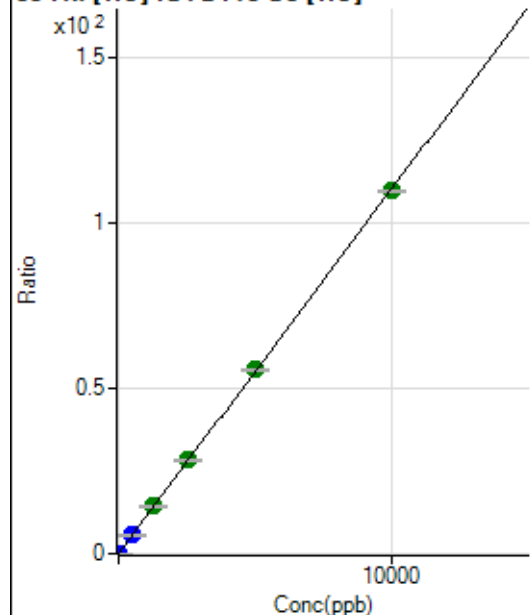
$$y = 0.0010 * x + 0.0026$$

$$R = 0.9999$$

$$DL = 0.4473$$

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	4486.30	0.0242	P	0.9
2	☐	1.000	1.022	6537.11	0.0354	P	1.5
3	☐	500.000	500.088	992764.97	5.5231	P	1.2
4	☐	1250.000	1297.504	2451351.27	14.2915	A	2.8
5	☐	2500.000	2559.955	4654230.14	28.1734	A	0.6
6	☐	5000.000	5049.094	8965806.25	55.5440	A	0.7
7	☐	10000.000	9954.522	18123240.84	109.4840	A	0.3
8	☐			12143.03	0.0731	P	2.3

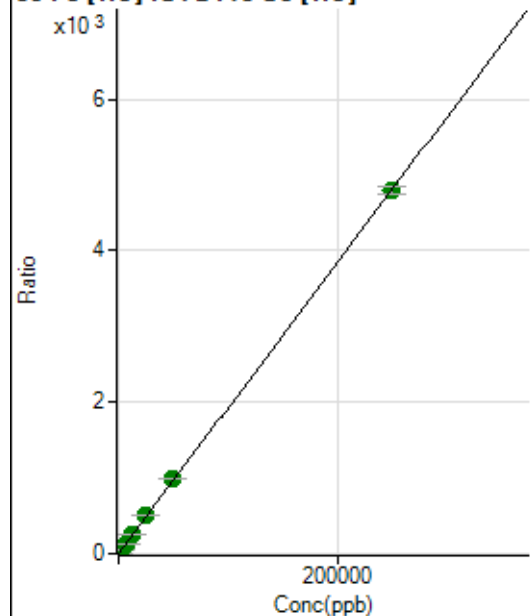
$$y = 0.0110 * x + 0.0242$$

$$R = 1.0000$$

$$DL = 0.05844$$

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	5062.06	0.0273	P	2.9
2	☐	50.000	55.695	202187.64	1.0955	P	1.0
3	☐	2500.000	2625.009	9054585.07	50.3745	A	0.9
4	☐	6250.000	6554.524	21569566.35	125.7418	A	0.8
5	☐	12500.000	13187.239	41788044.10	252.9560	A	0.3
6	☐	25000.000	26142.342	80942358.24	501.4324	A	1.0
7	☐	50000.000	51027.630	162012268.7	978.7274	A	0.2
8	☐	250000.00	249637.01	795173925.9	4788.017	A	2.0

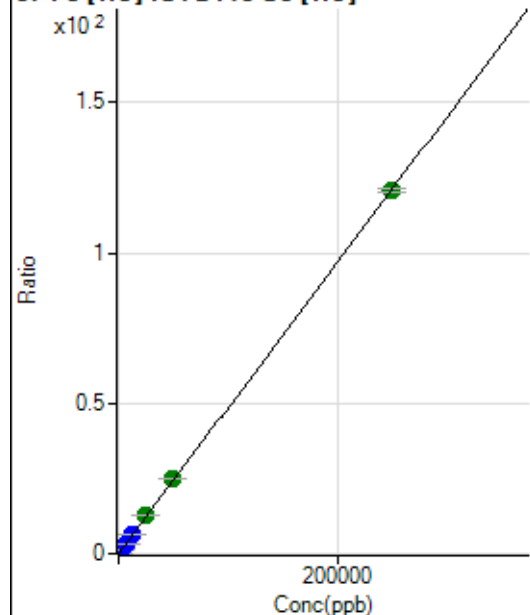
$$y = 0.0192 * x + 0.0273$$

$$R = 1.0000$$

$$DL = 0.122$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	122.22	0.0007	P	26.4
2	☐	50.000	55.794	5098.74	0.0276	P	2.9
3	☐	2500.000	2558.353	222392.61	1.2372	P	0.5
4	☐	6250.000	6362.311	527638.76	3.0759	P	0.6
5	☐	12500.000	12709.431	1014944.79	6.1438	P	0.5
6	☐	25000.000	26984.590	2105530.96	13.0437	A	0.8
7	☐	50000.000	51399.834	4112629.56	24.8449	A	0.5
8	☐	250000.00	249507.71	20030931.23	120.6010	A	0.9

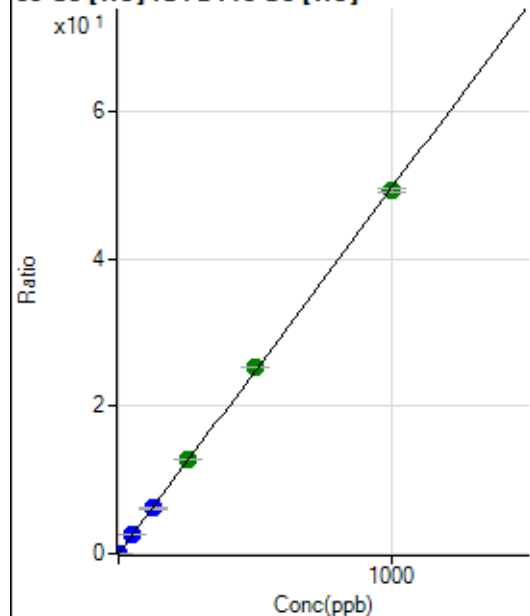
$$y = 4.8335E-004 * x + 6.5855E-004$$

$$R = 1.0000$$

$$DL = 1.081$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	113.34	0.0006	P	21.0
2	☐	1.000	1.137	10505.06	0.0569	P	1.5
3	☐	50.000	50.224	447270.99	2.4883	P	0.2
4	☐	125.000	123.941	1053177.48	6.1397	P	1.1
5	☐	250.000	257.963	2110942.26	12.7782	A	0.5
6	☐	500.000	510.917	4085173.03	25.3076	A	0.6
7	☐	1000.000	992.672	8139412.66	49.1702	A	1.2
8	☐			17075.92	0.1028	P	3.8

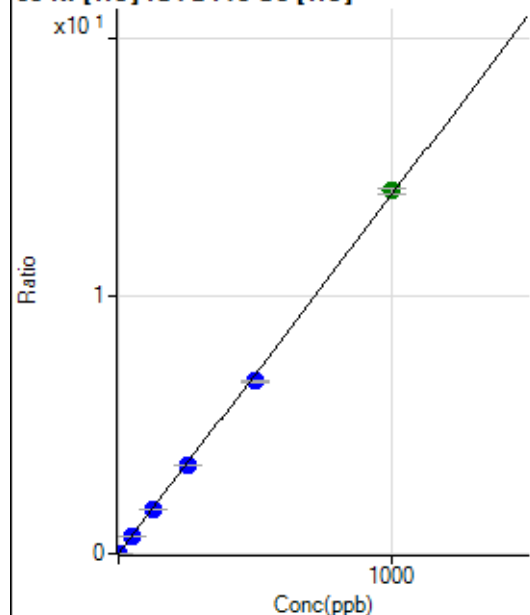
$$y = 0.0495 * x + 6.1132E-004$$

$$R = 0.9999$$

$$DL = 0.007763$$

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	326.67	0.0018	P	4.3
2	☐	1.000	1.140	3255.96	0.0176	P	1.8
3	☐	50.000	50.021	125560.17	0.6985	P	0.7
4	☐	125.000	125.041	299095.51	1.7436	P	0.4
5	☐	250.000	245.175	564485.24	3.4170	P	0.4
6	☐	500.000	479.825	1079195.45	6.6856	P	0.3
7	☐	1000.000	1011.288	2332218.02	14.0889	A	1.6
8	☐			10957.63	0.0660	P	1.3

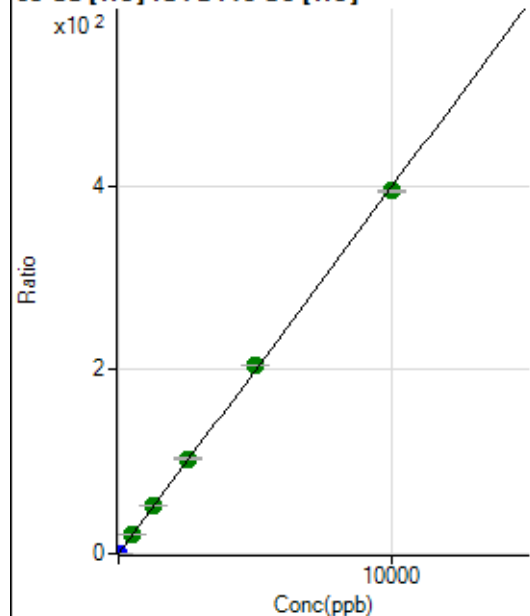
$$y = 0.0139 * x + 0.0018$$

$$R = 0.9997$$

$$DL = 0.01616$$

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	1116.73	0.0060	P	8.6
2	☐	2.000	2.395	18712.42	0.1014	P	1.5
3	☐	500.000	530.988	3802551.16	21.1549	A	0.7
4	☐	1250.000	1299.264	8878482.78	51.7549	A	1.6
5	☐	2500.000	2593.898	17068325.16	103.3193	A	0.9
6	☐	5000.000	5146.771	33090744.79	204.9986	A	0.3
7	☐	10000.000	9895.433	65241896.25	394.1348	A	0.4
8	☐			19344.39	0.1165	P	0.6

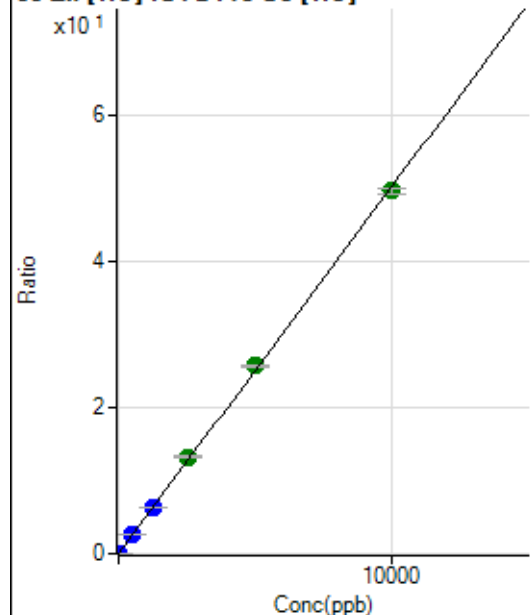
$$y = 0.0398 * x + 0.0060$$

$$R = 0.9998$$

$$DL = 0.03921$$

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	704.47	0.0038	P	2.7
2	☐	5.000	5.486	5789.02	0.0314	P	2.7
3	☐	500.000	516.084	466830.65	2.5972	P	0.8
4	☐	1250.000	1271.701	1096841.48	6.3942	P	1.1
5	☐	2500.000	2647.870	2198729.08	13.3096	A	0.6
6	☐	5000.000	5129.084	4161107.51	25.7779	A	0.7
7	☐	10000.000	9894.973	8231326.34	49.7268	A	1.4
8	☐			50047.94	0.3013	P	1.0

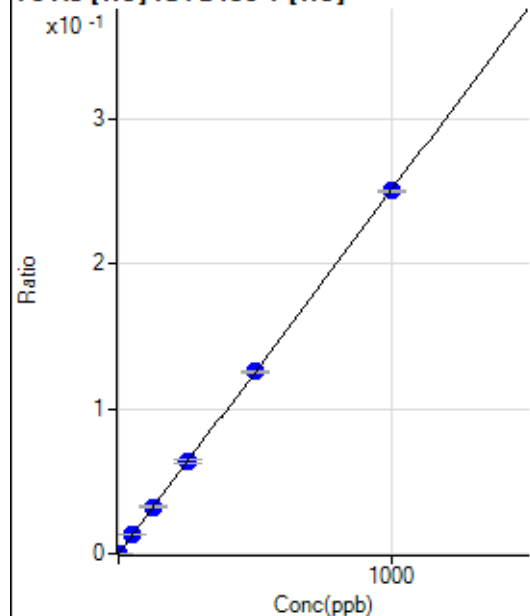
$$y = 0.0050 * x + 0.0038$$

$$R = 0.9997$$

$$DL = 0.06171$$

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	11.11	0.0000	P	120.
2	☐	1.000	1.121	673.36	0.0003	P	9.4
3	☐	50.000	52.210	30040.88	0.0131	P	1.4
4	☐	125.000	129.072	70968.62	0.0324	P	1.2
5	☐	250.000	254.689	136847.74	0.0639	P	2.8
6	☐	500.000	501.128	266274.28	0.1256	P	1.0
7	☐	1000.000	997.644	531776.69	0.2501	P	0.4
8	☐			305.57	0.0001	P	16.9

$$y = 2.5069E-004 * x + 4.6059E-006$$

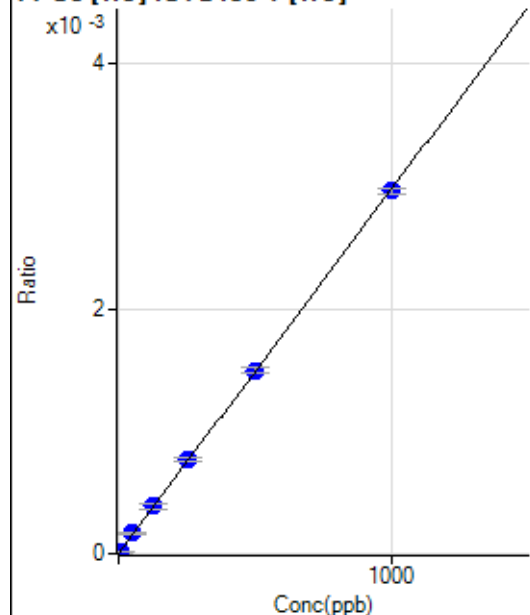
$$R = 1.0000$$

$$DL = 0.06643$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.33	0.0000	P	2.7
2	☐	5.000	4.909	37.78	0.0000	P	34.9
3	☐	50.000	57.009	392.23	0.0002	P	9.7
4	☐	125.000	130.958	856.70	0.0004	P	11.5
5	☐	250.000	258.082	1649.00	0.0008	P	3.2
6	☐	500.000	503.255	3174.83	0.0015	P	2.3
7	☐	1000.000	995.257	6295.93	0.0030	P	1.5
8	☐			4.44	0.0000	P	42.8

$$y = 2.9738\text{E-}006 * x + 1.3924\text{E-}006$$

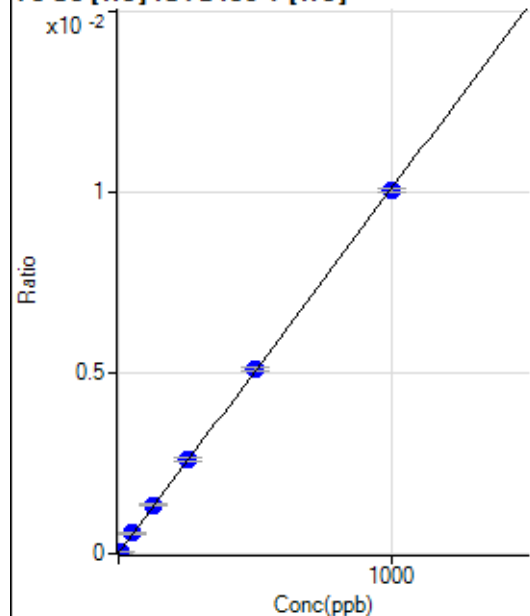
$$R = 0.9999$$

$$DL = 0.03737$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	24.44	0.0000	P	10.6
2	☐	5.000	5.791	162.23	0.0001	P	18.8
3	☐	50.000	55.607	1312.29	0.0006	P	4.7
4	☐	125.000	131.586	2938.11	0.0013	P	3.1
5	☐	250.000	259.701	5644.51	0.0026	P	3.9
6	☐	500.000	505.901	10854.27	0.0051	P	2.5
7	☐	1000.000	993.517	21362.96	0.0100	P	1.0
8	☐			26.67	0.0000	P	12.5

$$y = 1.0103\text{E-}005 * x + 1.0235\text{E-}005$$

$$R = 0.9999$$

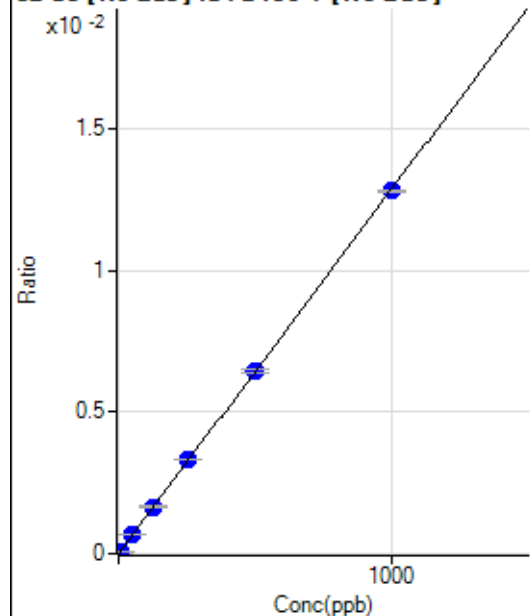
$$DL = 0.3234$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16028.14		P	1.5
2	☐			15487.54		P	0.4
3	☐			15449.72		P	2.1
4	☐			14688.90		P	0.7
5	☐			14053.83		P	2.7
6	☐			13667.88		P	3.1
7	☐			13894.78		P	0.6
8	☐			14528.71		P	3.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	51.11	0.0000	P	33.0
2	☐	5.000	5.754	2220.25	0.0001	P	4.4
3	☐	50.000	53.431	20108.28	0.0007	P	1.4
4	☐	125.000	129.161	47953.83	0.0017	P	0.9
5	☐	250.000	257.428	93178.80	0.0033	P	0.4
6	☐	500.000	503.243	179274.83	0.0065	P	2.1
7	☐	1000.000	995.826	352477.85	0.0128	P	0.6
8	☐			245.57	0.0000	P	48.6

$$y = 1.2881E-005 * x + 1.7207E-006$$

$$R = 1.0000$$

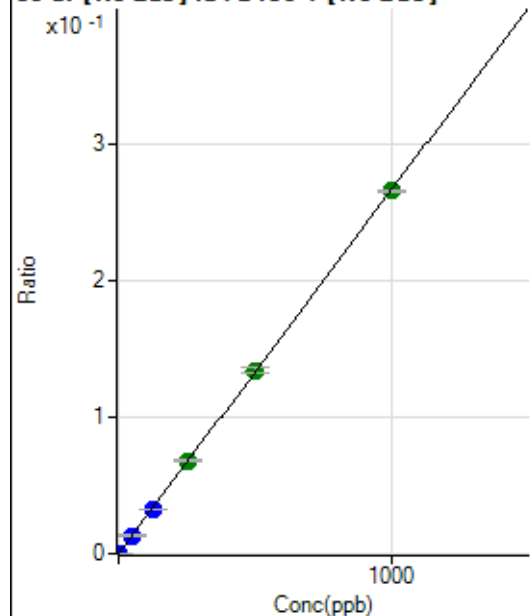
$$DL = 0.1322$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			326.68		P	4.4
2	☐			317.79		P	6.7
3	☐			328.89		P	1.2
4	☐			322.23		P	6.2
5	☐			313.34		P	16.9
6	☐			322.23		P	16.2
7	☐			326.67		P	8.0
8	☐			394.46		P	7.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	612.24	0.0000	P	6.4
2	☐	1.000	1.074	8995.17	0.0003	P	1.9
3	☐	50.000	49.936	389221.62	0.0134	P	0.8
4	☐	125.000	122.267	940689.32	0.0327	P	0.7
5	☐	250.000	254.579	1909901.52	0.0680	A	1.4
6	☐	500.000	504.254	3723492.48	0.1347	A	2.4
7	☐	1000.000	997.073	7315745.24	0.2663	A	0.5
8	☐			23453.07	0.0009	P	0.4

$$y = 2.6702E-004 * x + 2.0573E-005$$

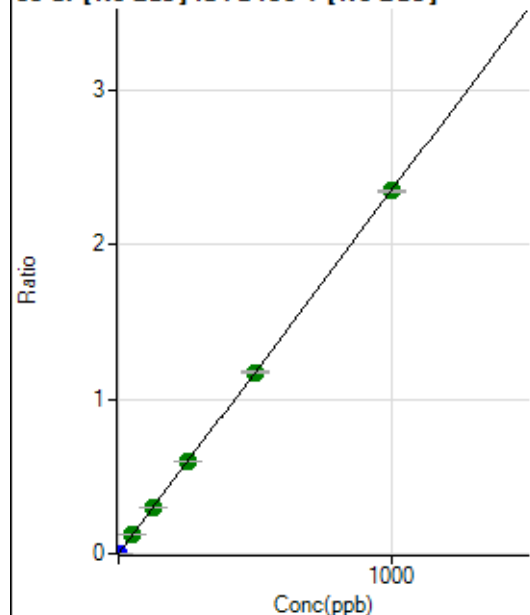
$$R = 1.0000$$

$$DL = 0.01479$$

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	561.13	0.0000	P	5.3
2	☐	1.000	1.073	74331.67	0.0025	P	1.2
3	☐	50.000	51.809	3548258.97	0.1217	A	1.5
4	☐	125.000	125.653	8501227.51	0.2952	A	0.8
5	☐	250.000	253.565	16733478.36	0.5958	A	0.4
6	☐	500.000	500.206	32500023.41	1.1753	A	0.5
7	☐	1000.000	998.834	64485282.93	2.3468	A	0.7
8	☐			204716.35	0.0075	P	1.3

$$y = 0.0023 * x + 1.8867E-005$$

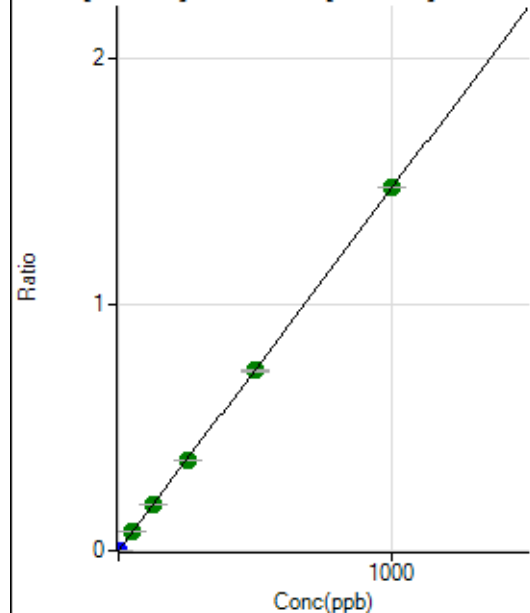
$$R = 1.0000$$

$$DL = 0.00127$$

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	1929.04	0.0001	P	2.8
2	☐	1.000	1.057	47523.99	0.0016	P	1.9
3	☐	50.000	51.371	2209098.72	0.0758	A	1.5
4	☐	125.000	126.595	5375862.00	0.1867	A	0.3
5	☐	250.000	248.088	10274414.15	0.3658	A	0.6
6	☐	500.000	497.229	20272168.31	0.7331	A	1.4
7	☐	1000.000	1001.595	40571762.45	1.4766	A	0.1
8	☐			19766.29	0.0007	P	2.9

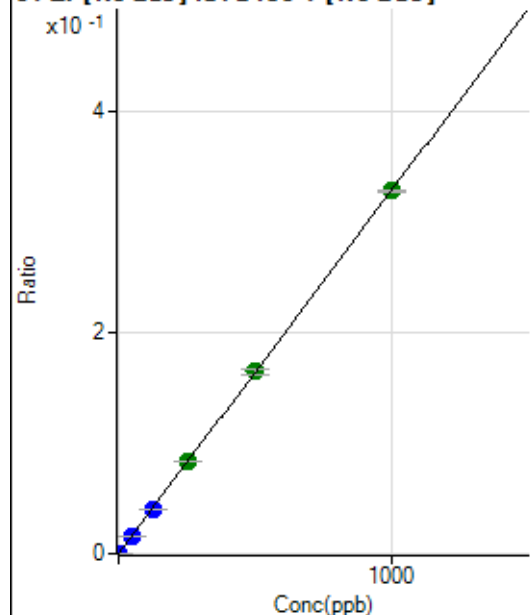
$$y = 0.0015 * x + 6.4854E-005$$

$$R = 1.0000$$

$$DL = 0.003703$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	306.68	0.0000	P	8.1
2	☐	1.000	1.028	10173.81	0.0003	P	4.0
3	☐	50.000	48.755	466530.11	0.0160	P	1.2
4	☐	125.000	120.666	1140301.85	0.0396	P	0.5
5	☐	250.000	254.493	2345485.52	0.0835	A	0.5
6	☐	500.000	500.973	4545883.86	0.1644	A	2.8
7	☐	1000.000	998.994	9005886.25	0.3278	A	0.7
8	☐			4248.47	0.0002	P	5.7

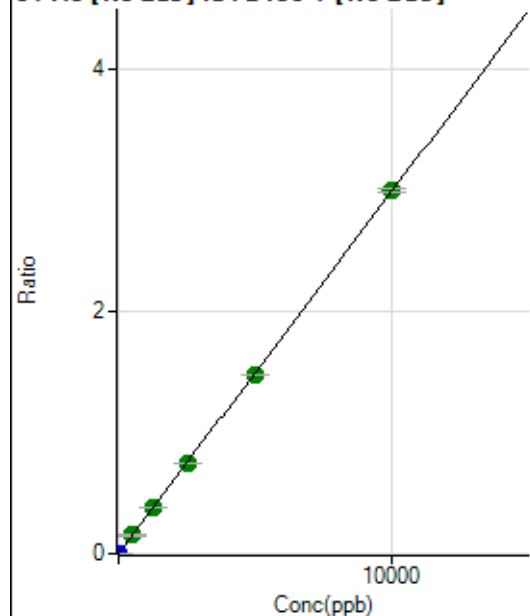
$$y = 3.2810E-004 * x + 1.0306E-005$$

$$R = 1.0000$$

$$DL = 0.007675$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	674.49	0.0000	P	6.1
2	☐	5.000	6.265	55486.68	0.0019	P	1.6
3	☐	500.000	508.593	4431904.76	0.1521	A	1.6
4	☐	1250.000	1258.577	10834671.92	0.3763	A	0.9
5	☐	2500.000	2497.680	20971746.08	0.7467	A	0.5
6	☐	5000.000	4944.570	40875234.67	1.4781	A	0.7
7	☐	10000.000	10026.793	82361961.55	2.9974	A	1.0
8	☐			16216.22	0.0006	P	6.3

$$y = 2.9894E-004 * x + 2.2681E-005$$

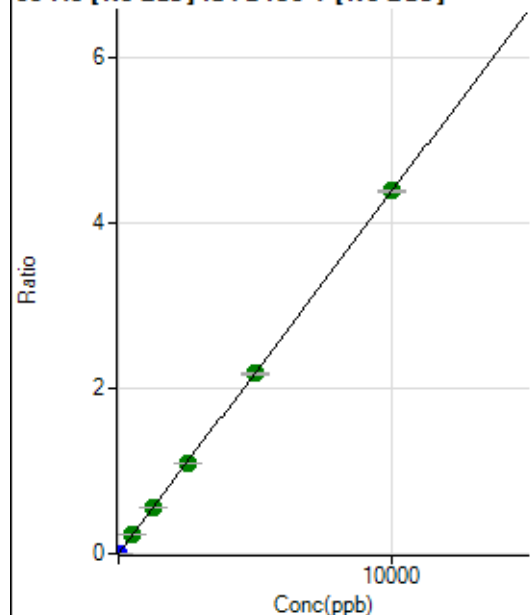
$$R = 1.0000$$

$$DL = 0.01395$$

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	234.45	0.0000	P	13.7
2	☐	5.000	5.270	67730.61	0.0023	P	1.8
3	☐	500.000	507.869	6476831.91	0.2222	A	1.2
4	☐	1250.000	1260.204	15877629.63	0.5514	A	0.7
5	☐	2500.000	2482.166	30504882.60	1.0861	A	0.6
6	☐	5000.000	4967.832	60106599.11	2.1737	A	1.5
7	☐	10000.000	10018.874	120451338.2	4.3838	A	0.5
8	☐			15068.27	0.0006	P	4.5

$$y = 4.3755E-004 * x + 7.8764E-006$$

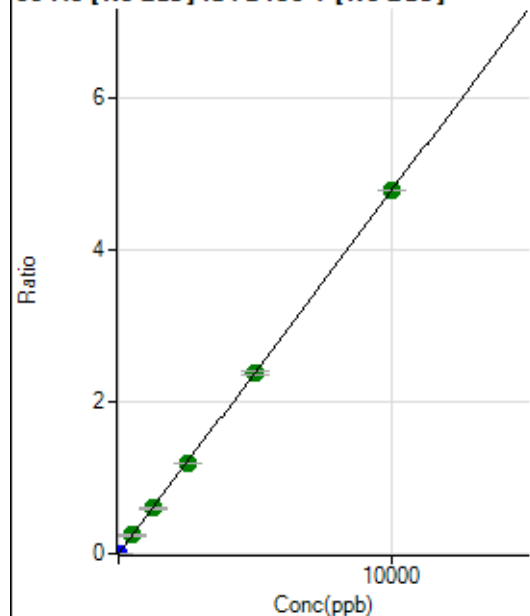
$$R = 1.0000$$

$$DL = 0.007401$$

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	304.45	0.0000	P	10.9
2	☐	5.000	5.273	73918.55	0.0025	P	0.9
3	☐	500.000	505.495	7027142.25	0.2411	A	1.4
4	☐	1250.000	1252.431	17200374.47	0.5974	A	1.2
5	☐	2500.000	2500.240	33493882.28	1.1925	A	0.2
6	☐	5000.000	5003.589	65984482.35	2.3865	A	2.2
7	☐	10000.000	9997.567	131018393.6	4.7684	A	0.1
8	☐			25298.69	0.0009	P	3.5

$$y = 4.7695E-004 * x + 1.0239E-005$$

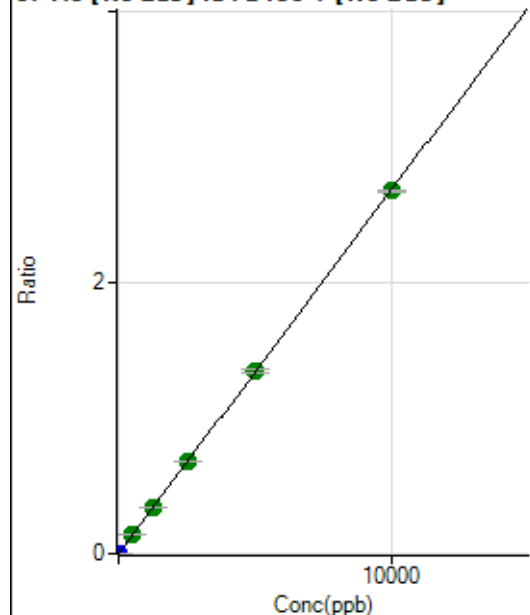
$$R = 1.0000$$

$$DL = 0.007044$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	155.56	0.0000	P	12.7
2	☐	5.000	5.296	41841.73	0.0014	P	1.2
3	☐	500.000	510.933	4004224.21	0.1374	A	0.3
4	☐	1250.000	1251.210	9687858.40	0.3364	A	0.3
5	☐	2500.000	2527.103	19084876.52	0.6795	A	0.8
6	☐	5000.000	5045.027	37507098.89	1.3565	A	2.1
7	☐	10000.000	9970.012	73662040.57	2.6808	A	0.4
8	☐			9124.21	0.0003	P	5.2

$$y = 2.6889E-004 * x + 5.2332E-006$$

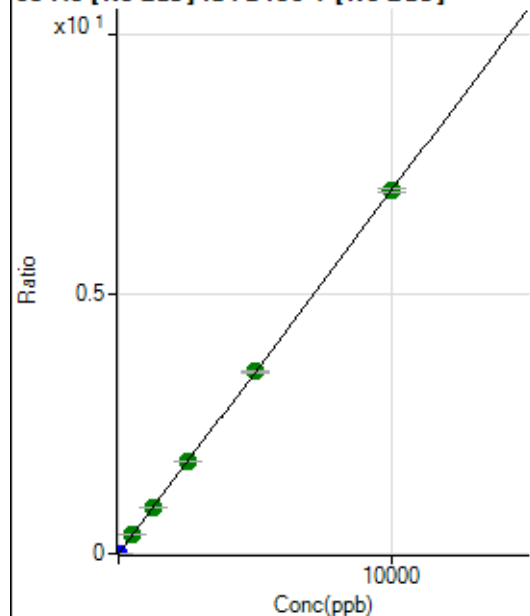
$$R = 1.0000$$

$$DL = 0.007429$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	373.34	0.0000	P	11.1
2	☐	5.000	5.236	107620.77	0.0037	P	1.0
3	☐	500.000	511.247	10426891.03	0.3578	A	1.3
4	☐	1250.000	1259.979	25388033.79	0.8817	A	0.4
5	☐	2500.000	2532.557	49773058.15	1.7721	A	0.6
6	☐	5000.000	5003.078	96798705.22	3.5008	A	1.8
7	☐	10000.000	9988.512	192053901.5	6.9893	A	1.2
8	☐			22904.55	0.0008	P	5.3

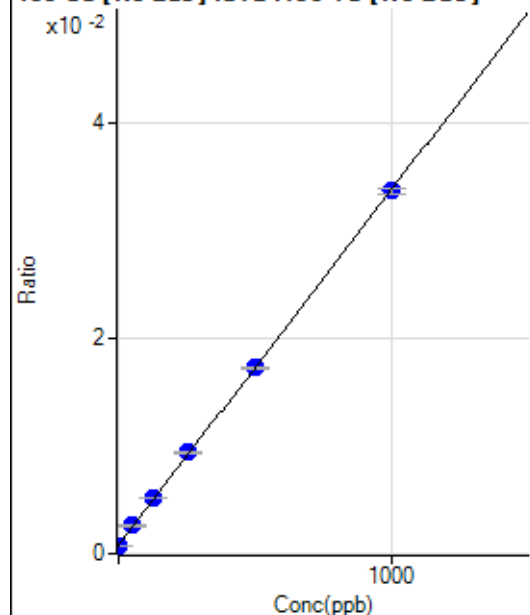
$$y = 6.9974E-004 * x + 1.2549E-005$$

$$R = 1.0000$$

$$DL = 0.005967$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	15744.63	0.0008	P	1.6
2	☐	1.000	0.186	15505.49	0.0008	P	1.2
3	☐	50.000	54.755	51225.66	0.0026	P	1.8
4	☐	125.000	133.048	103422.56	0.0052	P	2.0
5	☐	250.000	260.047	185464.00	0.0094	P	0.5
6	☐	500.000	499.500	343680.60	0.0173	P	0.9
7	☐	1000.000	996.495	667128.22	0.0337	P	1.5
8	☐			12242.16	0.0006	P	0.2

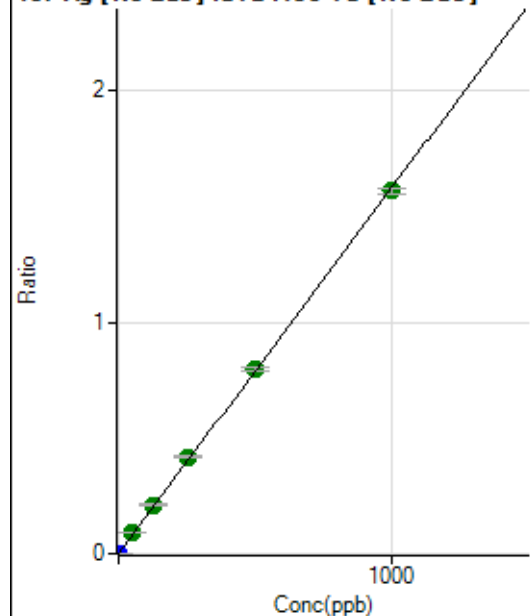
$$y = 3.3026\text{E-}005 * x + 7.9088\text{E-}004$$

$$R = 0.9999$$

$$DL = 1.124$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	166.67	0.0000	P	7.5
2	☐	1.000	1.104	34086.54	0.0018	P	1.7
3	☐	50.000	56.694	1764642.00	0.0895	A	3.4
4	☐	125.000	133.828	4216238.17	0.2114	A	2.0
5	☐	250.000	265.193	8281829.32	0.4188	A	0.5
6	☐	500.000	504.796	15849246.29	0.7972	A	1.2
7	☐	1000.000	992.365	31023699.54	1.5673	A	1.7
8	☐			2868.11	0.0001	P	12.2

$$y = 0.0016 * x + 8.3774\text{E-}006$$

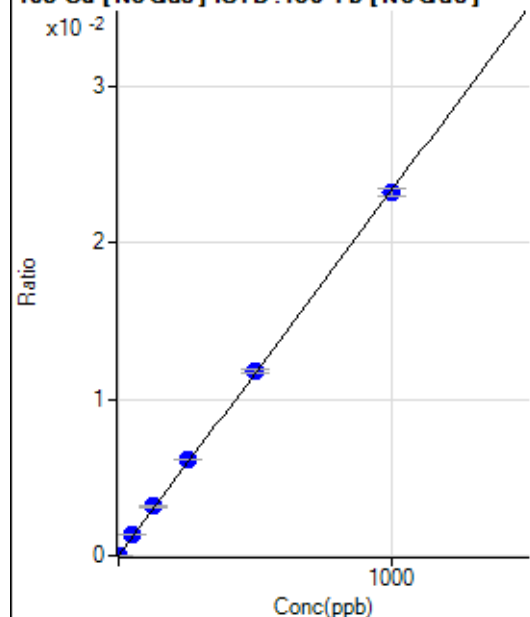
$$R = 0.9998$$

$$DL = 0.001196$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	37.78	0.0000	P	34.4
2	☐	1.000	1.349	648.91	0.0000	P	3.6
3	☐	50.000	56.146	25830.92	0.0013	P	0.8
4	☐	125.000	134.563	62602.36	0.0031	P	1.2
5	☐	250.000	262.405	120970.57	0.0061	P	1.2
6	☐	500.000	503.844	233494.97	0.0117	P	1.9
7	☐	1000.000	993.474	458391.68	0.0232	P	2.2
8	☐			181.11	0.0000	P	4.1

$$y = 2.3308\text{E-}005 * x + 1.9024\text{E-}006$$

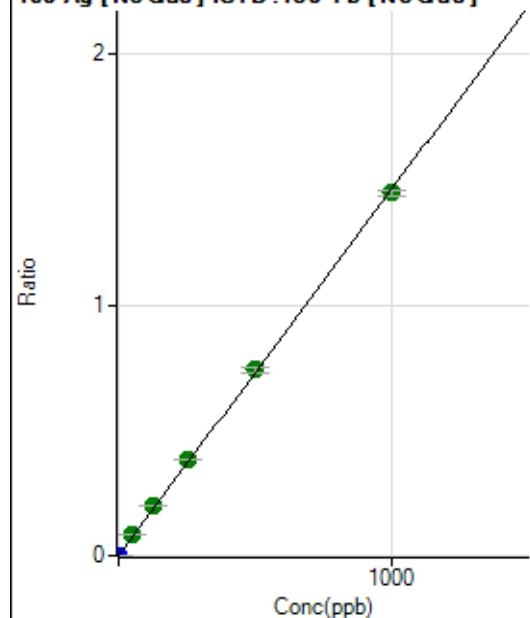
$$R = 0.9999$$

$$DL = 0.08416$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	71.11	0.0000	P	39.2
2	☐	1.000	1.144	32538.45	0.0017	P	3.0
3	☐	50.000	57.172	1644375.51	0.0834	A	1.8
4	☐	125.000	136.143	3963185.22	0.1987	A	1.1
5	☐	250.000	263.217	7595321.00	0.3841	A	0.3
6	☐	500.000	508.121	14740118.11	0.7415	A	2.6
7	☐	1000.000	990.884	28623679.58	1.4460	A	1.4
8	☐			2611.39	0.0001	P	13.9

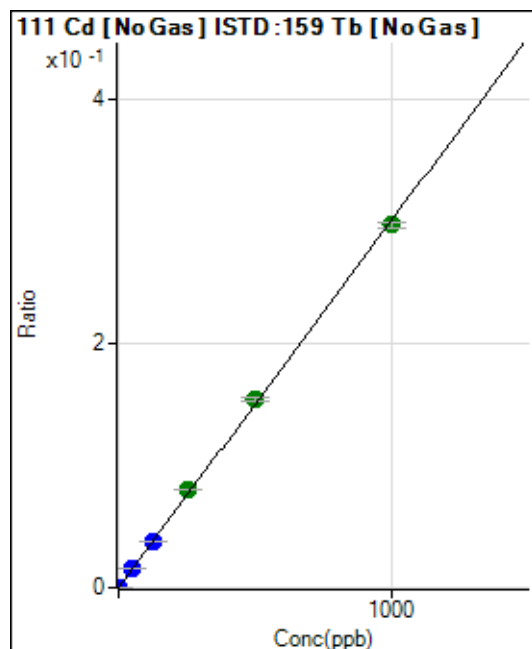
$$y = 0.0015 * x + 3.5774\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.002886$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1570.24	0.0001	P	1.4
2	☐	1.000	1.180	8420.55	0.0004	P	2.2
3	☐	50.000	53.131	315764.55	0.0160	P	1.1
4	☐	125.000	126.939	761338.74	0.0382	P	1.7
5	☐	250.000	268.306	1593469.32	0.0806	A	0.6
6	☐	500.000	513.554	3064817.37	0.1542	A	2.2
7	☐	1000.000	988.248	5871522.44	0.2966	A	1.5
8	☐			1956.36	0.0001	P	3.6

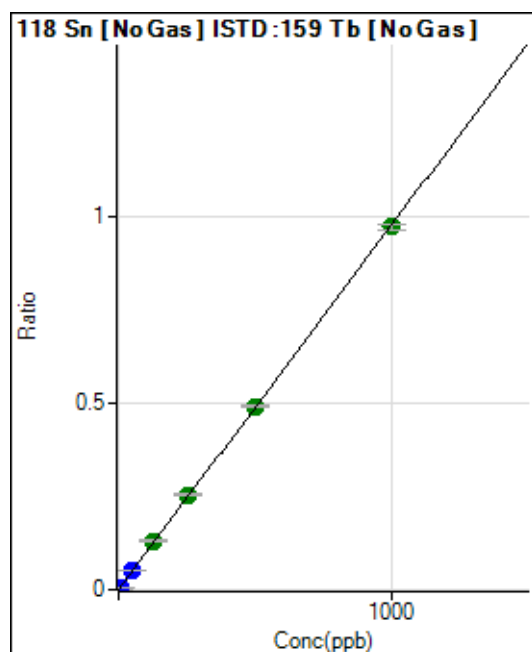
$$y = 3.0005\text{E-}004 * x + 7.8876\text{E-}005$$

$$R = 0.9997$$

$$DL = 0.01104$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3768.35	0.0002	P	5.5
2	☐	5.000	5.560	109517.71	0.0056	P	1.6
3	☐	50.000	52.224	1010828.76	0.0513	P	1.2
4	☐	125.000	133.418	2607578.42	0.1307	A	2.2
5	☐	250.000	259.354	5021736.94	0.2539	A	1.3
6	☐	500.000	502.783	9783182.70	0.4921	A	1.7
7	☐	1000.000	995.104	19277394.99	0.9738	A	1.6
8	☐			7184.17	0.0004	P	3.4

$$y = 9.7842\text{E-}004 * x + 1.8936\text{E-}004$$

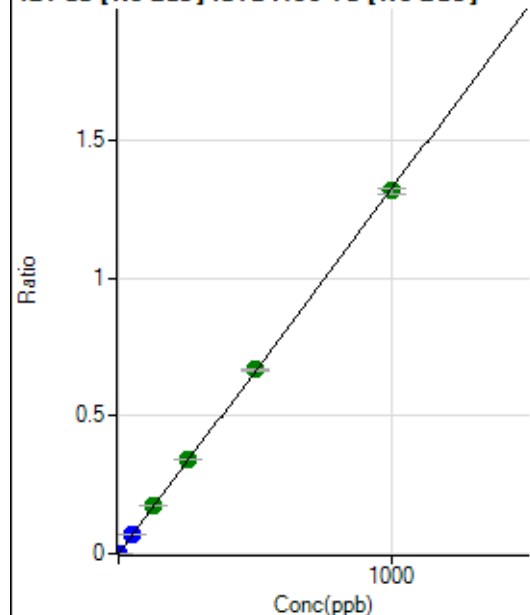
$$R = 0.9999$$

$$DL = 0.03172$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	55.56	0.0000	P	32.0
2	☐	2.000	2.214	57008.09	0.0029	P	1.4
3	☐	50.000	51.631	1345585.21	0.0683	P	1.9
4	☐	125.000	132.397	3492446.96	0.1751	A	2.3
5	☐	250.000	259.693	6790540.31	0.3434	A	0.5
6	☐	500.000	503.668	13240104.66	0.6660	A	1.4
7	☐	1000.000	994.736	26037776.56	1.3154	A	1.4
8	☐			18769.63	0.0010	P	1.8

$$y = 0.0013 * x + 2.7983E-006$$

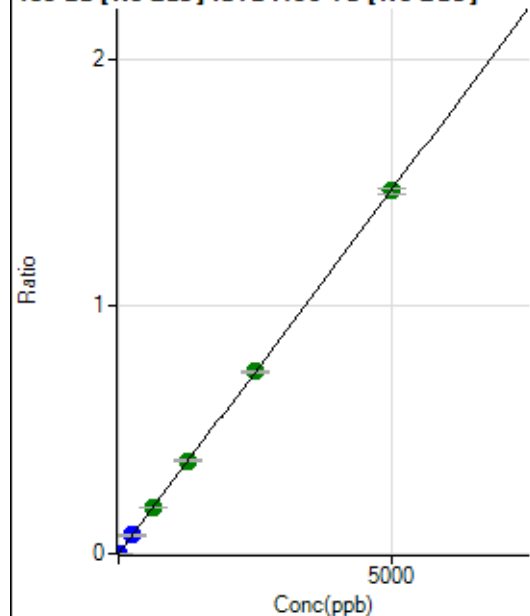
$$R = 0.9999$$

$$DL = 0.002034$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	123.34	0.0000	P	27.2
2	☐	10.000	10.883	62358.09	0.0032	P	1.6
3	☐	250.000	252.151	1460780.45	0.0741	P	1.9
4	☐	625.000	643.027	3770543.80	0.1890	A	1.4
5	☐	1250.000	1278.211	7428901.14	0.3757	A	1.1
6	☐	2500.000	2500.401	14610734.23	0.7349	A	1.3
7	☐	5000.000	4990.384	29037102.07	1.4668	A	1.4
8	☐			11174.71	0.0006	P	1.4

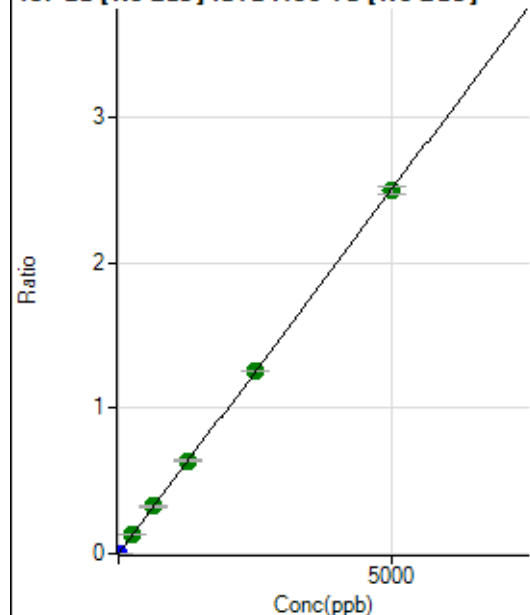
$$y = 2.9393E-004 * x + 6.1773E-006$$

$$R = 1.0000$$

$$DL = 0.01712$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	128.89	0.0000	P	11.8
2	☐	10.000	11.034	107674.97	0.0055	P	0.7
3	☐	250.000	270.325	2669438.01	0.1354	A	1.4
4	☐	625.000	651.243	6508002.61	0.3263	A	2.6
5	☐	1250.000	1275.006	12631046.62	0.6388	A	1.8
6	☐	2500.000	2510.160	25002012.96	1.2576	A	0.5
7	☐	5000.000	4984.370	49432236.49	2.4972	A	2.1
8	☐			19301.62	0.0010	P	1.4

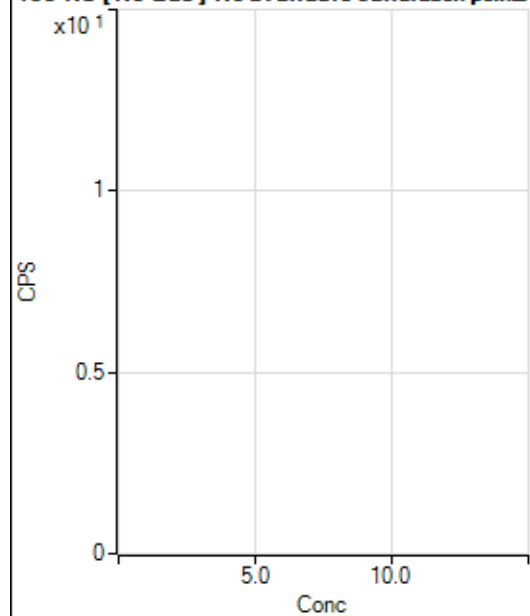
$$y = 5.0101\text{E-}004 * x + 6.4658\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.004575$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			16.66		P	34.6
2	☐			32.22		P	41.8
3	☐			142.23		P	9.8
4	☐			237.78		P	13.3
5	☐			418.90		P	8.0
6	☐			856.70		P	5.0
7	☐			1542.33		P	5.3
8	☐			403.34		P	11.4

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			3.33		P	0.0
3	☐			13.33		P	25.0
4	☐			20.00		P	44.1
5	☐			35.56		P	32.9
6	☐			33.33		P	26.4
7	☐			91.11		P	24.9
8	☐			115.56		P	11.7

156 Dy [No Gas] No available calibration points

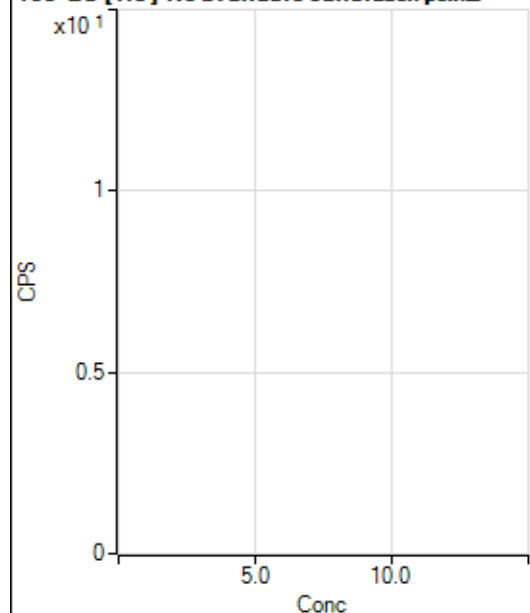
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20.00		P	28.9
2	☐			24.45		P	28.4
3	☐			54.45		P	55.6
4	☐			144.45		P	16.7
5	☐			202.23		P	12.6
6	☐			356.68		P	9.8
7	☐			660.02		P	4.5
8	☐			896.71		P	7.1

156 Dy [He] No available calibration points

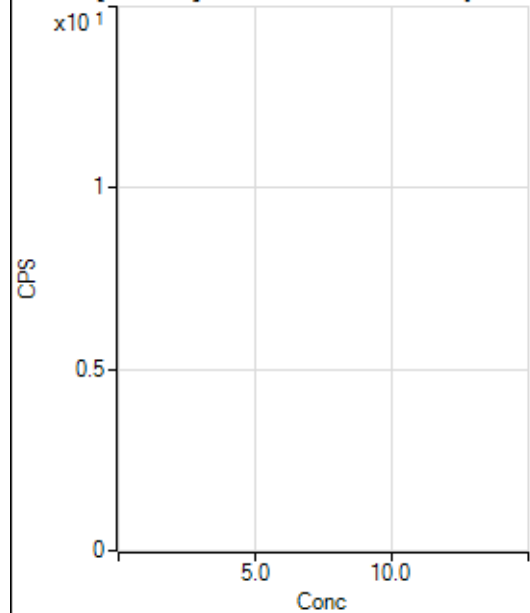
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			5.55		P	69.3
3	☐			8.89		P	78.1
4	☐			23.33		P	28.6
5	☐			30.00		P	29.4
6	☐			54.45		P	12.7
7	☐			85.55		P	4.5
8	☐			241.11		P	10.4

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			354.45		P	15.3
2	☐			361.12		P	11.0
3	☐			354.45		P	12.3
4	☐			364.45		P	5.0
5	☐			376.68		P	18.4
6	☐			436.68		P	10.7
7	☐			527.80		P	3.5
8	☐			1001.16		P	7.7

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			73.33		P	22.7
2	☐			64.44		P	18.2
3	☐			68.89		P	46.5
4	☐			82.22		P	23.4
5	☐			92.22		P	11.0
6	☐			118.89		P	22.7
7	☐			142.23		P	8.2
8	☐			382.23		P	9.9

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			123.34		P	12.4
2	☐			142.22		P	11.1
3	☐			145.56		P	30.2
4	☐			217.78		P	18.7
5	☐			215.56		P	16.4
6	☐			268.89		P	9.4
7	☐			423.34		P	6.7
8	☐			1027.83		P	4.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			62.22		P	20.3
2	☐			45.56		P	47.0
3	☐			58.89		P	37.7
4	☐			88.89		P	17.7
5	☐			82.22		P	6.2
6	☐			98.89		P	3.9
7	☐			143.34		P	14.5
8	☐			388.90		P	10.4

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			132.23		P	6.3
2	☐			110.00		P	3.0
3	☐			167.78		P	27.0
4	☐			197.78		P	19.2
5	☐			255.56		P	7.6
6	☐			282.23		P	8.9
7	☐			504.46		P	6.2
8	☐			1554.55		P	8.1

172 Yb [He] No available calibration points

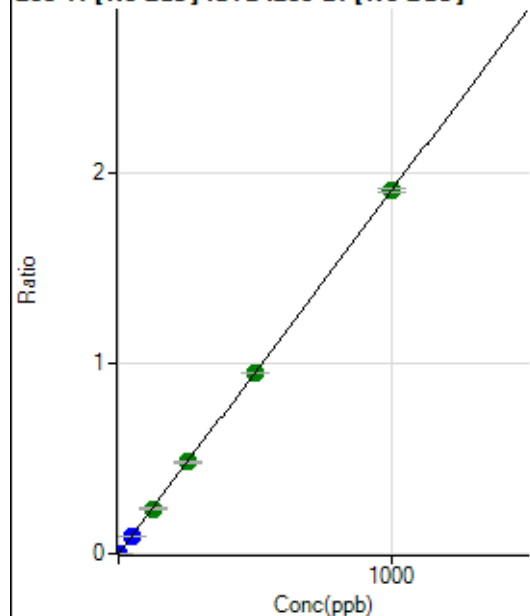
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55.56		P	3.5
2	☐			55.56		P	22.7
3	☐			48.89		P	37.6
4	☐			86.66		P	6.7
5	☐			90.00		P	9.8
6	☐			108.89		P	23.4
7	☐			228.89		P	3.7
8	☐			734.47		P	4.9

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5113.26		P	2.0
2	☐			4935.42		P	3.4
3	☐			9793.72		P	2.8
4	☐			17212.41		P	2.1
5	☐			29480.65		P	1.3
6	☐			53560.27		P	0.7
7	☐			102967.23		P	1.4
8	☐			4815.37		P	1.4

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1312.30		P	16.4
2	☐			1191.18		P	3.1
3	☐			3082.61		P	1.8
4	☐			5859.14		P	4.3
5	☐			10378.60		P	2.9
6	☐			19870.55		P	0.4
7	☐			38835.85		P	1.2
8	☐			1307.86		P	1.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	296.67	0.0000	P	10.3
2	☐	1.000	1.023	22457.26	0.0020	P	1.6
3	☐	50.000	48.595	1047212.06	0.0925	P	0.8
4	☐	125.000	124.399	2761996.18	0.2369	A	0.9
5	☐	250.000	253.020	5496791.10	0.4817	A	2.8
6	☐	500.000	499.008	10778218.45	0.9500	A	0.6
7	☐	1000.000	999.886	21332610.24	1.9036	A	1.0
8	☐			2910.36	0.0003	P	11.2

$$y = 0.0019 * x + 2.5714E-005$$

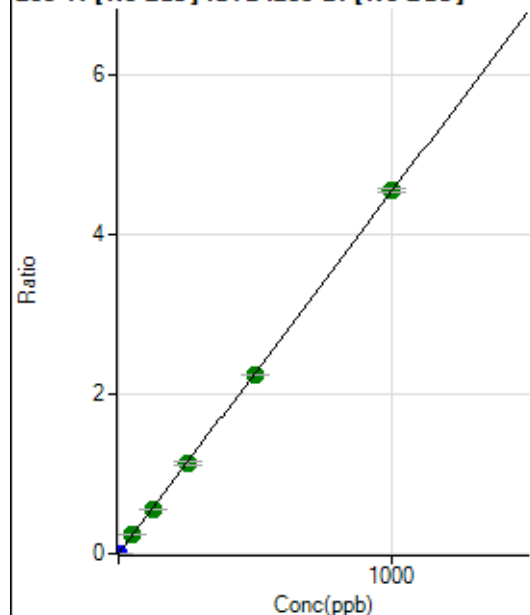
$$R = 1.0000$$

$$DL = 0.004159$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	660.02	0.0001	P	0.7
2	☐	1.000	1.011	52929.47	0.0046	P	1.4
3	☐	50.000	50.808	2611421.51	0.2308	A	0.6
4	☐	125.000	120.999	6407343.38	0.5495	A	1.3
5	☐	250.000	249.957	12951078.14	1.1351	A	3.7
6	☐	500.000	494.832	25493177.12	2.2470	A	0.3
7	☐	1000.000	1003.054	51042192.02	4.5547	A	1.0
8	☐			6766.29	0.0007	P	6.8

$$y = 0.0045 * x + 5.7187E-005$$

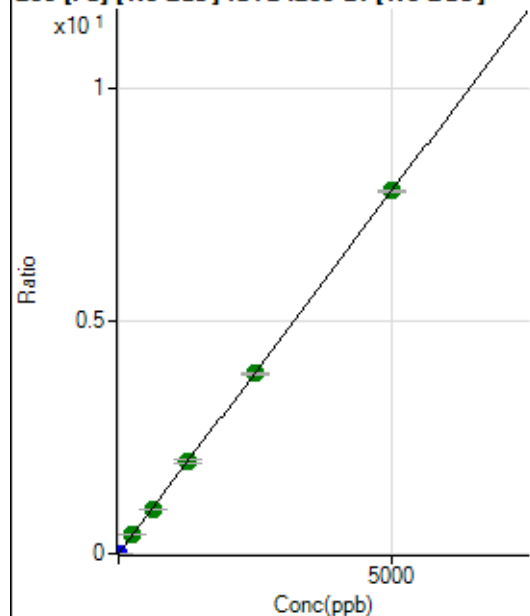
$$R = 1.0000$$

$$DL = 0.0002647$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1325.64	0.0001	P	5.1
2	☐	1.000	1.006	19156.43	0.0017	P	1.1
3	☐	250.000	256.827	4530135.70	0.4003	A	0.5
4	☐	625.000	611.620	11114558.72	0.9531	A	0.8
5	☐	1250.000	1270.373	22589705.50	1.9796	A	2.6
6	☐	2500.000	2484.882	43931241.57	3.8720	A	1.0
7	☐	5000.000	5003.797	87379930.92	7.7970	A	0.6
8	☐			92119.69	0.0090	P	0.4

$$y = 0.0016 * x + 1.1488E-004$$

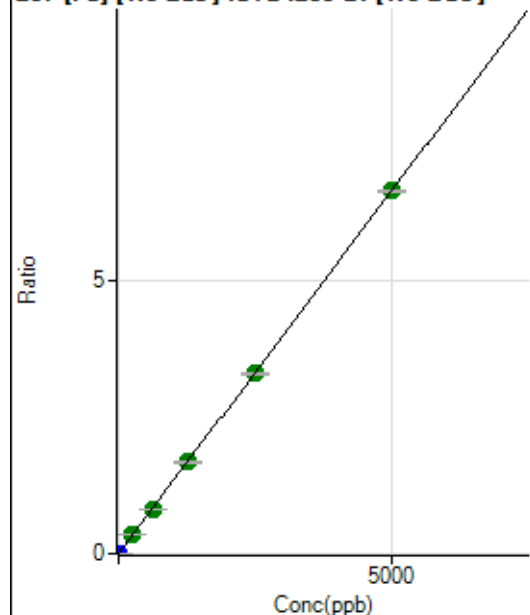
$$R = 1.0000$$

$$DL = 0.01126$$

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	1157.84	0.0001	P	3.4
2	☐	1.000	1.019	16506.16	0.0014	P	1.9
3	☐	250.000	258.871	3880422.82	0.3429	A	0.6
4	☐	625.000	618.596	9553419.17	0.8193	A	0.9
5	☐	1250.000	1266.157	19136741.80	1.6768	A	2.1
6	☐	2500.000	2488.360	37387240.83	3.2952	A	1.2
7	☐	5000.000	5002.137	74234861.12	6.6240	A	0.4
8	☐			79195.40	0.0077	P	1.4

$$y = 0.0013 * x + 1.0032E-004$$

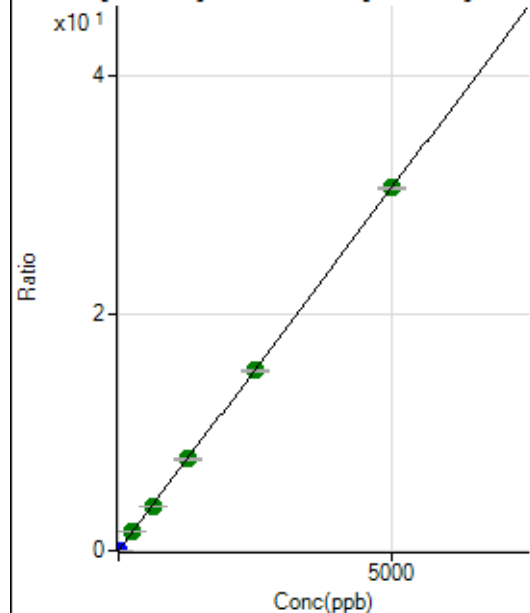
$$R = 1.0000$$

$$DL = 0.007633$$

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	5253.82	0.0005	P	2.4
2	☐	1.000	1.017	75979.55	0.0067	P	1.3
3	☐	250.000	255.979	17710427.89	1.5650	A	0.5
4	☐	625.000	617.935	44049745.60	3.7773	A	0.3
5	☐	1250.000	1267.524	88421867.71	7.7476	A	1.5
6	☐	2500.000	2489.760	172657969.9	15.2180	A	1.0
7	☐	5000.000	5001.323	342583298.2	30.5688	A	0.3
8	☐			364505.88	0.0356	P	0.5

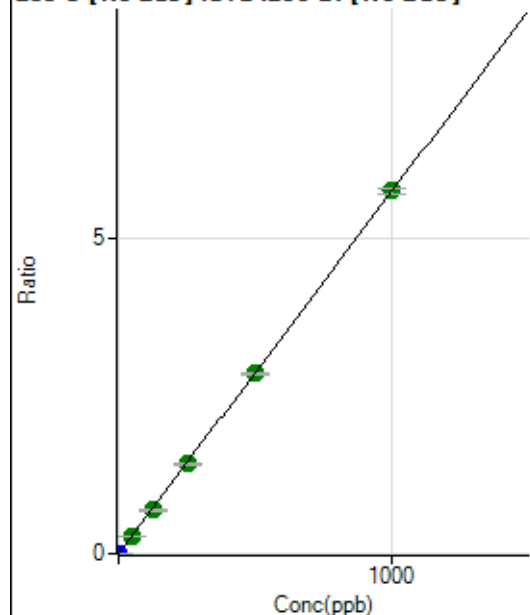
$$y = 0.0061 * x + 4.5525E-004$$

$$R = 1.0000$$

$$DL = 0.005258$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	172.22	0.0000	P	29.6
2	☐	1.000	0.982	64234.32	0.0056	P	1.4
3	☐	50.000	49.368	3201112.69	0.2829	A	1.2
4	☐	125.000	120.148	8028035.29	0.6884	A	1.4
5	☐	250.000	247.430	16179885.87	1.4177	A	1.7
6	☐	500.000	497.353	32333781.46	2.8497	A	1.8
7	☐	1000.000	1002.604	64386306.26	5.7447	A	1.7
8	☐			2559.18	0.0002	P	15.4

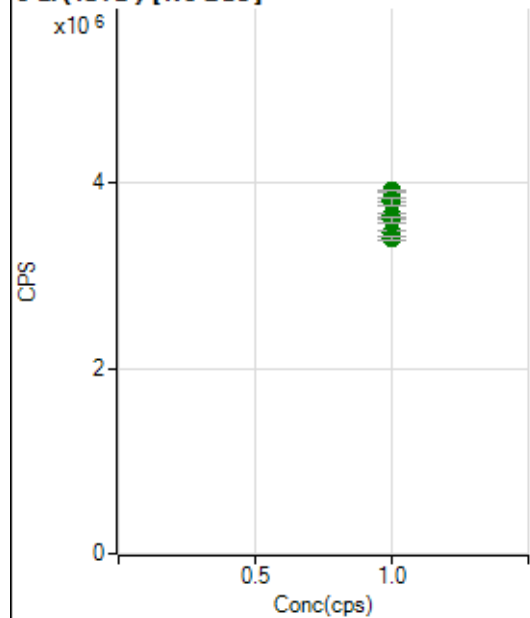
$$y = 0.0057 * x + 1.4937E-005$$

$$R = 1.0000$$

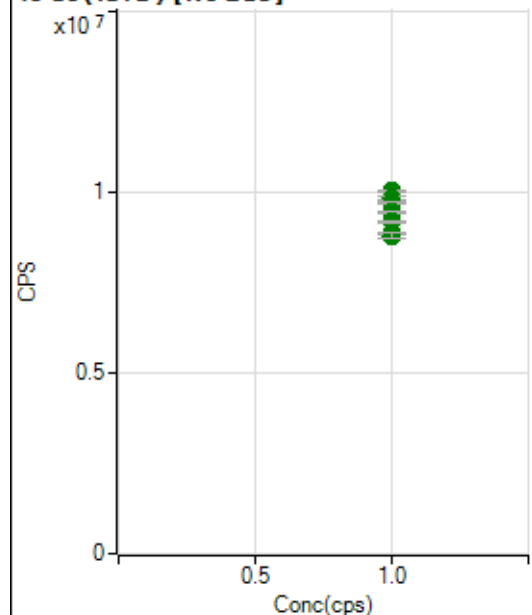
$$DL = 0.002311$$

Weight: <None>

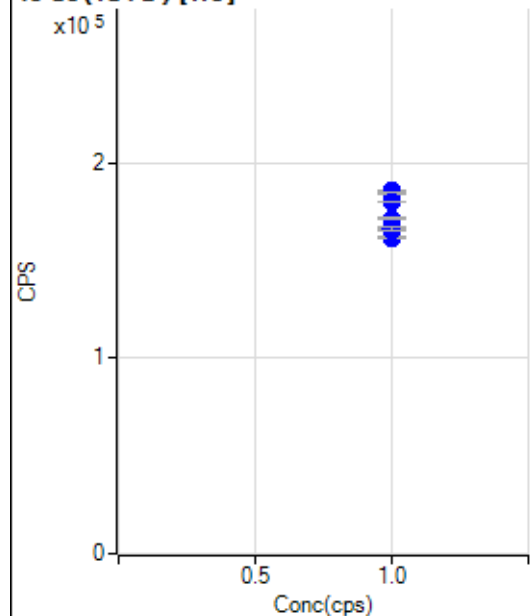
Min Conc: 0

6 Li (ISTD) [No Gas]

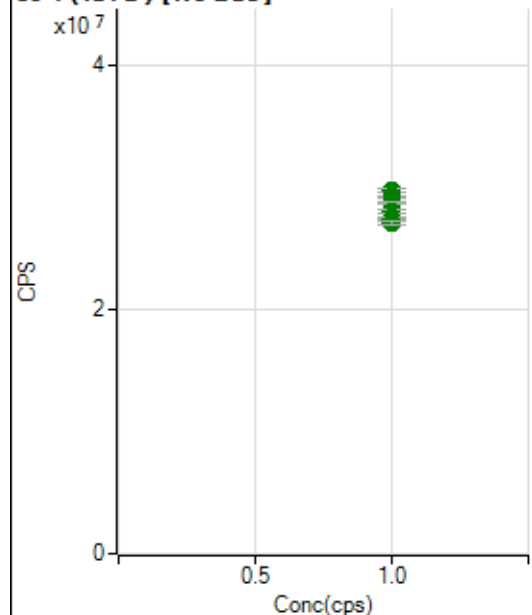
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3910678.02		A	0.4
2	☐	1.000		3911269.25		A	0.8
3	☐	1.000		3812919.98		A	1.4
4	☐	1.000		3796442.04		A	2.4
5	☐	1.000		3642273.86		A	1.4
6	☐	1.000		3604824.66		A	1.8
7	☐	1.000		3452847.51		A	1.5
8	☐	1.000		3405413.52		A	1.5

45 Sc (ISTD) [No Gas]

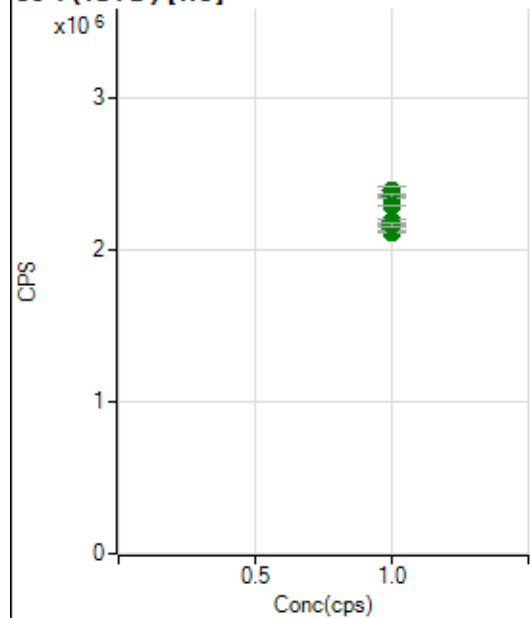
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10019899.30		A	0.6
2	☐	1.000		9850636.03		A	1.1
3	☐	1.000		9695800.48		A	0.3
4	☐	1.000		9447110.07		A	0.6
5	☐	1.000		9175716.18		A	0.5
6	☐	1.000		8882554.38		A	0.2
7	☐	1.000		8845142.72		A	1.1
8	☐	1.000		8785546.47		A	1.6

45 Sc (ISTD) [He]

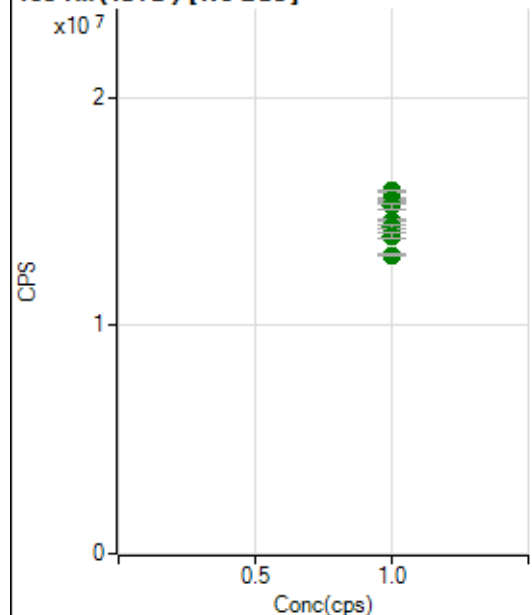
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		185501.41		P	0.7
2	☐	1.000		184560.96		P	0.3
3	☐	1.000		179747.03		P	0.2
4	☐	1.000		171544.96		P	0.8
5	☐	1.000		165199.43		P	0.3
6	☐	1.000		161420.55		P	0.4
7	☐	1.000		165533.03		P	0.2
8	☐	1.000		166103.58		P	1.2

89 Y (ISTD) [No Gas]

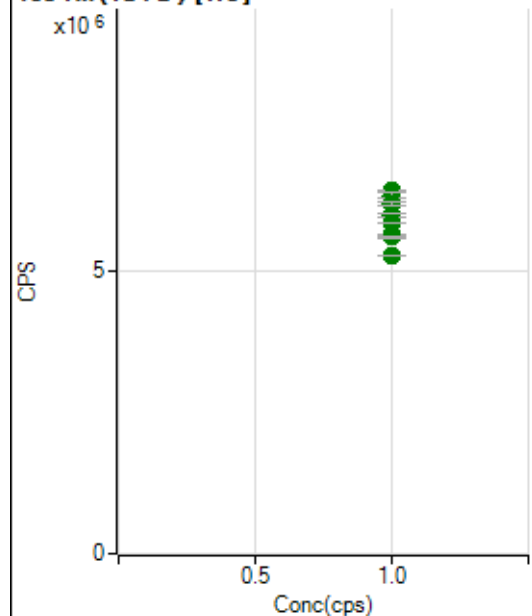
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		29749580.94		A	0.9
2	☐	1.000		29274027.62		A	0.6
3	☐	1.000		29145264.84		A	0.2
4	☐	1.000		28795343.46		A	0.7
5	☐	1.000		28087287.36		A	0.8
6	☐	1.000		27655099.03		A	1.6
7	☐	1.000		27476746.26		A	1.1
8	☐	1.000		27172711.82		A	1.3

89 Y (ISTD) [He]

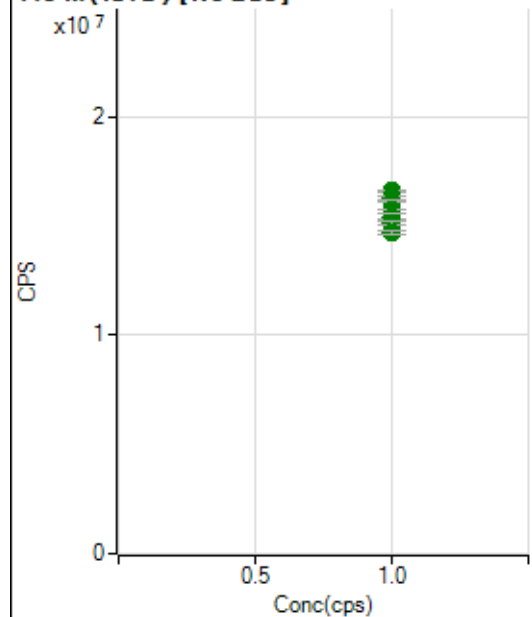
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2392598.54		A	2.6
2	☐	1.000		2357530.19		A	0.9
3	☐	1.000		2294362.79		A	0.3
4	☐	1.000		2193119.60		A	0.8
5	☐	1.000		2143935.14		A	1.8
6	☐	1.000		2119562.50		A	0.4
7	☐	1.000		2126242.75		A	0.2
8	☐	1.000		2171790.75		A	1.0

103 Rh (ISTD) [No Gas]

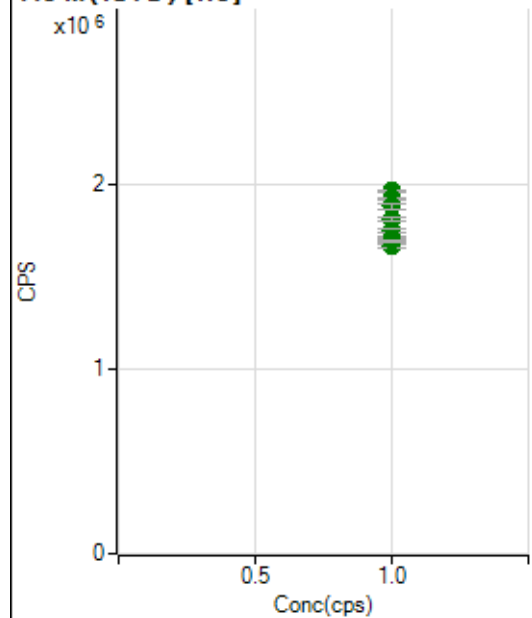
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15912039.21		A	0.5
2	☐	1.000		15537091.99		A	1.2
3	☐	1.000		15480864.77		A	0.8
4	☐	1.000		15224042.83		A	1.2
5	☐	1.000		14610903.95		A	0.4
6	☐	1.000		14356155.62		A	1.0
7	☐	1.000		13955893.13		A	1.5
8	☐	1.000		13090896.61		A	0.8

103 Rh (ISTD) [He]

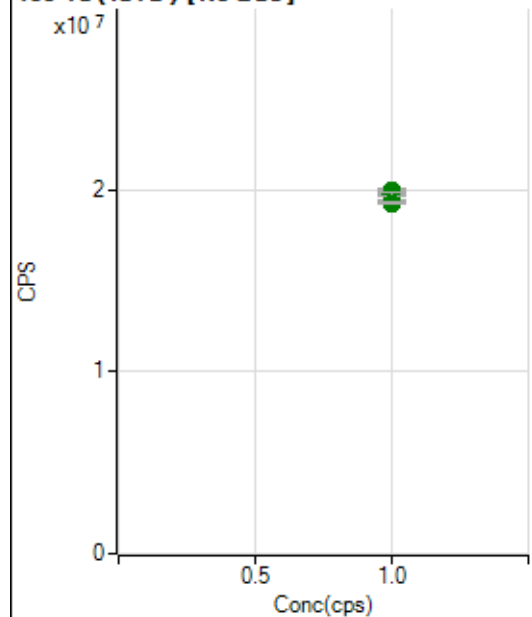
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6415816.50		A	0.6
2	☐	1.000		6339667.68		A	1.7
3	☐	1.000		6189172.69		A	0.8
4	☐	1.000		5993094.63		A	1.1
5	☐	1.000		5836823.73		A	0.1
6	☐	1.000		5643289.50		A	0.2
7	☐	1.000		5597332.76		A	0.9
8	☐	1.000		5262860.06		A	0.2

115 In (ISTD) [No Gas]

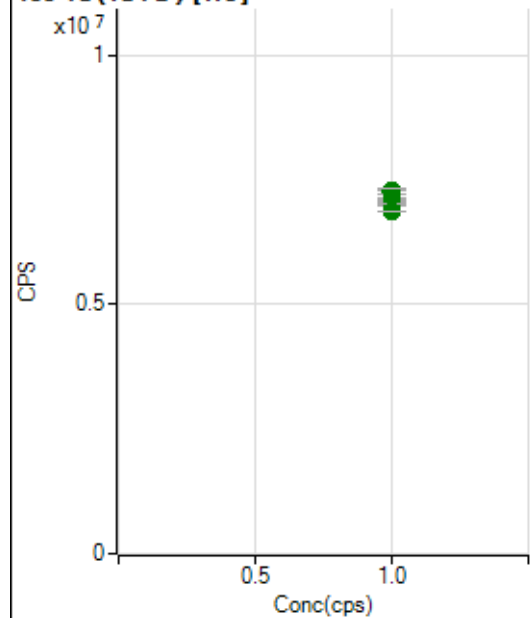
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16612262.32		A	0.6
2	☐	1.000		16406508.10		A	0.2
3	☐	1.000		16253541.02		A	1.3
4	☐	1.000		16156321.11		A	0.4
5	☐	1.000		15776861.26		A	0.3
6	☐	1.000		15431596.42		A	1.7
7	☐	1.000		15139938.61		A	0.7
8	☐	1.000		14687964.96		A	1.5

115 In (ISTD) [He]

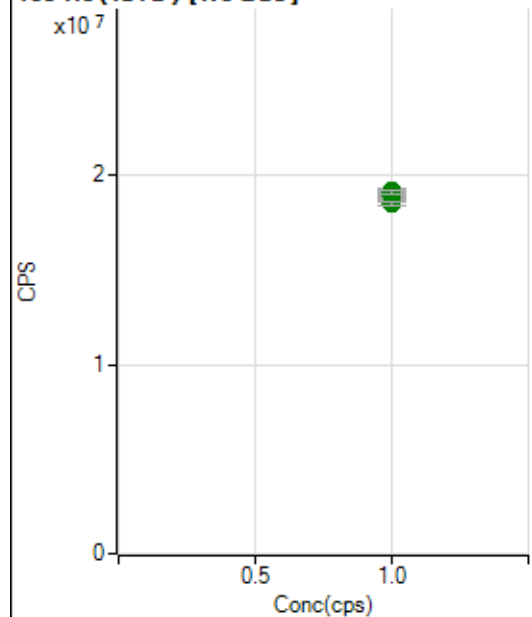
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1968830.03		A	0.7
2	☐	1.000		1927747.38		A	0.4
3	☐	1.000		1883821.14		A	1.3
4	☐	1.000		1814826.24		A	0.8
5	☐	1.000		1753738.85		A	0.7
6	☐	1.000		1713414.22		A	0.5
7	☐	1.000		1671222.82		A	0.9
8	☐	1.000		1696491.00		A	0.8

159 Tb (ISTD) [No Gas]

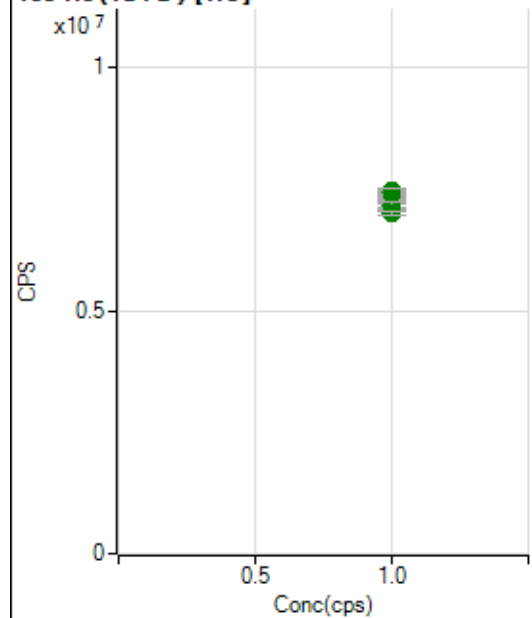
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		19910288.73		A	1.7
2	☐	1.000		19455477.90		A	0.5
3	☐	1.000		19710426.51		A	1.0
4	☐	1.000		19950137.62		A	1.3
5	☐	1.000		19774210.40		A	0.7
6	☐	1.000		19880835.40		A	0.6
7	☐	1.000		19796622.21		A	0.9
8	☐	1.000		19270091.80		A	0.4

159 Tb (ISTD) [He]

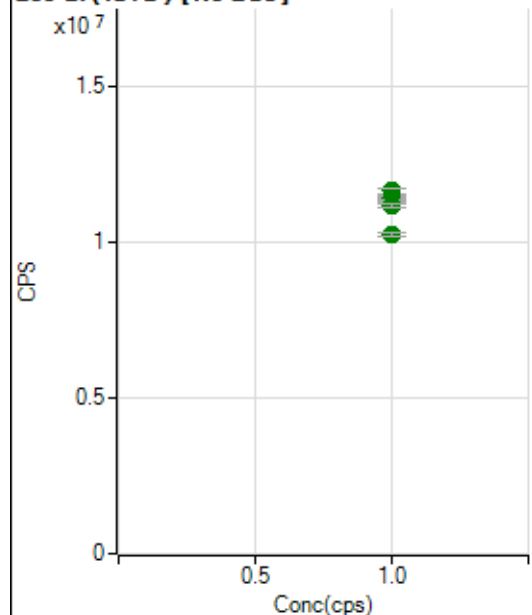
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7263092.25		A	1.2
2	☐	1.000		7274874.82		A	1.5
3	☐	1.000		7274479.41		A	1.7
4	☐	1.000		7124555.31		A	0.4
5	☐	1.000		7042169.13		A	1.6
6	☐	1.000		7075484.83		A	0.8
7	☐	1.000		7019911.98		A	0.4
8	☐	1.000		6877123.02		A	0.1

165 Ho (ISTD) [No Gas]

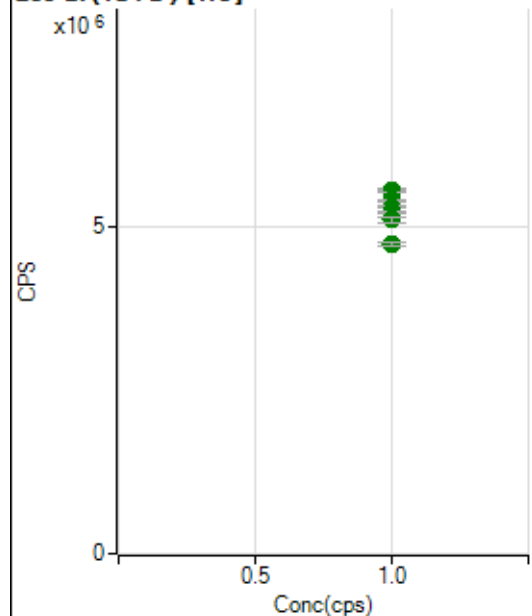
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		18930456.66		A	1.1
2	☐	1.000		18821962.08		A	0.3
3	☐	1.000		18890693.88		A	2.2
4	☐	1.000		19165940.41		A	0.3
5	☐	1.000		19070057.08		A	0.5
6	☐	1.000		19157828.75		A	1.3
7	☐	1.000		19134271.24		A	1.0
8	☐	1.000		18518890.83		A	0.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7470324.89		A	0.1
2	☐	1.000		7403611.56		A	1.0
3	☐	1.000		7448245.24		A	1.7
4	☐	1.000		7316715.10		A	0.7
5	☐	1.000		7265013.08		A	0.5
6	☐	1.000		7161990.59		A	0.9
7	☐	1.000		7161695.10		A	1.9
8	☐	1.000		7007617.33		A	1.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11541463.85		A	0.5
2	☐	1.000		11384540.39		A	0.5
3	☐	1.000		11316635.66		A	0.8
4	☐	1.000		11661878.16		A	1.3
5	☐	1.000		11414000.39		A	1.6
6	☐	1.000		11345561.64		A	0.6
7	☐	1.000		11207068.59		A	1.1
8	☐	1.000		10239343.11		A	1.1

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5558006.79		A	1.0
2	☐	1.000		5554925.26		A	0.9
3	☐	1.000		5541278.46		A	0.3
4	☐	1.000		5410802.21		A	0.9
5	☐	1.000		5313966.62		A	0.8
6	☐	1.000		5230856.97		A	1.0
7	☐	1.000		5111826.35		A	1.7
8	☐	1.000		4753453.65		A	1.1

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8050525MS.b

Acq. Date-Time 2025-05-05 11:30:08

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		70403	704028.76			1.088	5.000
24		302301	3023014.69			0.911	5.000
25		42857	428569.30			1.341	5.000
26		53512	535121.14			1.320	5.000
59		307387	3073872.87			1.077	5.000
113		42164	421641.39			1.286	5.000
115		534579	5345788.98			1.474	5.000
206		115671	1156706.06			1.003	5.000
207		96371	963706.45			2.802	5.000
208		239899	2398993.47			1.446	5.000
220		1	5.60			27.808	

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

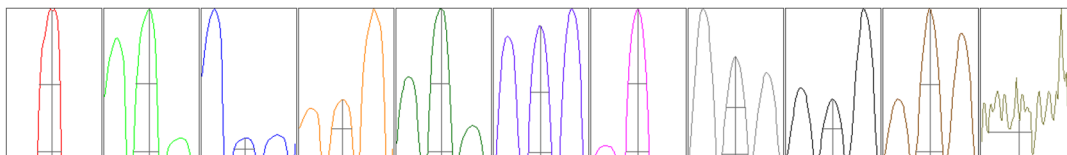
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	70785	71282	70653	69313	69982
24	306164	301987	303494	298781	301081
25	43316	43283	43226	42170	42290
26	54114	54076	53882	52753	52735
59	311592	309746	306632	303224	305742
113	42689	42551	42421	41576	41583
115	542629	536322	541262	526523	526158
206	116840	116851	115581	114372	114709
207	98757	97316	97933	91904	95944
208	244007	239692	242734	237046	236017

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	114599.72	8.95	8.90 - 9.10	
24	514840.73	23.95	23.90 - 24.10	
25	70762.74	24.90	24.90 - 25.10	
26	82720.32	25.90	25.90 - 26.10	
59	528943.17	58.95	58.90 - 59.10	
113	78683.38	113.00	112.90 - 113.10	
115	988530.14	115.00	114.90 - 115.10	
206	206449.70	206.00	205.90 - 206.10	
207	173540.11	207.00	206.90 - 207.10	
208	431588.84	208.00	207.90 - 208.10	
220	0.45	219.75	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.64	0.744	0.900	
24	0.65	0.787	0.900	
25	0.63	0.760	0.900	
26	0.64	0.784	0.900	
59	0.61	0.782	0.900	
113	0.57	0.734	0.900	
115	0.57	0.738	0.900	
206	0.59	0.824	0.900	
207	0.58	0.794	0.900	
208	0.59	0.844	0.900	
220	1.37			

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

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

US EPA Tune Check Report

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	8.6 V	Deflect	15.2 V
Extract 2	-180.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-75 V	Cell Exit	-50 V		

Cell Parameters

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

QP Parameters

Mass Gain	104	Axis Gain	0.9969	QP Bias	-4.0 V
Mass Offset	126	Axis Offset	-0.04		

Hardware Settings

Torch

Torch H	0.7 mm	Torch V	-0.3 mm
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EM

Discriminator	4.5 mV	Analog HV	2194 V	Pulse HV	959 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		56997	569974.55			0.641	
89		54231	542309.75			0.609	
205		79424	794243.29			0.996	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	56580	56713	56992	57231	57471
89	53948	53886	54571	54175	54575
205	78520	78614	80019	79826	80142

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	8.6 V	Deflect	3.2 V
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US EPA Tune Check Report

Extract 2	-180.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-75 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	0.9969	QP Bias	-13.0 V
Mass Offset	126	Axis Offset	-0.04		
Hardware Settings					
Torch					
Torch H	0.7 mm	Torch V	-0.3 mm		
EM					
Discriminator	4.5 mV	Analog HV	2194 V	Pulse HV	959 V

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 11:33:12	DataFile Name :	001SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2						ppb
Antimony	121-1						ppb
Arsenic	75-2						ppb
Barium	135-1						ppb
Barium	137-1						ppb
Beryllium	9-1						ppb
Bismuth	209-1				351		%
Bismuth	209-2				310		%
Bromine	81-1						cps
Cadmium	108-1						ppb
Cadmium	106-1						ppb
Cadmium	111-1						ppb
Calcium	43-1						ppb
Calcium	44-1						ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2						ppb
Cobalt	59-2						ppb
Copper	63-2						ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				347		%
Holmium	165-2				306		%
Indium	115-1				339		%
Indium	115-2				291		%
Iron	54-2						ppb
Iron	56-2						ppb
Iron	57-2						ppb
Krypton	83-1						cps
Lead	206-1						ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 11:33:12	DataFile Name :	001SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1						ppb
Lead	208-1						ppb
Lithium	6-1				384		%
Magnesium	24-2						ppb
Manganese	55-2						ppb
Molybdenum	94-1						ppb
Molybdenum	95-1						ppb
Molybdenum	96-1						ppb
Molybdenum	97-1						ppb
Molybdenum	98-1						ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2						ppb
Phosphorus	31-2						ppb
Potassium	39-2						ppb
Rhodium	103-1				327		%
Rhodium	103-2				302		%
Scandium	45-1				327		%
Scandium	45-2				297		%
Selenium	82-1						ppb
Selenium	77-2						ppb
Selenium	78-2						ppb
Silicon	28-1						ppb
Silver	107-1						ppb
Silver	109-1						ppb
Sodium	23-2						ppb
Strontium	86-1						ppb
Strontium	88-1						ppb
Sulfur	34-1						ppb
Terbium	159-1				343		%
Terbium	159-2				313		%
Thallium	203-1						ppb
Thallium	205-1						ppb
Tin	118-1						ppb
Titanium	47-1						ppb
Uranium	238-1						ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 11:33:12	DataFile Name :	001SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2						ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				325		%
Yttrium	89-2				287		%
Zinc	66-2						ppb
Zirconium	90-1						ppb
Zirconium	91-1						ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:14:53	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.47	0.14	0.32	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.03	-0.01	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	0.01	-0.03	0.02	0.00	N/A	ppb
Cadmium	106-1	0.14	-0.42	0.29	0.00	N/A	ppb
Cadmium	111-1	0.00	0.00	0.00	0.00	N/A	ppb
Calcium	43-1	-0.07	1.18	-1.11	0.00	N/A	ppb
Calcium	44-1	0.71	-0.12	-0.59	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	0.01	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.01	0.00	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	-0.13	-0.03	0.16	0.00	N/A	ppb
Iron	56-2	-0.05	0.03	0.01	0.00	N/A	ppb
Iron	57-2	0.42	-0.22	-0.20	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 :	LB135672	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:14:53	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.00	0.00	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	0.07	0.08	-0.14	0.00	N/A	ppb
Manganese	55-2	-0.02	-0.01	0.02	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	0.00	0.00	N/A	ppb
Phosphorus	31-2	-10.40	-18.70	-19.13	-16.08		ppb
Potassium	39-2	-0.84	0.48	0.36	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	-0.02	-0.03	0.00	N/A	ppb
Selenium	77-2	-0.01	-0.01	0.01	0.00	N/A	ppb
Selenium	78-2	-0.07	-0.06	0.12	0.00	N/A	ppb
Silicon	28-1	0.32	-0.24	-0.08	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	-0.06	0.13	-0.07	0.00	N/A	ppb
Strontium	86-1	0.00	0.01	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-66.18	-155.88	-87.92	-103.33		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	0.00	0.01	0.00	N/A	ppb
Titanium	47-1	-0.01	0.01	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:14:53	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	0.01	0.01	-0.02	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 :	LB135672	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:21:34	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.30	19.81	20.14	20.42	3.82	ppb
Antimony	121-1	2.18	2.25	2.21	2.21	1.44	ppb
Arsenic	75-2	1.05	1.07	1.24	1.12	9.52	ppb
Barium	135-1	10.86	10.73	11.06	10.88	1.56	ppb
Barium	137-1	11.04	11.10	10.96	11.03	0.66	ppb
Beryllium	9-1	1.09	1.12	1.16	1.12	3.06	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	1.33	1.31	1.41	1.35	3.85	ppb
Cadmium	106-1	0.23	0.44	-0.12	0.19	152.52	ppb
Cadmium	111-1	1.16	1.22	1.16	1.18	2.65	ppb
Calcium	43-1	568.07	552.61	540.66	553.78	2.48	ppb
Calcium	44-1	549.43	544.86	539.33	544.54	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.17	2.15	2.10	2.14	1.59	ppb
Cobalt	59-2	1.16	1.13	1.12	1.14	1.54	ppb
Copper	63-2	2.36	2.44	2.38	2.39	1.59	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				99		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	54-2	58.01	58.85	59.19	58.68	1.03	ppb
Iron	56-2	56.02	56.05	55.02	55.70	1.06	ppb
Iron	57-2	56.64	56.89	53.86	55.79	3.01	ppb
Krypton	83-1						cps
Lead	206-1	1.01	0.99	1.02	1.01	1.18	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:21:34	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.02	1.00	1.04	1.02	2.01	ppb
Lead	208-1	1.01	1.01	1.03	1.02	1.41	ppb
Lithium	6-1				100		%
Magnesium	24-2	569.95	568.92	563.81	567.56	0.58	ppb
Manganese	55-2	1.03	0.97	1.07	1.02	4.63	ppb
Molybdenum	94-1	6.16	6.27	6.36	6.26	1.62	ppb
Molybdenum	95-1	5.16	5.36	5.29	5.27	1.85	ppb
Molybdenum	96-1	5.22	5.28	5.32	5.27	0.91	ppb
Molybdenum	97-1	5.25	5.28	5.37	5.30	1.20	ppb
Molybdenum	98-1	5.19	5.29	5.23	5.24	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	1.14	1.16	1.14	1.96	ppb
Phosphorus	31-2	17.30	11.86	19.07	16.08	23.39	ppb
Potassium	39-2	537.20	530.78	530.78	532.92	0.70	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	5.87	5.46	5.94	5.75	4.53	ppb
Selenium	77-2	5.24	6.60	2.89	4.91	38.24	ppb
Selenium	78-2	5.57	7.17	4.63	5.79	22.14	ppb
Silicon	28-1	3.12	2.39	2.37	2.63	16.40	ppb
Silver	107-1	1.08	1.12	1.11	1.10	1.72	ppb
Silver	109-1	1.11	1.18	1.14	1.14	3.00	ppb
Sodium	23-2	567.10	560.06	560.01	562.39	0.73	ppb
Strontium	86-1	1.05	1.09	1.08	1.07	2.02	ppb
Strontium	88-1	1.06	1.09	1.07	1.07	1.19	ppb
Sulfur	34-1	206.41	101.05	2.53	103.33	98.68	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	1.03	1.00	1.04	1.02	1.65	ppb
Thallium	205-1	1.01	1.02	1.00	1.01	1.37	ppb
Tin	118-1	5.46	5.60	5.63	5.56	1.65	ppb
Titanium	47-1	5.62	5.54	5.51	5.56	1.06	ppb
Uranium	238-1	0.97	1.00	0.98	0.98	1.39	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:21:34	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.35	5.45	5.30	5.36	1.41	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	5.66	5.48	5.32	5.49	3.08	ppb
Zirconium	90-1	1.03	1.06	1.08	1.06	1.99	ppb
Zirconium	91-1	0.98	1.06	1.05	1.03	4.09	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:24:54	DataFile Name :	007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1013.25	1024.67	1002.45	1013.46	1.10	ppb
Antimony	121-1	50.57	52.56	51.76	51.63	1.94	ppb
Arsenic	75-2	52.93	52.26	51.44	52.21	1.43	ppb
Barium	135-1	247.06	256.36	253.04	252.15	1.87	ppb
Barium	137-1	265.92	272.78	272.27	270.33	1.41	ppb
Beryllium	9-1	51.82	53.67	54.03	53.17	2.23	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	55.72	56.14	56.57	56.15	0.76	ppb
Cadmium	106-1	53.42	56.19	54.66	54.75	2.53	ppb
Cadmium	111-1	52.49	53.59	53.31	53.13	1.08	ppb
Calcium	43-1	5175.34	5277.38	5209.49	5220.74	0.99	ppb
Calcium	44-1	5190.70	5250.46	5235.73	5225.63	0.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.72	49.38	49.17	49.42	0.57	ppb
Cobalt	59-2	50.28	50.27	50.12	50.22	0.18	ppb
Copper	63-2	533.23	533.00	526.73	530.99	0.69	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				98		%
Indium	115-2				96		%
Iron	54-2	2640.08	2671.40	2623.36	2644.95	0.92	ppb
Iron	56-2	2609.62	2651.82	2613.59	2625.01	0.89	ppb
Iron	57-2	2571.03	2557.48	2546.54	2558.35	0.48	ppb
Krypton	83-1						cps
Lead	206-1	255.63	257.95	256.90	256.83	0.45	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:24:54	DataFile Name :	007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	259.81	257.01	259.79	258.87	0.62	ppb
Lead	208-1	257.01	254.73	256.21	255.98	0.45	ppb
Lithium	6-1				98		%
Magnesium	24-2	5308.29	5298.98	5305.75	5304.34	0.09	ppb
Manganese	55-2	499.11	506.52	494.63	500.09	1.20	ppb
Molybdenum	94-1	504.00	503.50	518.28	508.59	1.65	ppb
Molybdenum	95-1	511.37	500.89	511.34	507.87	1.19	ppb
Molybdenum	96-1	504.25	499.10	513.14	505.49	1.41	ppb
Molybdenum	97-1	509.30	511.07	512.43	510.93	0.31	ppb
Molybdenum	98-1	504.09	513.12	516.53	511.25	1.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.65	50.02	50.39	50.02	0.74	ppb
Phosphorus	31-2	1068.65	1046.29	986.45	1033.80	4.11	ppb
Potassium	39-2	2587.44	2606.36	2591.17	2594.99	0.39	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	53.62	52.61	54.05	53.43	1.38	ppb
Selenium	77-2	63.33	54.82	52.88	57.01	9.75	ppb
Selenium	78-2	52.89	55.73	58.20	55.61	4.78	ppb
Silicon	28-1	53.29	53.67	53.27	53.41	0.42	ppb
Silver	107-1	54.58	58.27	57.23	56.69	3.35	ppb
Silver	109-1	56.01	57.83	57.68	57.17	1.76	ppb
Sodium	23-2	5319.36	5301.95	5336.01	5319.10	0.32	ppb
Strontium	86-1	49.53	49.91	50.37	49.94	0.84	ppb
Strontium	88-1	52.17	50.91	52.35	51.81	1.51	ppb
Sulfur	34-1	1483.07	1435.94	1441.34	1453.45	1.77	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	48.79	48.17	48.82	48.60	0.75	ppb
Thallium	205-1	51.15	50.76	50.52	50.81	0.62	ppb
Tin	118-1	51.51	52.60	52.56	52.22	1.19	ppb
Titanium	47-1	529.10	528.26	535.87	531.08	0.79	ppb
Uranium	238-1	49.89	49.49	48.72	49.37	1.21	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:24:54	DataFile Name :	007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	49.82	50.05	49.44	49.77	0.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	515.64	520.65	511.96	516.08	0.84	ppb
Zirconium	90-1	50.51	51.81	51.80	51.37	1.46	ppb
Zirconium	91-1	48.22	48.65	49.40	48.76	1.22	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:27:56	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2549.06	2577.48	2524.31	2550.28	1.04	ppb
Antimony	121-1	129.41	132.37	135.41	132.40	2.27	ppb
Arsenic	75-2	130.80	127.75	128.67	129.07	1.21	ppb
Barium	135-1	633.77	643.28	652.02	643.03	1.42	ppb
Barium	137-1	633.64	667.69	652.40	651.24	2.62	ppb
Beryllium	9-1	129.48	132.56	127.41	129.81	2.00	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	133.18	136.24	134.26	134.56	1.15	ppb
Cadmium	106-1	129.94	136.08	133.12	133.05	2.31	ppb
Cadmium	111-1	125.17	129.30	126.34	126.94	1.67	ppb
Calcium	43-1	12829.02	12724.82	12796.65	12783.50	0.42	ppb
Calcium	44-1	12756.84	12526.30	12797.80	12693.65	1.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	121.26	123.24	119.69	121.40	1.47	ppb
Cobalt	59-2	123.33	125.50	122.99	123.94	1.10	ppb
Copper	63-2	1320.73	1297.98	1279.08	1299.26	1.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				92		%
Iron	54-2	6492.30	6600.16	6479.53	6524.00	1.02	ppb
Iron	56-2	6503.53	6602.46	6557.58	6554.52	0.76	ppb
Iron	57-2	6321.21	6402.35	6363.37	6362.31	0.64	ppb
Krypton	83-1						cps
Lead	206-1	615.14	613.64	606.08	611.62	0.79	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:27:56	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	618.64	623.84	613.31	618.60	0.85	ppb
Lead	208-1	617.04	620.38	616.39	617.94	0.35	ppb
Lithium	6-1				97		%
Magnesium	24-2	13162.59	13422.30	13207.51	13264.13	1.05	ppb
Manganese	55-2	1293.83	1335.17	1263.51	1297.50	2.77	ppb
Molybdenum	94-1	1248.97	1255.85	1270.91	1258.58	0.89	ppb
Molybdenum	95-1	1270.73	1253.29	1256.59	1260.20	0.74	ppb
Molybdenum	96-1	1270.23	1245.37	1241.70	1252.43	1.24	ppb
Molybdenum	97-1	1253.49	1253.06	1247.08	1251.21	0.29	ppb
Molybdenum	98-1	1255.65	1259.34	1264.95	1259.98	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	125.14	125.51	124.48	125.04	0.42	ppb
Phosphorus	31-2	2553.61	2610.56	2569.24	2577.80	1.14	ppb
Potassium	39-2	6413.61	6525.34	6339.60	6426.18	1.46	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	82-1	129.58	127.84	130.06	129.16	0.90	ppb
Selenium	77-2	128.96	116.97	146.94	130.96	11.52	ppb
Selenium	78-2	134.46	133.40	126.90	131.59	3.11	ppb
Silicon	28-1	294.57	298.32	292.24	295.04	1.04	ppb
Silver	107-1	133.30	136.76	131.42	133.83	2.02	ppb
Silver	109-1	134.73	137.66	136.03	136.14	1.08	ppb
Sodium	23-2	13286.88	13068.62	13092.19	13149.23	0.91	ppb
Strontium	86-1	121.63	122.01	123.16	122.27	0.65	ppb
Strontium	88-1	126.33	124.43	126.20	125.65	0.85	ppb
Sulfur	34-1	3416.56	3200.98	3174.35	3263.97	4.07	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	123.96	125.61	123.62	124.40	0.85	ppb
Thallium	205-1	121.43	122.32	119.25	121.00	1.31	ppb
Tin	118-1	130.73	136.56	132.97	133.42	2.20	ppb
Titanium	47-1	1270.23	1261.55	1253.99	1261.93	0.64	ppb
Uranium	238-1	119.11	122.02	119.32	120.15	1.35	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:27:56	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	123.22	125.08	122.55	123.62	1.06	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	1270.95	1286.41	1257.74	1271.70	1.13	ppb
Zirconium	90-1	126.23	127.07	126.49	126.60	0.34	ppb
Zirconium	91-1	120.74	120.07	121.19	120.67	0.47	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:30:51	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5049.98	4968.99	5033.01	5017.33	0.85	ppb
Antimony	121-1	258.23	259.91	260.94	259.69	0.53	ppb
Arsenic	75-2	246.62	260.12	257.32	254.69	2.80	ppb
Barium	135-1	1278.06	1292.36	1264.22	1278.21	1.10	ppb
Barium	137-1	1256.73	1300.57	1267.72	1275.01	1.79	ppb
Beryllium	9-1	254.78	262.37	255.56	257.57	1.62	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	261.59	266.01	259.62	262.40	1.25	ppb
Cadmium	106-1	258.83	261.45	259.86	260.05	0.51	ppb
Cadmium	111-1	267.41	270.21	267.30	268.31	0.61	ppb
Calcium	43-1	25783.84	25970.28	25709.78	25821.30	0.52	ppb
Calcium	44-1	25535.43	25500.45	25283.25	25439.71	0.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	243.23	242.56	244.01	243.27	0.30	ppb
Cobalt	59-2	259.40	257.49	257.00	257.96	0.49	ppb
Copper	63-2	2616.74	2595.55	2569.40	2593.90	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				101		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				89		%
Iron	54-2	13569.73	13349.37	13542.75	13487.28	0.89	ppb
Iron	56-2	13157.38	13164.30	13240.04	13187.24	0.35	ppb
Iron	57-2	12686.20	12656.12	12785.97	12709.43	0.53	ppb
Krypton	83-1						cps
Lead	206-1	1238.24	1304.29	1268.59	1270.37	2.60	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:30:51	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1236.11	1280.86	1281.51	1266.16	2.06	ppb
Lead	208-1	1246.86	1283.41	1272.30	1267.52	1.48	ppb
Lithium	6-1				93		%
Magnesium	24-2	26118.83	26033.47	26589.18	26247.16	1.14	ppb
Manganese	55-2	2576.46	2558.17	2545.24	2559.96	0.61	ppb
Molybdenum	94-1	2502.91	2506.93	2483.20	2497.68	0.51	ppb
Molybdenum	95-1	2482.45	2497.19	2466.86	2482.17	0.61	ppb
Molybdenum	96-1	2505.25	2496.96	2498.51	2500.24	0.18	ppb
Molybdenum	97-1	2549.64	2507.79	2523.89	2527.10	0.84	ppb
Molybdenum	98-1	2548.96	2522.87	2525.84	2532.56	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	246.03	244.29	245.21	245.18	0.36	ppb
Phosphorus	31-2	5274.89	4971.37	5144.87	5130.38	2.97	ppb
Potassium	39-2	13048.94	13003.12	12839.24	12963.77	0.85	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				89		%
Selenium	82-1	258.55	256.49	257.25	257.43	0.40	ppb
Selenium	77-2	267.46	255.46	251.32	258.08	3.25	ppb
Selenium	78-2	249.95	270.26	258.90	259.70	3.92	ppb
Silicon	28-1	262.44	264.49	261.37	262.77	0.60	ppb
Silver	107-1	266.04	265.94	263.59	265.19	0.52	ppb
Silver	109-1	263.04	264.21	262.40	263.22	0.35	ppb
Sodium	23-2	26133.38	26056.79	26218.14	26136.10	0.31	ppb
Strontium	86-1	252.16	258.66	252.91	254.58	1.40	ppb
Strontium	88-1	254.27	252.51	253.91	253.57	0.37	ppb
Sulfur	34-1	6406.73	6248.64	6150.02	6268.47	2.07	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	246.33	260.54	252.19	253.02	2.82	ppb
Thallium	205-1	240.84	259.55	249.49	249.96	3.75	ppb
Tin	118-1	255.65	260.52	261.89	259.35	1.26	ppb
Titanium	47-1	2539.19	2507.50	2508.41	2518.37	0.72	ppb
Uranium	238-1	242.97	251.02	248.31	247.43	1.65	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:30:51	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	247.98	244.60	246.45	246.34	0.69	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	2633.24	2647.16	2663.21	2647.87	0.57	ppb
Zirconium	90-1	246.67	247.89	249.71	248.09	0.62	ppb
Zirconium	91-1	255.93	254.06	253.49	254.49	0.50	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:33:38	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9999.30	9909.08	10002.11	9970.16	0.53	ppb
Antimony	121-1	496.91	511.13	502.96	503.67	1.42	ppb
Arsenic	75-2	498.25	498.16	506.97	501.13	1.01	ppb
Barium	135-1	2465.79	2504.40	2531.01	2500.40	1.31	ppb
Barium	137-1	2494.99	2518.35	2517.14	2510.16	0.52	ppb
Beryllium	9-1	506.89	503.76	499.95	503.53	0.69	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	493.75	505.49	512.29	503.84	1.86	ppb
Cadmium	106-1	494.93	499.58	503.99	499.50	0.91	ppb
Cadmium	111-1	502.21	524.50	513.95	513.55	2.17	ppb
Calcium	43-1	51198.01	51953.11	51364.15	51505.09	0.77	ppb
Calcium	44-1	50185.58	51143.27	49765.43	50364.76	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	520.04	509.86	516.39	515.43	1.00	ppb
Cobalt	59-2	509.23	509.12	514.40	510.92	0.59	ppb
Copper	63-2	5153.40	5126.68	5160.23	5146.77	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				96		%
Indium	115-1				93		%
Indium	115-2				87		%
Iron	54-2	26808.03	26631.45	26626.77	26688.75	0.39	ppb
Iron	56-2	25917.29	26100.03	26409.71	26142.34	0.95	ppb
Iron	57-2	26851.96	26859.64	27242.17	26984.59	0.83	ppb
Krypton	83-1						cps
Lead	206-1	2492.52	2458.29	2503.84	2484.88	0.95	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:33:38	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2494.65	2455.86	2514.58	2488.36	1.20	ppb
Lead	208-1	2507.43	2462.32	2499.53	2489.76	0.97	ppb
Lithium	6-1				92		%
Magnesium	24-2	53324.01	51789.64	52137.03	52416.89	1.53	ppb
Manganese	55-2	5060.21	5008.21	5078.86	5049.09	0.73	ppb
Molybdenum	94-1	4940.78	4910.63	4982.30	4944.57	0.73	ppb
Molybdenum	95-1	4913.48	4935.78	5054.24	4967.83	1.52	ppb
Molybdenum	96-1	4956.46	4924.80	5129.50	5003.59	2.20	ppb
Molybdenum	97-1	5068.34	4928.27	5138.47	5045.03	2.12	ppb
Molybdenum	98-1	5024.10	4906.36	5078.78	5003.08	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.04	478.30	481.13	479.82	0.30	ppb
Phosphorus	31-2	10185.22	10140.37	10230.62	10185.40	0.44	ppb
Potassium	39-2	25354.05	25477.91	25487.69	25439.88	0.29	ppb
Rhodium	103-1				90		%
Rhodium	103-2				88		%
Scandium	45-1				89		%
Scandium	45-2				87		%
Selenium	82-1	498.18	496.34	515.20	503.24	2.07	ppb
Selenium	77-2	496.57	496.58	516.61	503.26	2.30	ppb
Selenium	78-2	491.46	512.77	513.47	505.90	2.47	ppb
Silicon	28-1	513.50	522.36	522.99	519.62	1.02	ppb
Silver	107-1	498.30	505.61	510.48	504.80	1.21	ppb
Silver	109-1	492.86	515.07	516.43	508.12	2.60	ppb
Sodium	23-2	53685.11	52201.62	51543.51	52476.75	2.09	ppb
Strontium	86-1	494.96	499.79	518.01	504.25	2.41	ppb
Strontium	88-1	500.82	497.37	502.43	500.21	0.52	ppb
Sulfur	34-1	9184.26	9911.95	9800.66	9632.29	4.07	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	502.25	497.61	497.17	499.01	0.56	ppb
Thallium	205-1	493.76	496.63	494.10	494.83	0.32	ppb
Tin	118-1	495.22	512.35	500.77	502.78	1.74	ppb
Titanium	47-1	4983.10	5059.35	5020.56	5021.01	0.76	ppb
Uranium	238-1	494.74	489.83	507.49	497.35	1.83	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:33:38	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	512.32	509.60	517.05	512.99	0.74	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				93		%
Yttrium	89-2				89		%
Zinc	66-2	5133.15	5160.92	5093.18	5129.08	0.66	ppb
Zirconium	90-1	489.98	498.25	503.46	497.23	1.37	ppb
Zirconium	91-1	485.06	507.74	510.11	500.97	2.76	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:36:24	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19790.98	20273.62	19866.18	19976.93	1.30	ppb
Antimony	121-1	986.10	987.80	1010.31	994.74	1.36	ppb
Arsenic	75-2	998.69	1001.43	992.82	997.64	0.44	ppb
Barium	135-1	4913.43	5012.51	5045.21	4990.38	1.38	ppb
Barium	137-1	4890.10	4966.75	5096.26	4984.37	2.09	ppb
Beryllium	9-1	1005.09	984.34	997.31	995.58	1.05	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	976.35	986.23	1017.84	993.47	2.18	ppb
Cadmium	106-1	981.78	994.66	1013.04	996.50	1.58	ppb
Cadmium	111-1	972.85	989.07	1002.82	988.25	1.52	ppb
Calcium	43-1	98453.52	100859.17	100591.10	99967.93	1.32	ppb
Calcium	44-1	99437.42	101480.36	100383.54	100433.77	1.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	992.94	997.57	992.84	994.45	0.27	ppb
Cobalt	59-2	1004.88	980.60	992.54	992.67	1.22	ppb
Copper	63-2	9845.45	9916.38	9924.47	9895.43	0.44	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				96		%
Indium	115-1				91		%
Indium	115-2				85		%
Iron	54-2	51654.45	52117.60	52612.50	52128.18	0.92	ppb
Iron	56-2	51163.29	50949.15	50970.45	51027.63	0.23	ppb
Iron	57-2	51121.02	51585.96	51492.52	51399.83	0.48	ppb
Krypton	83-1						cps
Lead	206-1	5012.84	5030.20	4968.35	5003.80	0.64	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:36:24	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	5010.97	4979.51	5015.93	5002.14	0.39	ppb
Lead	208-1	5009.02	5012.60	4982.34	5001.32	0.33	ppb
Lithium	6-1				88		%
Magnesium	24-2	101953.25	102173.72	101705.35	101944.10	0.23	ppb
Manganese	55-2	9968.79	9917.76	9977.02	9954.52	0.32	ppb
Molybdenum	94-1	9950.42	9995.33	10134.62	10026.79	0.96	ppb
Molybdenum	95-1	10012.60	9970.04	10073.98	10018.87	0.52	ppb
Molybdenum	96-1	10009.96	10001.17	9981.57	9997.57	0.15	ppb
Molybdenum	97-1	9920.89	9994.60	9994.55	9970.01	0.43	ppb
Molybdenum	98-1	9880.00	9968.45	10117.09	9988.51	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1028.13	996.43	1009.31	1011.29	1.58	ppb
Phosphorus	31-2	19737.79	19697.14	20154.94	19863.29	1.28	ppb
Potassium	39-2	50086.20	49744.55	49163.43	49664.73	0.94	ppb
Rhodium	103-1				88		%
Rhodium	103-2				87		%
Scandium	45-1				88		%
Scandium	45-2				89		%
Selenium	82-1	996.69	989.04	1001.74	995.83	0.64	ppb
Selenium	77-2	1012.40	986.55	986.83	995.26	1.49	ppb
Selenium	78-2	990.51	985.56	1004.48	993.52	0.99	ppb
Silicon	28-1	968.41	967.77	960.76	965.65	0.44	ppb
Silver	107-1	980.44	984.48	1012.18	992.37	1.74	ppb
Silver	109-1	977.97	988.43	1006.25	990.88	1.44	ppb
Sodium	23-2	101475.61	103292.11	101983.29	102250.34	0.92	ppb
Strontium	86-1	997.09	992.44	1001.68	997.07	0.46	ppb
Strontium	88-1	990.77	1003.60	1002.13	998.83	0.70	ppb
Sulfur	34-1	19711.92	19664.07	19869.71	19748.57	0.54	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	1003.96	1007.39	988.31	999.89	1.02	ppb
Thallium	205-1	1010.71	1007.20	991.25	1003.05	1.03	ppb
Tin	118-1	978.63	995.82	1010.86	995.10	1.62	ppb
Titanium	47-1	9950.74	9969.20	10025.64	9981.86	0.39	ppb
Uranium	238-1	990.65	995.39	1021.76	1002.60	1.67	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:36:24	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	984.29	1008.00	991.51	994.60	1.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				92		%
Yttrium	89-2				89		%
Zinc	66-2	9778.54	10052.41	9853.97	9894.97	1.43	ppb
Zirconium	90-1	1002.92	1000.92	1000.95	1001.60	0.11	ppb
Zirconium	91-1	1005.20	991.39	1000.38	998.99	0.70	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:39:12	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101087.22	100309.59	98619.21	100005.34	1.26	ppb
Antimony	121-1	0.75	0.74	0.72	0.73	1.84	ppb
Arsenic	75-2	0.53	0.46	0.64	0.54	17.46	ppb
Barium	135-1	1.97	1.92	1.96	1.95	1.42	ppb
Barium	137-1	1.99	1.96	2.01	1.99	1.38	ppb
Beryllium	9-1	0.15	0.12	0.11	0.13	16.67	ppb
Bismuth	209-1				89		%
Bismuth	209-2				86		%
Bromine	81-1						cps
Cadmium	108-1	0.31	0.31	0.34	0.32	5.09	ppb
Cadmium	106-1	-4.68	-4.74	-4.72	-4.71		ppb
Cadmium	111-1	0.09	0.07	0.07	0.08	15.97	ppb
Calcium	43-1	506598.17	493981.52	498836.78	499805.49	1.27	ppb
Calcium	44-1	504699.92	495014.02	499828.99	499847.64	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.70	8.49	8.53	8.57	1.26	ppb
Cobalt	59-2	2.12	1.97	2.10	2.06	3.84	ppb
Copper	63-2	2.78	2.75	2.79	2.77	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				94		%
Indium	115-1				88		%
Indium	115-2				86		%
Iron	54-2	252601.81	249008.51	246433.15	249347.82	1.24	ppb
Iron	56-2	255531.11	246441.54	246938.39	249637.01	2.05	ppb
Iron	57-2	251768.58	247346.38	249408.18	249507.71	0.89	ppb
Krypton	83-1						cps
Lead	206-1	5.68	5.72	5.69	5.70	0.39	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:39:12	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	5.75	5.85	5.69	5.76	1.44	ppb
Lead	208-1	5.72	5.78	5.75	5.75	0.53	ppb
Lithium	6-1				87		%
Magnesium	24-2	506113.00	494399.76	497342.00	499284.92	1.22	ppb
Manganese	55-2	4.62	4.38	4.34	4.45	3.43	ppb
Molybdenum	94-1	2.07	1.85	1.85	1.92	6.54	ppb
Molybdenum	95-1	1.31	1.25	1.19	1.25	4.59	ppb
Molybdenum	96-1	2.00	1.93	1.86	1.93	3.49	ppb
Molybdenum	97-1	1.29	1.24	1.16	1.23	5.32	ppb
Molybdenum	98-1	1.26	1.17	1.13	1.19	5.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.56	4.59	4.68	4.61	1.33	ppb
Phosphorus	31-2	-6.85	-17.91	-4.95	-9.90		ppb
Potassium	39-2	252467.41	247416.61	250099.35	249994.46	1.01	ppb
Rhodium	103-1				82		%
Rhodium	103-2				82		%
Scandium	45-1				88		%
Scandium	45-2				90		%
Selenium	82-1	0.34	0.40	0.96	0.57	60.15	ppb
Selenium	77-2	0.04	0.56	0.05	0.22	134.50	ppb
Selenium	78-2	0.35	0.04	0.22	0.20	74.85	ppb
Silicon	28-1	7.43	6.37	5.79	6.53	12.76	ppb
Silver	107-1	0.10	0.09	0.08	0.09	12.97	ppb
Silver	109-1	0.11	0.09	0.08	0.09	14.31	ppb
Sodium	23-2	508862.73	491594.12	497221.05	499225.97	1.76	ppb
Strontium	86-1	3.17	3.14	3.15	3.16	0.43	ppb
Strontium	88-1	3.20	3.24	3.16	3.20	1.28	ppb
Sulfur	34-1	-758.08	-674.71	-624.79	-685.86		ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	0.16	0.13	0.13	0.14	12.33	ppb
Thallium	205-1	0.14	0.13	0.13	0.13	7.45	ppb
Tin	118-1	0.19	0.20	0.17	0.19	6.92	ppb
Titanium	47-1	0.98	0.92	0.94	0.95	3.48	ppb
Uranium	238-1	0.05	0.04	0.03	0.04	16.40	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:39:12	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.26	0.25	0.25	0.25	1.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				91		%
Yttrium	89-2				91		%
Zinc	66-2	59.87	59.05	58.71	59.21	1.01	ppb
Zirconium	90-1	0.46	0.44	0.45	0.45	3.13	ppb
Zirconium	91-1	0.45	0.47	0.41	0.45	6.11	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:52:15	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	486.75	480.42	470.31	479.16	1.73	ppb
Antimony	121-1	199.35	203.44	205.92	202.90	1.63	ppb
Arsenic	75-2	197.16	198.83	198.83	198.27	0.49	ppb
Barium	135-1	96.12	97.55	98.93	97.53	1.44	ppb
Barium	137-1	97.81	98.76	99.99	98.86	1.10	ppb
Beryllium	9-1	98.78	99.01	97.92	98.57	0.58	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	90.06	90.16	93.72	91.31	2.28	ppb
Cadmium	106-1	81.89	84.34	82.08	82.77	1.64	ppb
Cadmium	111-1	100.51	101.73	103.51	101.92	1.48	ppb
Calcium	43-1	1884.62	1956.16	1925.36	1922.04	1.87	ppb
Calcium	44-1	1960.34	2001.49	1962.11	1974.64	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97.87	97.83	96.98	97.56	0.52	ppb
Cobalt	59-2	101.08	100.11	100.00	100.40	0.59	ppb
Copper	63-2	101.44	100.76	100.78	100.99	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	54-2	2088.13	2059.30	2068.42	2071.95	0.71	ppb
Iron	56-2	2059.08	2017.35	2031.93	2036.12	1.04	ppb
Iron	57-2	1979.52	1963.88	1951.87	1965.09	0.71	ppb
Krypton	83-1						cps
Lead	206-1	208.63	201.73	199.99	203.45	2.25	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:52:15	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	203.10	195.88	190.93	196.64	3.11	ppb
Lead	208-1	204.01	196.93	195.72	198.89	2.25	ppb
Lithium	6-1				98		%
Magnesium	24-2	1193.66	1176.78	1180.70	1183.71	0.75	ppb
Manganese	55-2	97.82	97.17	97.03	97.34	0.43	ppb
Molybdenum	94-1	0.13	0.11	0.13	0.13	8.89	ppb
Molybdenum	95-1	0.05	0.05	0.05	0.05	5.70	ppb
Molybdenum	96-1	0.08	0.09	0.08	0.08	7.14	ppb
Molybdenum	97-1	0.06	0.05	0.05	0.05	0.86	ppb
Molybdenum	98-1	0.05	0.06	0.05	0.05	5.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.56	100.16	99.02	99.91	0.80	ppb
Phosphorus	31-2	-10.12	-3.12	-15.48	-9.57		ppb
Potassium	39-2	1921.52	1914.35	1918.86	1918.24	0.19	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	204.29	210.76	207.96	207.67	1.56	ppb
Selenium	77-2	210.52	221.32	200.74	210.86	4.88	ppb
Selenium	78-2	205.98	224.51	205.15	211.88	5.16	ppb
Silicon	28-1	-0.76	-0.67	-0.83	-0.75		ppb
Silver	107-1	1.75	1.75	1.78	1.76	0.96	ppb
Silver	109-1	1.74	1.78	1.83	1.79	2.70	ppb
Sodium	23-2	2030.19	2013.38	2012.94	2018.83	0.49	ppb
Strontium	86-1	0.25	0.26	0.25	0.25	1.71	ppb
Strontium	88-1	0.27	0.28	0.27	0.27	0.90	ppb
Sulfur	34-1	-241.90	-201.47	-355.75	-266.37		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	200.45	195.15	192.67	196.09	2.03	ppb
Thallium	205-1	199.12	195.16	195.51	196.60	1.12	ppb
Tin	118-1	0.04	0.03	0.03	0.03	8.65	ppb
Titanium	47-1	0.05	0.06	0.05	0.05	4.56	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:52:15	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	97.47	96.04	96.86	96.79	0.74	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	197.09	196.50	196.03	196.54	0.27	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	3.63	ppb
Zirconium	91-1	0.10	0.10	0.10	0.10	3.09	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:16:08	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.52	20.90	18.82	19.75	5.36	ppb
Antimony	121-1	2.07	2.15	2.16	2.13	2.35	ppb
Arsenic	75-2	1.32	1.02	1.08	1.14	13.73	ppb
Barium	135-1	10.25	10.39	10.79	10.48	2.70	ppb
Barium	137-1	10.51	10.57	10.84	10.64	1.64	ppb
Beryllium	9-1	1.14	1.12	1.16	1.14	1.80	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Cadmium	108-1	1.27	1.18	1.16	1.20	4.51	ppb
Cadmium	106-1	-5.88	-5.62	-5.76	-5.76		ppb
Cadmium	111-1	1.02	1.07	1.05	1.05	2.52	ppb
Calcium	43-1	531.80	534.76	532.18	532.91	0.30	ppb
Calcium	44-1	514.66	522.81	527.05	521.51	1.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.04	2.08	2.15	2.09	2.59	ppb
Cobalt	59-2	1.12	1.10	1.15	1.12	2.27	ppb
Copper	63-2	2.22	2.23	2.20	2.22	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	54-2	57.19	57.52	57.41	57.38	0.29	ppb
Iron	56-2	55.78	55.53	55.61	55.64	0.22	ppb
Iron	57-2	52.73	55.50	55.14	54.45	2.77	ppb
Krypton	83-1						cps
Lead	206-1	1.04	1.00	0.99	1.01	2.66	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:16:08	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.03	1.02	1.01	1.02	0.96	ppb
Lead	208-1	1.03	1.00	1.01	1.01	1.40	ppb
Lithium	6-1				99		%
Magnesium	24-2	566.72	570.33	562.83	566.62	0.66	ppb
Manganese	55-2	0.89	0.89	0.94	0.91	2.83	ppb
Molybdenum	94-1	5.99	5.99	6.04	6.01	0.45	ppb
Molybdenum	95-1	5.01	5.04	5.05	5.03	0.36	ppb
Molybdenum	96-1	5.15	5.10	5.21	5.15	1.05	ppb
Molybdenum	97-1	5.04	5.09	5.14	5.09	0.93	ppb
Molybdenum	98-1	5.07	5.06	5.02	5.05	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.00	1.03	1.03	3.85	ppb
Phosphorus	31-2	8.35	10.88	10.30	9.84	13.47	ppb
Potassium	39-2	537.15	519.24	526.90	527.76	1.70	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	5.43	5.19	5.60	5.41	3.80	ppb
Selenium	77-2	9.88	6.32	4.95	7.05	36.11	ppb
Selenium	78-2	5.48	6.85	4.97	5.76	16.87	ppb
Silicon	28-1	0.76	0.54	0.48	0.60	24.81	ppb
Silver	107-1	1.04	1.09	1.10	1.08	3.34	ppb
Silver	109-1	1.06	1.08	1.13	1.09	3.03	ppb
Sodium	23-2	566.96	556.67	562.33	561.99	0.92	ppb
Strontium	86-1	1.01	1.05	1.07	1.04	2.73	ppb
Strontium	88-1	1.03	1.05	1.04	1.04	0.98	ppb
Sulfur	34-1	-232.48	-137.78	-135.60	-168.62		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	1.00	1.01	1.03	1.02	1.29	ppb
Thallium	205-1	1.02	1.01	1.02	1.02	0.61	ppb
Tin	118-1	5.24	5.32	5.48	5.35	2.31	ppb
Titanium	47-1	5.31	5.29	5.46	5.35	1.74	ppb
Uranium	238-1	0.97	0.97	0.99	0.97	1.24	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:16:08	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.23	5.30	5.42	5.32	1.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	5.30	5.38	5.55	5.41	2.38	ppb
Zirconium	90-1	1.02	1.01	1.02	1.02	0.49	ppb
Zirconium	91-1	1.02	1.00	1.04	1.02	2.04	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:22:15	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.14	-0.63	-0.45	-0.74		ppb
Antimony	121-1	0.00	0.00	0.01	0.00	23.14	ppb
Arsenic	75-2	0.01	-0.01	-0.01	0.00		ppb
Barium	135-1	-0.01	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Cadmium	108-1	-0.03	-0.01	-0.02	-0.02		ppb
Cadmium	106-1	-7.18	-7.78	-6.91	-7.29		ppb
Cadmium	111-1	-0.08	-0.09	-0.08	-0.08		ppb
Calcium	43-1	-6.07	-7.58	-7.90	-7.18		ppb
Calcium	44-1	-8.84	-9.18	-10.45	-9.49		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		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	-0.02	-0.03	-0.03	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	54-2	0.04	0.15	-0.03	0.05	166.14	ppb
Iron	56-2	-0.06	-0.06	-0.09	-0.07		ppb
Iron	57-2	-0.25	-0.28	0.18	-0.12		ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.01	0.01	9.14	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:22:15	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.01	0.01	0.01	0.01	30.03	ppb
Lead	208-1	0.01	0.01	0.01	0.01	9.39	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.11	0.24	0.25	0.20	38.03	ppb
Manganese	55-2	-0.03	-0.13	-0.07	-0.08		ppb
Molybdenum	94-1	0.00	0.01	0.00	0.00	34.74	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.01	0.00	0.00	0.00	190.82	ppb
Molybdenum	97-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	98-1	0.00	-0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	-0.03	-0.01		ppb
Phosphorus	31-2	-24.47	-26.83	-13.35	-21.55		ppb
Potassium	39-2	-4.14	-5.09	-4.39	-4.54		ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	-0.17	-0.29	-0.28	-0.25		ppb
Selenium	77-2	-0.47	-0.47	-0.01	-0.32		ppb
Selenium	78-2	-0.75	-1.01	-0.61	-0.79		ppb
Silicon	28-1	-1.67	-1.77	-1.78	-1.74		ppb
Silver	107-1	0.01	0.01	0.00	0.01	21.33	ppb
Silver	109-1	0.00	0.00	0.00	0.00	16.16	ppb
Sodium	23-2	0.87	-0.73	-0.39	-0.08		ppb
Strontium	86-1	-0.01	-0.02	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	4.70	-63.68	-209.03	-89.34		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	0.01	0.01	0.01	0.01	24.19	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	6.87	ppb
Tin	118-1	0.00	0.00	0.00	0.00	246.39	ppb
Titanium	47-1	0.01	0.00	0.00	0.01	109.31	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:22:15	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	1367.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	-0.14	-0.04	-0.11	-0.10		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	15.28	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:25:36	DataFile Name :	020ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93078.16	91972.18	92327.47	92459.27	0.61	ppb
Antimony	121-1	1.06	1.09	1.10	1.09	2.00	ppb
Arsenic	75-2	0.35	0.23	0.28	0.29	20.62	ppb
Barium	135-1	1.36	1.42	1.34	1.37	3.05	ppb
Barium	137-1	1.37	1.43	1.41	1.40	2.19	ppb
Beryllium	9-1	0.25	0.30	0.27	0.27	8.68	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	10.38	11.04	10.78	10.73	3.12	ppb
Cadmium	106-1	-8.13	-8.16	-8.09	-8.13		ppb
Cadmium	111-1	0.34	0.29	0.34	0.32	9.30	ppb
Calcium	43-1	99535.96	100486.13	101381.59	100467.89	0.92	ppb
Calcium	44-1	98619.62	99934.69	100215.00	99589.77	0.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.24	19.18	19.15	19.19	0.25	ppb
Cobalt	59-2	1.13	1.13	1.17	1.14	2.10	ppb
Copper	63-2	7.63	7.50	7.63	7.59	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	54-2	104533.01	102982.50	101909.77	103141.76	1.28	ppb
Iron	56-2	101947.57	103402.04	102053.95	102467.85	0.79	ppb
Iron	57-2	104036.71	102701.05	102787.96	103175.24	0.72	ppb
Krypton	83-1						cps
Lead	206-1	4.38	4.40	4.47	4.42	1.03	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:25:36	DataFile Name :	020ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4.08	4.14	4.06	4.10	1.00	ppb
Lead	208-1	4.21	4.26	4.24	4.24	0.65	ppb
Lithium	6-1				92		%
Magnesium	24-2	98870.14	98689.63	97773.08	98444.28	0.60	ppb
Manganese	55-2	7.17	7.10	7.18	7.15	0.58	ppb
Molybdenum	94-1	1580.31	1545.12	1636.55	1587.33	2.91	ppb
Molybdenum	95-1	1915.20	1895.19	1965.19	1925.19	1.87	ppb
Molybdenum	96-1	1870.77	1861.94	1914.27	1882.33	1.49	ppb
Molybdenum	97-1	1969.17	1909.80	1966.98	1948.65	1.73	ppb
Molybdenum	98-1	1975.45	1952.12	1964.34	1963.97	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.12	5.26	5.18	5.19	1.33	ppb
Phosphorus	31-2	103235.97	103072.83	102384.08	102897.63	0.44	ppb
Potassium	39-2	99523.41	100588.19	99556.60	99889.40	0.61	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	-0.08	-0.06	0.06	-0.03		ppb
Selenium	77-2	0.02	-0.47	0.48	0.01	5530.23	ppb
Selenium	78-2	-0.30	-0.59	-0.32	-0.40		ppb
Silicon	28-1	6.01	5.44	4.97	5.48	9.53	ppb
Silver	107-1	0.05	0.05	0.05	0.05	7.74	ppb
Silver	109-1	0.06	0.05	0.05	0.05	7.04	ppb
Sodium	23-2	105324.65	104942.30	105102.84	105123.26	0.18	ppb
Strontium	86-1	32.45	31.79	32.90	32.38	1.73	ppb
Strontium	88-1	34.49	34.75	34.90	34.71	0.60	ppb
Sulfur	34-1	100063.04	100469.59	99218.14	99916.92	0.64	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.05	0.07	0.09	0.07	23.41	ppb
Thallium	205-1	0.05	0.08	0.09	0.07	24.17	ppb
Tin	118-1	0.19	0.20	0.17	0.19	9.72	ppb
Titanium	47-1	2004.48	2031.67	2067.71	2034.62	1.56	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	3.09	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:25:36	DataFile Name :	020ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.14	0.15	0.14	0.15	4.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	10.45	10.58	10.79	10.60	1.62	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	9.28	ppb
Zirconium	91-1	0.03	0.04	0.05	0.04	27.40	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:41:34	DataFile Name :	023ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91055.46	91475.40	91690.14	91407.00	0.35	ppb
Antimony	121-1	21.52	21.10	21.47	21.36	1.07	ppb
Arsenic	75-2	20.85	21.71	20.75	21.10	2.51	ppb
Barium	135-1	21.43	21.41	21.77	21.54	0.93	ppb
Barium	137-1	22.02	21.72	21.92	21.89	0.69	ppb
Beryllium	9-1	20.36	20.69	20.93	20.66	1.37	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	29.01	28.54	28.91	28.82	0.87	ppb
Cadmium	106-1	10.35	9.24	8.59	9.39	9.46	ppb
Cadmium	111-1	20.94	20.34	21.00	20.76	1.74	ppb
Calcium	43-1	99149.17	101131.15	100840.80	100373.71	1.07	ppb
Calcium	44-1	99522.37	99849.44	98661.92	99344.58	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.55	38.62	38.56	38.57	0.10	ppb
Cobalt	59-2	20.51	20.93	20.78	20.74	1.02	ppb
Copper	63-2	26.47	26.91	26.95	26.78	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				93		%
Iron	54-2	101795.34	102052.22	100915.46	101587.67	0.59	ppb
Iron	56-2	102221.61	101791.04	101759.04	101923.90	0.25	ppb
Iron	57-2	99997.23	101548.12	102680.59	101408.65	1.33	ppb
Krypton	83-1						cps
Lead	206-1	23.59	23.49	23.60	23.56	0.25	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:41:34	DataFile Name :	023ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	22.98	23.38	22.96	23.11	1.01	ppb
Lead	208-1	23.16	23.23	23.12	23.17	0.25	ppb
Lithium	6-1				86		%
Magnesium	24-2	97712.35	98320.55	97154.64	97729.18	0.60	ppb
Manganese	55-2	26.81	26.46	26.69	26.65	0.67	ppb
Molybdenum	94-1	1541.90	1563.19	1552.13	1552.41	0.69	ppb
Molybdenum	95-1	1888.82	1877.01	1899.35	1888.39	0.59	ppb
Molybdenum	96-1	1840.85	1859.91	1870.34	1857.03	0.81	ppb
Molybdenum	97-1	1896.05	1923.10	1932.30	1917.15	0.98	ppb
Molybdenum	98-1	1912.44	1937.20	1907.50	1919.05	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.14	24.22	24.19	24.18	0.16	ppb
Phosphorus	31-2	101697.75	103026.14	102021.70	102248.53	0.68	ppb
Potassium	39-2	100599.30	101339.97	99249.59	100396.29	1.06	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	20.94	21.65	21.82	21.47	2.18	ppb
Selenium	77-2	21.05	18.94	29.51	23.17	24.15	ppb
Selenium	78-2	19.65	18.91	19.81	19.46	2.46	ppb
Silicon	28-1	5.13	5.66	5.67	5.49	5.59	ppb
Silver	107-1	19.35	18.90	19.41	19.22	1.45	ppb
Silver	109-1	20.02	19.59	19.83	19.81	1.09	ppb
Sodium	23-2	104355.74	105122.06	104594.47	104690.75	0.37	ppb
Strontium	86-1	32.32	32.51	32.39	32.41	0.30	ppb
Strontium	88-1	34.40	34.12	34.30	34.27	0.41	ppb
Sulfur	34-1	96893.00	100602.79	97975.96	98490.58	1.94	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	19.68	20.01	19.72	19.80	0.90	ppb
Thallium	205-1	19.60	19.60	19.63	19.61	0.09	ppb
Tin	118-1	0.30	0.22	0.23	0.25	17.73	ppb
Titanium	47-1	1976.39	2008.41	1965.94	1983.58	1.12	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	12.59	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:41:34	DataFile Name :	023ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	19.82	19.92	19.87	19.87	0.25	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	30.87	30.57	30.75	30.73	0.49	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	7.79	ppb
Zirconium	91-1	0.03	0.04	0.03	0.03	18.53	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:53:18	DataFile Name :	025CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50370.00	51341.66	50243.68	50651.78	1.19	ppb
Antimony	121-1	538.99	516.70	517.79	524.49	2.40	ppb
Arsenic	75-2	496.34	488.87	498.82	494.68	1.05	ppb
Barium	135-1	2598.12	2542.86	2569.42	2570.13	1.08	ppb
Barium	137-1	2627.86	2518.57	2568.95	2571.79	2.13	ppb
Beryllium	9-1	514.77	519.74	503.37	512.63	1.64	ppb
Bismuth	209-1				93		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Cadmium	108-1	527.22	507.84	508.79	514.62	2.12	ppb
Cadmium	106-1	521.50	499.35	510.81	510.55	2.17	ppb
Cadmium	111-1	523.96	514.29	518.45	518.90	0.93	ppb
Calcium	43-1	245282.70	247576.43	241875.96	244911.70	1.17	ppb
Calcium	44-1	246462.31	247839.75	244930.90	246410.99	0.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	503.42	510.47	508.96	507.61	0.73	ppb
Cobalt	59-2	490.72	500.23	493.22	494.72	1.00	ppb
Copper	63-2	4681.97	4726.54	4613.84	4674.12	1.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	54-2	130564.31	128891.04	127519.40	128991.58	1.18	ppb
Iron	56-2	125959.67	127971.81	126064.62	126665.37	0.89	ppb
Iron	57-2	130636.85	128491.32	128931.16	129353.11	0.88	ppb
Krypton	83-1						cps
Lead	206-1	2526.62	2508.72	2504.53	2513.29	0.47	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:53:18	DataFile Name :	025CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2569.41	2510.03	2545.00	2541.48	1.17	ppb
Lead	208-1	2560.59	2524.49	2526.45	2537.18	0.80	ppb
Lithium	6-1				86		%
Magnesium	24-2	254454.50	257588.56	254999.52	255680.86	0.65	ppb
Manganese	55-2	5028.29	5040.57	4939.24	5002.70	1.11	ppb
Molybdenum	94-1	4929.28	5007.13	4916.53	4950.98	0.99	ppb
Molybdenum	95-1	4961.35	4962.03	4984.07	4969.15	0.26	ppb
Molybdenum	96-1	4975.78	4978.24	4987.50	4980.51	0.12	ppb
Molybdenum	97-1	5049.80	5042.21	5027.89	5039.97	0.22	ppb
Molybdenum	98-1	5017.91	5031.89	5007.57	5019.12	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	452.25	453.56	447.34	451.05	0.73	ppb
Phosphorus	31-2	10225.25	10258.36	9943.31	10142.31	1.71	ppb
Potassium	39-2	133792.16	133352.32	130855.15	132666.55	1.19	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	495.09	498.80	493.74	495.87	0.53	ppb
Selenium	77-2	480.65	471.29	484.34	478.76	1.40	ppb
Selenium	78-2	485.43	482.45	492.68	486.85	1.08	ppb
Silicon	28-1	502.31	511.57	496.80	503.56	1.48	ppb
Silver	107-1	515.05	495.63	501.51	504.06	1.98	ppb
Silver	109-1	521.99	501.70	499.14	507.61	2.47	ppb
Sodium	23-2	262123.00	261250.83	259688.96	261020.93	0.47	ppb
Strontium	86-1	509.88	502.08	511.08	507.68	0.96	ppb
Strontium	88-1	505.52	504.83	503.28	504.55	0.23	ppb
Sulfur	34-1	10232.31	10163.41	9540.80	9978.84	3.82	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	514.72	505.98	505.94	508.88	0.99	ppb
Thallium	205-1	499.73	500.00	498.58	499.44	0.15	ppb
Tin	118-1	539.07	509.90	509.33	519.43	3.27	ppb
Titanium	47-1	4946.24	5044.70	4918.23	4969.73	1.34	ppb
Uranium	238-1	517.35	504.47	516.38	512.73	1.40	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:53:18	DataFile Name :	025CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	512.20	521.87	506.48	513.52	1.52	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	4890.72	4878.79	4867.06	4878.85	0.24	ppb
Zirconium	90-1	506.24	499.19	505.73	503.72	0.78	ppb
Zirconium	91-1	511.18	501.55	507.98	506.90	0.97	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:56:02	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.45	-0.32	-0.53	-0.43		ppb
Antimony	121-1	0.15	0.12	0.10	0.12	19.49	ppb
Arsenic	75-2	0.00	0.01	0.00	0.00	377.07	ppb
Barium	135-1	0.04	0.02	0.02	0.03	48.75	ppb
Barium	137-1	0.05	0.03	0.03	0.04	22.44	ppb
Beryllium	9-1	0.07	0.06	0.05	0.06	14.83	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	0.00	0.00	-0.05	-0.02		ppb
Cadmium	106-1	-8.38	-8.18	-8.27	-8.28		ppb
Cadmium	111-1	-0.07	-0.08	-0.08	-0.08		ppb
Calcium	43-1	-1.19	-2.32	-2.96	-2.16		ppb
Calcium	44-1	-6.53	-7.41	-8.83	-7.59		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.00	0.01	0.01	129.32	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	18.55	ppb
Copper	63-2	0.09	0.09	0.08	0.08	8.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	54-2	1.72	0.90	1.41	1.34	30.72	ppb
Iron	56-2	1.58	1.46	1.36	1.47	7.49	ppb
Iron	57-2	2.19	1.11	1.25	1.52	38.71	ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.14	0.13	0.15	18.05	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:56:02	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.19	0.15	0.13	0.16	20.27	ppb
Lead	208-1	0.18	0.15	0.13	0.15	16.17	ppb
Lithium	6-1				95		%
Magnesium	24-2	3.47	2.98	2.74	3.06	12.11	ppb
Manganese	55-2	0.14	0.04	0.15	0.11	54.06	ppb
Molybdenum	94-1	0.25	0.20	0.17	0.21	20.01	ppb
Molybdenum	95-1	0.15	0.12	0.09	0.12	25.64	ppb
Molybdenum	96-1	0.17	0.13	0.11	0.14	22.91	ppb
Molybdenum	97-1	0.15	0.10	0.08	0.11	31.70	ppb
Molybdenum	98-1	0.16	0.11	0.09	0.12	32.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	-0.02	-0.01		ppb
Phosphorus	31-2	-16.59	-20.07	-20.54	-19.07		ppb
Potassium	39-2	12.08	12.62	9.07	11.25	17.01	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	-0.06	-0.10	0.05	-0.04		ppb
Selenium	77-2	-0.47	-0.47	0.45	-0.16		ppb
Selenium	78-2	-0.05	0.06	-0.61	-0.20		ppb
Silicon	28-1	-1.63	-1.64	-1.73	-1.67		ppb
Silver	107-1	0.06	0.04	0.04	0.05	17.36	ppb
Silver	109-1	0.06	0.05	0.04	0.05	11.72	ppb
Sodium	23-2	34.41	33.33	33.95	33.90	1.61	ppb
Strontium	86-1	0.01	0.00	0.00	0.00	312.59	ppb
Strontium	88-1	0.02	0.01	0.01	0.01	25.89	ppb
Sulfur	34-1	-646.63	-568.30	-684.04	-632.99		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.11	0.08	0.08	0.09	15.10	ppb
Thallium	205-1	0.10	0.09	0.08	0.09	6.92	ppb
Tin	118-1	0.02	0.03	0.00	0.02	78.61	ppb
Titanium	47-1	0.14	0.10	0.08	0.11	27.79	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	41.49	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:56:02	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.01	0.00	0.01	43.75	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	0.50	0.51	0.61	0.54	11.48	ppb
Zirconium	90-1	0.07	0.05	0.06	0.06	17.69	ppb
Zirconium	91-1	0.07	0.06	0.06	0.06	9.61	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:59:26	DataFile Name :	027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.77	20.19	20.20	20.05	1.22	ppb
Antimony	121-1	2.22	2.27	2.23	2.24	1.32	ppb
Arsenic	75-2	1.23	1.27	1.20	1.23	2.80	ppb
Barium	135-1	10.86	10.82	10.52	10.73	1.76	ppb
Barium	137-1	10.95	11.01	11.01	10.99	0.32	ppb
Beryllium	9-1	1.16	1.20	1.19	1.19	1.70	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	1.10	1.25	1.10	1.15	7.30	ppb
Cadmium	106-1	-6.73	-6.68	-7.40	-6.94		ppb
Cadmium	111-1	1.10	1.04	1.06	1.07	2.62	ppb
Calcium	43-1	543.21	541.68	538.17	541.02	0.48	ppb
Calcium	44-1	527.11	528.29	526.72	527.37	0.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.18	2.14	2.14	2.15	1.11	ppb
Cobalt	59-2	1.15	1.16	1.15	1.16	0.28	ppb
Copper	63-2	2.32	2.32	2.33	2.32	0.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				101		%
Iron	54-2	59.24	61.00	59.40	59.88	1.62	ppb
Iron	56-2	56.15	55.98	56.10	56.08	0.16	ppb
Iron	57-2	55.97	57.72	57.09	56.93	1.55	ppb
Krypton	83-1						cps
Lead	206-1	1.00	1.05	1.06	1.04	3.01	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:59:26	DataFile Name :	027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.08	1.07	1.10	1.09	1.47	ppb
Lead	208-1	1.06	1.06	1.09	1.07	1.49	ppb
Lithium	6-1				93		%
Magnesium	24-2	575.67	590.58	586.30	584.18	1.31	ppb
Manganese	55-2	1.04	0.98	1.24	1.09	12.64	ppb
Molybdenum	94-1	6.20	6.11	6.23	6.18	1.02	ppb
Molybdenum	95-1	5.01	5.03	5.17	5.07	1.71	ppb
Molybdenum	96-1	5.12	5.17	5.13	5.14	0.46	ppb
Molybdenum	97-1	5.13	5.15	5.14	5.14	0.16	ppb
Molybdenum	98-1	5.02	5.07	5.05	5.05	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.06	1.09	1.07	2.26	ppb
Phosphorus	31-2	11.70	20.69	0.65	11.02	91.11	ppb
Potassium	39-2	542.10	542.96	552.37	545.81	1.04	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	5.44	5.90	5.35	5.56	5.36	ppb
Selenium	77-2	5.01	5.07	7.39	5.83	23.32	ppb
Selenium	78-2	5.57	4.42	5.11	5.04	11.50	ppb
Silicon	28-1	0.24	0.73	-0.13	0.28	154.27	ppb
Silver	107-1	1.10	1.09	1.12	1.10	1.61	ppb
Silver	109-1	1.13	1.13	1.13	1.13	0.37	ppb
Sodium	23-2	591.42	595.67	591.60	592.90	0.40	ppb
Strontium	86-1	1.04	1.03	1.01	1.03	1.62	ppb
Strontium	88-1	1.05	1.05	1.06	1.05	0.39	ppb
Sulfur	34-1	-517.68	-569.53	-660.01	-582.41		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	1.03	1.04	1.06	1.04	1.33	ppb
Thallium	205-1	1.03	1.05	1.08	1.05	2.21	ppb
Tin	118-1	5.51	5.67	5.45	5.54	2.03	ppb
Titanium	47-1	5.47	5.41	5.30	5.39	1.67	ppb
Uranium	238-1	0.97	0.99	0.98	0.98	0.96	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:59:26	DataFile Name :	027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.45	5.55	5.30	5.43	2.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	5.45	5.51	5.31	5.42	1.90	ppb
Zirconium	90-1	1.07	1.07	1.08	1.07	0.52	ppb
Zirconium	91-1	1.10	1.06	1.06	1.08	2.29	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	PB167865BL	Instrumnet Name :	P8
Client Sample ID :	PB167865BL	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 14:02:57	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.38	-0.26	-0.34	-0.33		ppb
Antimony	121-1	0.02	0.02	0.02	0.02	5.24	ppb
Arsenic	75-2	-0.02	0.00	0.00	-0.01		ppb
Barium	135-1	-0.01	0.00	0.00	0.00		ppb
Barium	137-1	0.00	0.00	0.00	0.00	140.18	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	11.61	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	-0.03	-0.01	-0.03	-0.02		ppb
Cadmium	106-1	-8.65	-8.45	-8.43	-8.51		ppb
Cadmium	111-1	-0.09	-0.09	-0.09	-0.09		ppb
Calcium	43-1	-8.29	-6.56	-8.88	-7.91		ppb
Calcium	44-1	-11.98	-12.86	-11.73	-12.19		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.01	-0.02	0.00	750.54	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.00	-0.01	-0.01	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				101		%
Iron	54-2	-0.11	0.06	0.72	0.22	193.47	ppb
Iron	56-2	0.28	0.29	0.29	0.29	1.85	ppb
Iron	57-2	0.78	0.73	0.29	0.60	44.49	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.05	0.04	0.05	10.78	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	PB167865BL	Instrumnet Name :	P8
Client Sample ID :	PB167865BL	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 14:02:57	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.05	0.05	0.04	0.04	7.17	ppb
Lead	208-1	0.05	0.05	0.04	0.05	11.36	ppb
Lithium	6-1				93		%
Magnesium	24-2	1.44	1.18	1.13	1.25	13.40	ppb
Manganese	55-2	0.04	-0.14	-0.06	-0.05		ppb
Molybdenum	94-1	0.05	0.04	0.04	0.05	16.88	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	32.67	ppb
Molybdenum	96-1	0.01	0.01	0.02	0.01	14.59	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	29.03	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	23.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.04	-0.03		ppb
Phosphorus	31-2	-24.56	-23.11	-23.00	-23.56		ppb
Potassium	39-2	7.91	5.35	8.23	7.16	22.04	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	-0.13	0.02	-0.08	-0.06		ppb
Selenium	77-2	-0.47	-0.47	0.00	-0.31		ppb
Selenium	78-2	0.75	-0.06	-0.04	0.21	215.75	ppb
Silicon	28-1	-2.15	-2.00	-2.28	-2.14		ppb
Silver	107-1	0.01	0.01	0.01	0.01	6.07	ppb
Silver	109-1	0.02	0.02	0.10	0.04	105.86	ppb
Sodium	23-2	22.36	21.31	22.17	21.94	2.55	ppb
Strontium	86-1	0.01	-0.01	0.00	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-505.51	-537.94	-431.09	-491.51		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.04	0.03	0.03	7.83	ppb
Thallium	205-1	0.04	0.04	0.03	0.03	7.22	ppb
Tin	118-1	-0.01	0.06	-0.02	0.01	355.39	ppb
Titanium	47-1	0.03	0.04	0.02	0.03	46.56	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	PB167865BL	Instrumnet Name :	P8
Client Sample ID :	PB167865BL	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 14:02:57	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	204.88	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	-0.13	-0.04	-0.18	-0.12		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	5.53	ppb
Zirconium	91-1	0.02	0.02	0.01	0.02	21.77	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	PB167865BS	Instrumnet Name :	P8
Client Sample ID :	PB167865BS	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 14:08:10	DataFile Name :	029LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10164.75	9979.28	9936.31	10026.78	1.21	ppb
Antimony	121-1	536.43	545.12	543.42	541.66	0.85	ppb
Arsenic	75-2	520.21	514.60	517.74	517.52	0.54	ppb
Barium	135-1	2565.90	2674.56	2632.80	2624.42	2.09	ppb
Barium	137-1	2605.62	2713.48	2727.97	2682.36	2.49	ppb
Beryllium	9-1	497.22	513.93	521.12	510.76	2.40	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	532.04	536.37	537.48	535.30	0.54	ppb
Cadmium	106-1	528.13	537.90	525.71	530.58	1.22	ppb
Cadmium	111-1	538.05	550.24	551.58	546.62	1.36	ppb
Calcium	43-1	52744.84	53894.65	51677.22	52772.24	2.10	ppb
Calcium	44-1	51637.76	52030.96	52034.68	51901.13	0.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	525.03	514.16	516.46	518.55	1.10	ppb
Cobalt	59-2	526.48	511.72	516.25	518.15	1.46	ppb
Copper	63-2	5226.62	5072.21	5122.29	5140.38	1.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	54-2	27406.56	26801.43	27138.93	27115.64	1.12	ppb
Iron	56-2	26854.41	26008.92	26211.46	26358.27	1.67	ppb
Iron	57-2	27690.38	26745.33	27010.12	27148.61	1.80	ppb
Krypton	83-1						cps
Lead	206-1	2479.22	2547.62	2534.42	2520.42	1.44	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	PB167865BS	Instrumnet Name :	P8
Client Sample ID :	PB167865BS	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 14:08:10	DataFile Name :	029LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2485.53	2577.04	2506.71	2523.09	1.90	ppb
Lead	208-1	2508.71	2575.34	2522.87	2535.64	1.38	ppb
Lithium	6-1				92		%
Magnesium	24-2	53866.81	54715.44	53850.68	54144.31	0.91	ppb
Manganese	55-2	5266.38	5099.84	5179.83	5182.02	1.61	ppb
Molybdenum	94-1	5040.73	4975.11	4984.94	5000.26	0.71	ppb
Molybdenum	95-1	5004.66	4962.82	4932.62	4966.70	0.73	ppb
Molybdenum	96-1	4893.10	4905.37	4870.78	4889.75	0.36	ppb
Molybdenum	97-1	4989.09	4909.21	4876.62	4924.97	1.18	ppb
Molybdenum	98-1	4965.74	4880.18	4904.59	4916.83	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.85	478.24	472.70	477.59	0.97	ppb
Phosphorus	31-2	10388.75	10075.05	10193.57	10219.12	1.55	ppb
Potassium	39-2	26676.35	26543.01	26058.99	26426.11	1.23	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	500.63	498.97	501.83	500.47	0.29	ppb
Selenium	77-2	521.94	534.64	536.26	530.95	1.48	ppb
Selenium	78-2	502.42	522.63	516.65	513.90	2.02	ppb
Silicon	28-1	510.46	519.51	509.40	513.12	1.08	ppb
Silver	107-1	535.82	544.65	539.59	540.02	0.82	ppb
Silver	109-1	542.89	549.22	551.90	548.01	0.84	ppb
Sodium	23-2	54493.72	54659.16	53717.42	54290.10	0.93	ppb
Strontium	86-1	517.55	519.99	517.80	518.45	0.26	ppb
Strontium	88-1	504.73	506.36	515.03	508.71	1.09	ppb
Sulfur	34-1	10320.15	10733.40	9898.55	10317.37	4.05	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	496.29	504.53	498.78	499.86	0.85	ppb
Thallium	205-1	495.16	497.68	510.10	500.98	1.60	ppb
Tin	118-1	522.39	550.14	547.53	540.02	2.84	ppb
Titanium	47-1	5103.27	5161.85	5000.77	5088.63	1.60	ppb
Uranium	238-1	489.36	510.97	490.20	496.84	2.46	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	PB167865BS	Instrumnet Name :	P8
Client Sample ID :	PB167865BS	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 14:08:10	DataFile Name :	029LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	539.26	527.77	519.61	528.88	1.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				96		%
Zinc	66-2	5249.18	5234.35	5246.38	5243.30	0.15	ppb
Zirconium	90-1	498.16	503.63	506.04	502.61	0.80	ppb
Zirconium	91-1	503.16	508.38	500.75	504.10	0.77	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	Q1769-08	Instrumnet Name :	P8
Client Sample ID :	EB01-040925	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 14:12:05	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.09	15.85	16.91	16.62	4.03	ppb
Antimony	121-1	0.06	0.05	0.05	0.06	10.06	ppb
Arsenic	75-2	0.01	0.04	0.01	0.02	66.92	ppb
Barium	135-1	0.46	0.44	0.42	0.44	4.13	ppb
Barium	137-1	0.45	0.45	0.46	0.46	1.57	ppb
Beryllium	9-1	0.04	0.02	0.04	0.03	28.32	ppb
Bismuth	209-1				114		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Cadmium	108-1	0.02	-0.02	0.00	0.00		ppb
Cadmium	106-1	-8.93	-9.15	-8.82	-8.97		ppb
Cadmium	111-1	-0.09	-0.10	-0.09	-0.09		ppb
Calcium	43-1	-3.07	-4.73	-4.16	-3.98		ppb
Calcium	44-1	-9.34	-9.99	-9.70	-9.68		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.06	0.04	0.06	21.69	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	43.45	ppb
Copper	63-2	0.15	0.14	0.15	0.15	4.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				106		%
Indium	115-1				111		%
Indium	115-2				103		%
Iron	54-2	17.35	17.55	17.74	17.55	1.13	ppb
Iron	56-2	16.75	16.78	16.74	16.75	0.11	ppb
Iron	57-2	17.85	16.70	16.21	16.92	4.97	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.22	0.23	0.23	2.18	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	Q1769-08	Instrumnet Name :	P8
Client Sample ID :	EB01-040925	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 14:12:05	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.24	0.22	0.22	0.23	5.12	ppb
Lead	208-1	0.23	0.22	0.22	0.23	2.97	ppb
Lithium	6-1				99		%
Magnesium	24-2	5.07	4.22	4.72	4.67	9.14	ppb
Manganese	55-2	-0.82	-0.87	-0.86	-0.85		ppb
Molybdenum	94-1	0.06	0.03	0.02	0.04	60.71	ppb
Molybdenum	95-1	0.06	0.05	0.04	0.05	17.10	ppb
Molybdenum	96-1	0.07	0.05	0.05	0.05	18.42	ppb
Molybdenum	97-1	0.07	0.05	0.05	0.05	22.62	ppb
Molybdenum	98-1	0.07	0.05	0.04	0.05	24.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.65	0.71	0.69	0.68	4.59	ppb
Phosphorus	31-2	-25.91	-22.74	-25.32	-24.66		ppb
Potassium	39-2	12.66	11.01	12.23	11.97	7.17	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				108		%
Scandium	45-2				103		%
Selenium	82-1	-0.17	-0.12	-0.10	-0.13		ppb
Selenium	77-2	-0.47	-0.47	-0.47	-0.47		ppb
Selenium	78-2	-0.48	-0.10	-0.35	-0.31		ppb
Silicon	28-1	3.94	4.03	4.35	4.11	5.23	ppb
Silver	107-1	0.07	0.06	0.06	0.06	3.54	ppb
Silver	109-1	0.07	0.06	0.06	0.06	3.12	ppb
Sodium	23-2	30.43	28.66	29.05	29.38	3.16	ppb
Strontium	86-1	0.04	0.04	0.05	0.04	13.32	ppb
Strontium	88-1	0.06	0.05	0.06	0.06	3.44	ppb
Sulfur	34-1	-1391.74	-1460.99	-1367.95	-1406.90		ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	0.05	0.04	0.04	0.04	17.75	ppb
Thallium	205-1	0.05	0.04	0.04	0.05	13.59	ppb
Tin	118-1	0.04	0.05	0.05	0.05	6.77	ppb
Titanium	47-1	0.36	0.35	0.35	0.35	0.90	ppb
Uranium	238-1	0.01	0.00	0.00	0.01	14.61	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	Q1769-08	Instrumnet Name :	P8
Client Sample ID :	EB01-040925	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 14:12:05	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.08	0.08	0.10	0.09	9.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				104		%
Zinc	66-2	19.21	19.21	18.72	19.05	1.50	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	1648.20	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 14:16:10	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50043.67	51874.44	51276.45	51064.85	1.83	ppb
Antimony	121-1	513.81	532.26	516.80	520.96	1.90	ppb
Arsenic	75-2	500.42	501.51	508.69	503.54	0.89	ppb
Barium	135-1	2549.34	2578.78	2528.50	2552.21	0.99	ppb
Barium	137-1	2562.77	2656.52	2505.03	2574.77	2.97	ppb
Beryllium	9-1	492.76	511.36	523.30	509.14	3.02	ppb
Bismuth	209-1				95		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Cadmium	108-1	504.87	507.93	500.04	504.28	0.79	ppb
Cadmium	106-1	506.74	514.77	496.25	505.92	1.84	ppb
Cadmium	111-1	511.48	528.36	512.73	517.52	1.82	ppb
Calcium	43-1	251345.60	247663.98	254566.56	251192.05	1.37	ppb
Calcium	44-1	250829.30	245573.26	247925.69	248109.42	1.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	503.58	510.93	514.82	509.78	1.12	ppb
Cobalt	59-2	487.89	489.37	489.71	488.99	0.20	ppb
Copper	63-2	4762.25	4792.87	4746.82	4767.31	0.49	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				95		%
Indium	115-2				90		%
Iron	54-2	129299.40	129260.54	131358.41	129972.78	0.92	ppb
Iron	56-2	127195.36	128152.80	129582.10	128310.09	0.94	ppb
Iron	57-2	128698.40	128941.76	130600.43	129413.53	0.80	ppb
Krypton	83-1						cps
Lead	206-1	2438.18	2522.05	2601.66	2520.63	3.24	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 14:16:10	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2485.06	2516.30	2597.78	2533.05	2.30	ppb
Lead	208-1	2485.13	2527.56	2575.51	2529.40	1.79	ppb
Lithium	6-1				87		%
Magnesium	24-2	251723.74	260189.08	259652.01	257188.28	1.84	ppb
Manganese	55-2	4989.36	5003.19	5186.11	5059.56	2.17	ppb
Molybdenum	94-1	4887.57	4915.53	4895.05	4899.38	0.30	ppb
Molybdenum	95-1	4948.19	4889.42	4865.09	4900.90	0.87	ppb
Molybdenum	96-1	4989.12	4997.77	4804.10	4930.33	2.22	ppb
Molybdenum	97-1	4969.17	5028.20	4855.27	4950.88	1.78	ppb
Molybdenum	98-1	4959.02	5035.87	4931.52	4975.47	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	447.37	452.72	452.31	450.80	0.66	ppb
Phosphorus	31-2	10132.41	10186.16	10088.93	10135.83	0.48	ppb
Potassium	39-2	134238.72	134461.66	134045.31	134248.56	0.16	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	491.00	496.05	489.14	492.06	0.73	ppb
Selenium	77-2	498.09	489.22	524.66	503.99	3.66	ppb
Selenium	78-2	515.07	501.42	507.56	508.02	1.35	ppb
Silicon	28-1	523.18	515.49	508.88	515.85	1.39	ppb
Silver	107-1	503.46	507.52	489.86	500.28	1.85	ppb
Silver	109-1	498.55	508.87	496.44	501.29	1.33	ppb
Sodium	23-2	264204.67	262745.57	265577.09	264175.78	0.54	ppb
Strontium	86-1	515.31	515.98	510.25	513.84	0.61	ppb
Strontium	88-1	500.60	504.48	501.20	502.09	0.42	ppb
Sulfur	34-1	10149.97	10012.25	10262.37	10141.53	1.24	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	489.79	502.43	521.21	504.48	3.13	ppb
Thallium	205-1	489.81	514.30	514.18	506.10	2.79	ppb
Tin	118-1	509.16	531.05	499.24	513.15	3.17	ppb
Titanium	47-1	5108.05	5074.23	5033.28	5071.85	0.74	ppb
Uranium	238-1	498.41	507.48	528.02	511.30	2.97	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 14:16:10	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	507.27	516.12	521.61	515.00	1.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	4909.05	4966.80	4926.80	4934.22	0.60	ppb
Zirconium	90-1	499.05	502.51	496.01	499.19	0.65	ppb
Zirconium	91-1	505.99	508.74	498.50	504.41	1.05	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 14:20:49	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.73	0.32	-0.66	-0.36		ppb
Antimony	121-1	0.06	0.06	0.05	0.06	10.28	ppb
Arsenic	75-2	0.02	0.01	0.00	0.01	76.81	ppb
Barium	135-1	0.02	0.02	0.01	0.02	30.91	ppb
Barium	137-1	0.03	0.02	0.02	0.02	17.95	ppb
Beryllium	9-1	0.05	0.04	0.04	0.04	14.62	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Cadmium	108-1	-0.02	0.01	-0.03	-0.01		ppb
Cadmium	106-1	-8.81	-8.79	-8.73	-8.78		ppb
Cadmium	111-1	-0.09	-0.09	-0.09	-0.09		ppb
Calcium	43-1	-5.50	-6.47	-4.36	-5.44		ppb
Calcium	44-1	-9.92	-10.87	-10.40	-10.40		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.01	0.02	0.01	47.28	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	303.65	ppb
Copper	63-2	0.06	0.07	0.05	0.06	18.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	54-2	1.52	1.65	1.64	1.60	4.67	ppb
Iron	56-2	1.37	1.32	1.40	1.36	3.16	ppb
Iron	57-2	1.72	1.62	1.37	1.57	11.24	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.11	0.10	0.11	6.12	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 14:20:49	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.11	0.11	0.10	0.11	5.69	ppb
Lead	208-1	0.12	0.11	0.10	0.11	8.29	ppb
Lithium	6-1				94		%
Magnesium	24-2	3.08	3.10	2.74	2.97	6.82	ppb
Manganese	55-2	-0.09	0.01	-0.07	-0.05		ppb
Molybdenum	94-1	0.17	0.16	0.16	0.16	4.79	ppb
Molybdenum	95-1	0.08	0.06	0.06	0.06	20.07	ppb
Molybdenum	96-1	0.09	0.07	0.08	0.08	10.98	ppb
Molybdenum	97-1	0.07	0.06	0.06	0.06	10.26	ppb
Molybdenum	98-1	0.08	0.06	0.07	0.07	9.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.01	-0.01	-0.02		ppb
Phosphorus	31-2	-21.46	-12.32	-24.51	-19.43		ppb
Potassium	39-2	8.33	10.92	9.49	9.58	13.54	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	-0.30	-0.40	-0.11	-0.27		ppb
Selenium	77-2	-0.47	-0.47	-0.47	-0.47		ppb
Selenium	78-2	0.07	0.47	-0.06	0.16	175.02	ppb
Silicon	28-1	-2.21	-2.15	-1.84	-2.06		ppb
Silver	107-1	0.03	0.02	0.02	0.02	16.96	ppb
Silver	109-1	0.02	0.02	0.02	0.02	6.25	ppb
Sodium	23-2	27.96	29.76	27.86	28.53	3.76	ppb
Strontium	86-1	0.00	-0.01	0.00	0.00		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	6.70	ppb
Sulfur	34-1	-593.90	-556.12	-434.73	-528.25		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.06	0.05	0.04	0.05	13.00	ppb
Thallium	205-1	0.05	0.05	0.04	0.05	8.72	ppb
Tin	118-1	0.02	0.00	0.00	0.01	144.76	ppb
Titanium	47-1	0.07	0.07	0.07	0.07	3.56	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	46.07	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 14:20:49	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.01	0.00	29.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	0.72	0.68	0.78	0.73	6.99	ppb
Zirconium	90-1	0.06	0.06	0.05	0.06	9.99	ppb
Zirconium	91-1	0.07	0.06	0.07	0.07	3.86	ppb

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 11:33:12	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	240	110	140	163	41.68	cps
Antimony	121-1	143	117	140	133	10.90	cps
Arsenic	75-2	303	313	307	308	1.65	cps
Barium	135-1	9670	7919	5618	7736	26.27	cps
Barium	137-1	17154	13801	10060	13672	25.96	cps
Beryllium	9-1	20114	16666	11931	16237	25.30	cps
Bismuth	209-1	37746192	42737338	40900339	40461290	6.24	cps
Bismuth	209-2	17064956	17338432	17223633	17209007	0.80	cps
Bromine	81-1	9747	9276	9220	9414	3.07	cps
Cadmium	108-1	607	417	473	499	19.55	cps
Cadmium	106-1	80964	87020	81331	83105	4.09	cps
Cadmium	111-1	13526	12988	11176	12563	9.80	cps
Calcium	43-1	1930	1943	2040	1971	3.05	cps
Calcium	44-1	71999	72799	73259	72686	0.88	cps
Carbon	12-1	4355556	3415675	3246085	3672439	16.27	cps
Carbon	12-2	24451	24728	24370	24516	0.76	cps
Chlorine	35-1	244797	245413	253510	247907	1.96	cps
Chlorine	35-2	1033	1007	1060	1033	2.58	cps
Chromium	52-2	2234	2284	1863	2127	10.79	cps
Cobalt	59-2	6221	5418	4647	5429	14.50	cps
Copper	63-2	4331	4204	3764	4100	7.26	cps
Dysprosium	156-1	700	610	380	563	29.29	cps
Dysprosium	156-2	37	40	23	33	26.47	cps
Erbium	164-1	420	550	503	491	13.41	cps
Erbium	164-2	140	163	153	152	7.69	cps
Gadolinium	160-1	2497	2830	2747	2691	6.45	cps
Gadolinium	160-2	373	440	380	398	9.23	cps
Holmium	165-1	62480779	68334054	66352402	65722412	4.53	cps
Holmium	165-2	22704120	23353064	22573913	22877032	1.82	cps
Indium	115-1	53582078	59538776	55783203	56301352	5.35	cps
Indium	115-2	5735240	5755852	5700470	5730520	0.49	cps
Iron	54-2	580	567	543	563	3.29	cps
Iron	56-2	5554	5521	5311	5462	2.42	cps
Iron	57-2	137	167	170	158	11.63	cps
Krypton	83-1	3284	2110	1880	2425	31.05	cps
Lead	206-1	29935	23265	17419	23539	26.60	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 11:33:12	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	25345	20416	14648	20137	26.59	cps
Lead	208-1	115308	93502	68793	92534	25.15	cps
Lithium	6-1	14206693	15826435	14966290	14999806	5.40	cps
Magnesium	24-2	700	777	697	724	6.25	cps
Manganese	55-2	1487	1350	1250	1362	8.72	cps
Molybdenum	94-1	10934	8973	7402	9103	19.44	cps
Molybdenum	95-1	15225	12960	11405	13197	14.56	cps
Molybdenum	96-1	16470	14087	12369	14309	14.39	cps
Molybdenum	97-1	9467	8566	6815	8283	16.28	cps
Molybdenum	98-1	24508	21477	18539	21508	13.88	cps
Neodymium	150-1	60	47	60	56	13.85	cps
Neodymium	150-2	0	3	10	4	114.60	cps
Nickel	60-2	2230	1907	1770	1969	12.00	cps
Phosphorus	31-2	80	60	67	69	14.78	cps
Potassium	39-2	7579	7205	7235	7340	2.83	cps
Rhodium	103-1	49778488	55047729	51207393	52011203	5.24	cps
Rhodium	103-2	19365121	19454053	19270221	19363132	0.47	cps
Scandium	45-1	31481175	34280929	32398427	32720177	4.36	cps
Scandium	45-2	548952	557416	548103	551490	0.93	cps
Selenium	82-1	277	50	143	157	72.72	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	30	27	23	27	12.51	cps
Silicon	28-1	640194	595156	523982	586444	9.99	cps
Silver	107-1	563	597	463	541	12.82	cps
Silver	109-1	193	247	287	242	19.33	cps
Sodium	23-2	23826	23426	23599	23617	0.85	cps
Strontium	86-1	5261	3487	2987	3912	30.55	cps
Strontium	88-1	690	687	747	708	4.76	cps
Sulfur	34-1	248179	243553	236310	242681	2.47	cps
Terbium	159-1	65074867	71210042	68677949	68320953	4.51	cps
Terbium	159-2	22591301	22709278	22821069	22707216	0.51	cps
Thallium	203-1	11008	8917	6648	8858	24.62	cps
Thallium	205-1	25752	21181	15633	20855	24.30	cps
Tin	118-1	1603	1363	1323	1430	10.59	cps
Titanium	47-1	440	467	410	439	6.46	cps
Uranium	238-1	127526	103585	76228	102446	25.05	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 11:33:12	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1333	993	1000	1109	17.53	cps
Ytterbium	172-1	363	510	377	417	19.47	cps
Ytterbium	172-2	153	203	163	173	15.26	cps
Ytterbium	176-1	30436	33025	31147	31536	4.24	cps
Ytterbium	176-2	4324	4304	4384	4337	0.96	cps
Yttrium	89-1	91871012	102093492	95783952	96582819	5.34	cps
Yttrium	89-2	6846267	6868490	6879643	6864800	0.25	cps
Zinc	66-2	1717	1880	1750	1782	4.84	cps
Zirconium	90-1	10338	7909	6442	8230	23.91	cps
Zirconium	91-1	1263	767	593	874	39.77	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:14:53	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	153	197	207	186	15.28	cps
Antimony	121-1	60	37	70	56	30.79	cps
Arsenic	75-2	3	27	3	11	121.29	cps
Barium	135-1	127	157	87	123	28.47	cps
Barium	137-1	143	133	110	129	13.27	cps
Beryllium	9-1	113	94	102	103	9.50	cps
Bismuth	209-1	11610241	11495944	11518206	11541464	0.53	cps
Bismuth	209-2	5610866	5505174	5557981	5558007	0.95	cps
Bromine	81-1	16066	15766	16253	16028	1.53	cps
Cadmium	108-1	43	23	47	38	33.41	cps
Cadmium	106-1	15976	15632	15626	15745	1.27	cps
Cadmium	111-1	1587	1564	1560	1570	0.95	cps
Calcium	43-1	1650	1757	1590	1666	5.07	cps
Calcium	44-1	54450	54095	53363	53969	1.03	cps
Carbon	12-1	2713790	2726864	2710792	2717149	0.31	cps
Carbon	12-2	19183	19019	19263	19155	0.65	cps
Chlorine	35-1	176893	177986	178725	177868	0.52	cps
Chlorine	35-2	813	717	737	756	6.75	cps
Chromium	52-2	1020	1070	987	1026	4.09	cps
Cobalt	59-2	87	123	130	113	20.59	cps
Copper	63-2	1017	1210	1123	1117	8.67	cps
Dysprosium	156-1	23	23	13	20	28.87	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	107	137	127	123	12.39	cps
Erbium	164-2	57	53	77	62	20.29	cps
Gadolinium	160-1	317	330	417	354	15.32	cps
Gadolinium	160-2	90	57	73	73	22.73	cps
Holmium	165-1	18704829	18989724	19096817	18930457	1.07	cps
Holmium	165-2	7476642	7462474	7471858	7470325	0.10	cps
Indium	115-1	16547875	16561870	16727042	16612262	0.60	cps
Indium	115-2	1963336	1959250	1983905	1968830	0.67	cps
Iron	54-2	467	487	517	490	5.14	cps
Iron	56-2	4918	5204	5064	5062	2.83	cps
Iron	57-2	160	103	103	122	26.77	cps
Krypton	83-1	333	337	310	327	4.45	cps
Lead	206-1	1273	1393	1310	1326	4.64	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:14:53	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1147	1127	1200	1158	3.27	cps
Lead	208-1	5144	5284	5334	5254	1.87	cps
Lithium	6-1	3905305	3898022	3928707	3910678	0.41	cps
Magnesium	24-2	470	473	417	453	7.01	cps
Manganese	55-2	4471	4494	4494	4486	0.30	cps
Molybdenum	94-1	710	640	673	674	5.20	cps
Molybdenum	95-1	197	247	260	234	14.24	cps
Molybdenum	96-1	340	290	283	304	10.17	cps
Molybdenum	97-1	173	137	157	156	11.80	cps
Molybdenum	98-1	340	360	420	373	11.15	cps
Neodymium	150-1	23	13	13	17	34.65	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	330	313	337	327	3.68	cps
Phosphorus	31-2	160	127	123	137	14.83	cps
Potassium	39-2	14034	14274	14070	14126	0.92	cps
Rhodium	103-1	15935831	15825353	15974934	15912039	0.49	cps
Rhodium	103-2	6442975	6431528	6372946	6415817	0.59	cps
Scandium	45-1	9955438	10068810	10035450	10019899	0.58	cps
Scandium	45-2	186145	186378	183981	185501	0.71	cps
Selenium	82-1	70	43	40	51	32.17	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	23	23	27	24	7.89	cps
Silicon	28-1	501041	483569	488714	491108	1.83	cps
Silver	107-1	157	167	177	167	6.00	cps
Silver	109-1	93	40	80	71	39.03	cps
Sodium	23-2	29794	29914	29440	29716	0.83	cps
Strontium	86-1	590	663	583	612	7.25	cps
Strontium	88-1	590	547	547	561	4.46	cps
Sulfur	34-1	562616	562004	565442	563354	0.33	cps
Terbium	159-1	20085116	20121925	19523826	19910289	1.68	cps
Terbium	159-2	7347875	7266468	7174933	7263092	1.19	cps
Thallium	203-1	263	310	317	297	9.79	cps
Thallium	205-1	667	660	653	660	1.01	cps
Tin	118-1	3594	3814	3897	3768	4.16	cps
Titanium	47-1	260	303	277	280	7.81	cps
Uranium	238-1	120	220	177	172	29.12	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:14:53	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13	13	3	10	57.75	cps
Ytterbium	172-1	133	123	140	132	6.34	cps
Ytterbium	172-2	53	57	57	56	3.47	cps
Ytterbium	176-1	5158	4994	5188	5113	2.04	cps
Ytterbium	176-2	1537	1293	1107	1312	16.43	cps
Yttrium	89-1	29487410	30047002	29714331	29749581	0.95	cps
Yttrium	89-2	2436046	2421097	2320653	2392599	2.62	cps
Zinc	66-2	717	720	677	704	3.42	cps
Zirconium	90-1	1953	1887	1947	1929	1.90	cps
Zirconium	91-1	307	333	280	307	8.70	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:21:34	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1673	1560	1590	1608	3.65	cps
Antimony	121-1	56094	57651	57279	57008	1.43	cps
Arsenic	75-2	633	647	740	673	8.63	cps
Barium	135-1	62051	61238	63786	62358	2.09	cps
Barium	137-1	107449	107969	107607	107675	0.25	cps
Beryllium	9-1	5983	6202	6310	6165	2.70	cps
Bismuth	209-1	11352468	11352312	11448842	11384540	0.49	cps
Bismuth	209-2	5546449	5511757	5606569	5554925	0.86	cps
Bromine	81-1	15562	15442	15459	15488	0.42	cps
Cadmium	108-1	637	630	680	649	4.18	cps
Cadmium	106-1	15499	15612	15405	15505	0.67	cps
Cadmium	111-1	8309	8599	8353	8421	1.85	cps
Calcium	43-1	40433	39925	39407	39922	1.29	cps
Calcium	44-1	680087	684260	683222	682523	0.32	cps
Carbon	12-1	2861691	2869215	2825267	2852058	0.82	cps
Carbon	12-2	20124	19380	19990	19831	2.00	cps
Chlorine	35-1	209625	211148	211985	210919	0.57	cps
Chlorine	35-2	900	827	907	878	5.06	cps
Chromium	52-2	11431	11275	11098	11268	1.48	cps
Cobalt	59-2	10707	10434	10374	10505	1.69	cps
Copper	63-2	18526	18953	18659	18712	1.17	cps
Dysprosium	156-1	17	27	30	24	28.38	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	130	160	137	142	11.08	cps
Erbium	164-2	30	37	70	46	47.04	cps
Gadolinium	160-1	317	393	373	361	11.01	cps
Gadolinium	160-2	63	77	53	64	18.17	cps
Holmium	165-1	18758036	18867277	18840573	18821962	0.30	cps
Holmium	165-2	7483828	7385115	7341892	7403612	0.98	cps
Indium	115-1	16402873	16381144	16435507	16406508	0.17	cps
Indium	115-2	1936443	1921376	1925423	1927747	0.40	cps
Iron	54-2	11505	11591	11708	11601	0.88	cps
Iron	56-2	203883	202699	199981	202188	0.99	cps
Iron	57-2	5188	5178	4931	5099	2.85	cps
Krypton	83-1	293	330	330	318	6.66	cps
Lead	206-1	19154	18870	19445	19156	1.50	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:21:34	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	16534	16120	16864	16506	2.26	cps
Lead	208-1	75269	75106	77564	75980	1.81	cps
Lithium	6-1	3907611	3944795	3881402	3911269	0.81	cps
Magnesium	24-2	132206	131150	130572	131310	0.63	cps
Manganese	55-2	6568	6412	6632	6537	1.73	cps
Molybdenum	94-1	54824	55185	56451	55487	1.54	cps
Molybdenum	95-1	66679	68380	68133	67731	1.36	cps
Molybdenum	96-1	73553	73503	74699	73919	0.92	cps
Molybdenum	97-1	41635	41402	42488	41842	1.37	cps
Molybdenum	98-1	107106	107972	107784	107621	0.42	cps
Neodymium	150-1	30	20	47	32	41.81	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	3207	3244	3317	3256	1.72	cps
Phosphorus	31-2	270	247	277	264	5.96	cps
Potassium	39-2	104421	102702	103172	103432	0.86	cps
Rhodium	103-1	15701944	15580812	15328520	15537092	1.23	cps
Rhodium	103-2	6382433	6420677	6215894	6339668	1.72	cps
Scandium	45-1	9734209	9869812	9947887	9850636	1.10	cps
Scandium	45-2	185044	183898	184741	184561	0.32	cps
Selenium	82-1	2274	2094	2294	2220	4.96	cps
Selenium	77-2	40	50	23	38	35.67	cps
Selenium	78-2	157	197	133	162	19.74	cps
Silicon	28-1	600542	579428	583221	587730	1.92	cps
Silver	107-1	33350	34436	34473	34087	1.87	cps
Silver	109-1	31536	33431	32649	32538	2.93	cps
Sodium	23-2	285704	280772	282037	282837	0.91	cps
Strontium	86-1	8853	9086	9046	8995	1.39	cps
Strontium	88-1	74045	74839	74112	74332	0.59	cps
Sulfur	34-1	570734	570603	567501	569613	0.32	cps
Terbium	159-1	19406943	19383534	19575956	19455478	0.54	cps
Terbium	159-2	7295027	7368934	7160663	7274875	1.45	cps
Thallium	203-1	22530	21979	22863	22457	1.99	cps
Thallium	205-1	52800	53486	52502	52929	0.95	cps
Tin	118-1	107259	109792	111502	109518	1.95	cps
Titanium	47-1	18305	18282	18335	18307	0.15	cps
Uranium	238-1	63310	65032	64362	64234	1.35	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:21:34	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	19393	19620	19170	19394	1.16	cps
Ytterbium	172-1	113	110	107	110	3.03	cps
Ytterbium	172-2	47	50	70	56	22.71	cps
Ytterbium	176-1	4951	5094	4761	4935	3.39	cps
Ytterbium	176-2	1200	1223	1150	1191	3.15	cps
Yttrium	89-1	29409634	29081518	29330931	29274028	0.59	cps
Yttrium	89-2	2355827	2379315	2337449	2357530	0.89	cps
Zinc	66-2	5965	5761	5641	5789	2.82	cps
Zirconium	90-1	46765	47364	48444	47524	1.79	cps
Zirconium	91-1	9757	10387	10377	10174	3.55	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:24:54	DataFile Name :	007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	69127	69639	68175	68980	1.08	cps
Antimony	121-1	1328126	1355138	1353491	1345585	1.13	cps
Arsenic	75-2	30550	30029	29544	30041	1.67	cps
Barium	135-1	1442306	1469217	1470818	1460780	1.10	cps
Barium	137-1	2646068	2664701	2697544	2669438	0.98	cps
Beryllium	9-1	276438	281802	280140	279460	0.98	cps
Bismuth	209-1	11212802	11359894	11377211	11316636	0.80	cps
Bismuth	209-2	5525516	5540280	5558040	5541278	0.29	cps
Bromine	81-1	15759	15485	15105	15450	2.13	cps
Cadmium	108-1	25831	25550	26111	25831	1.09	cps
Cadmium	106-1	50743	51599	51335	51226	0.86	cps
Cadmium	111-1	314343	315074	317876	315765	0.59	cps
Calcium	43-1	354758	361060	354962	356927	1.00	cps
Calcium	44-1	5973984	6031134	5989485	5998201	0.49	cps
Carbon	12-1	2950794	2931087	2929493	2937124	0.40	cps
Carbon	12-2	20688	20788	20645	20707	0.36	cps
Chlorine	35-1	217926	222869	221282	220692	1.14	cps
Chlorine	35-2	953	797	787	846	11.05	cps
Chromium	52-2	233662	231188	230335	231729	0.75	cps
Cobalt	59-2	448833	447004	445975	447271	0.32	cps
Copper	63-2	3827439	3811349	3768866	3802551	0.80	cps
Dysprosium	156-1	20	77	67	54	55.55	cps
Dysprosium	156-2	7	3	17	9	78.08	cps
Erbium	164-1	107	137	193	146	30.24	cps
Erbium	164-2	53	40	83	59	37.69	cps
Gadolinium	160-1	320	403	340	354	12.27	cps
Gadolinium	160-2	63	40	103	69	46.50	cps
Holmium	165-1	18528515	19343271	18800296	18890694	2.20	cps
Holmium	165-2	7580711	7426122	7337902	7448245	1.65	cps
Indium	115-1	16332608	16009363	16418653	16253541	1.33	cps
Indium	115-2	1906818	1884899	1859747	1883821	1.25	cps
Iron	54-2	488573	492493	483943	488336	0.88	cps
Iron	56-2	9022503	9133646	9007606	9054585	0.76	cps
Iron	57-2	224012	221989	221177	222393	0.66	cps
Krypton	83-1	327	333	327	329	1.17	cps
Lead	206-1	4467563	4567265	4555579	4530136	1.20	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:24:54	DataFile Name :	007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3858760	3867358	3915150	3880423	0.78	cps
Lead	208-1	17618528	17691345	17821411	17710428	0.58	cps
Lithium	6-1	3869581	3808148	3761031	3812920	1.43	cps
Magnesium	24-2	1195190	1188579	1190834	1191534	0.28	cps
Manganese	55-2	993141	1004009	981145	992765	1.15	cps
Molybdenum	94-1	4383378	4391046	4521290	4431905	1.75	cps
Molybdenum	95-1	6508900	6393131	6528465	6476832	1.13	cps
Molybdenum	96-1	6996195	6943820	7141411	7027142	1.46	cps
Molybdenum	97-1	3983720	4008553	4020400	4004224	0.47	cps
Molybdenum	98-1	10260972	10473498	10546203	10426891	1.42	cps
Neodymium	150-1	127	147	153	142	9.76	cps
Neodymium	150-2	10	13	17	13	25.01	cps
Nickel	60-2	124919	125376	126385	125560	0.60	cps
Phosphorus	31-2	4364	4261	4031	4218	4.05	cps
Potassium	39-2	437323	438755	436546	437541	0.26	cps
Rhodium	103-1	15347341	15518491	15576763	15480865	0.77	cps
Rhodium	103-2	6229371	6200089	6138059	6189173	0.75	cps
Scandium	45-1	9721002	9703262	9663137	9695800	0.31	cps
Scandium	45-2	180165	179483	179594	179747	0.20	cps
Selenium	82-1	20142	19818	20365	20108	1.37	cps
Selenium	77-2	437	377	363	392	9.96	cps
Selenium	78-2	1253	1313	1370	1312	4.45	cps
Silicon	28-1	2579412	2589511	2563280	2577401	0.51	cps
Silver	107-1	1712146	1794451	1787329	1764642	2.58	cps
Silver	109-1	1623361	1645392	1664374	1644376	1.25	cps
Sodium	23-2	2367355	2350770	2367149	2361758	0.40	cps
Strontium	86-1	385295	389341	393029	389222	0.99	cps
Strontium	88-1	3565848	3489502	3589427	3548259	1.47	cps
Sulfur	34-1	666403	661633	659303	662446	0.55	cps
Terbium	159-1	19860001	19496899	19774380	19710427	0.96	cps
Terbium	159-2	7314006	7136046	7373387	7274479	1.70	cps
Thallium	203-1	1041825	1042100	1057712	1047212	0.87	cps
Thallium	205-1	2604816	2618823	2610625	2611422	0.27	cps
Tin	118-1	1004659	1007186	1020641	1010829	0.85	cps
Titanium	47-1	1694783	1689002	1706266	1696684	0.52	cps
Uranium	238-1	3205728	3221304	3176305	3201113	0.71	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:24:54	DataFile Name :	007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	175769	175907	173886	175187	0.64	cps
Ytterbium	172-1	210	120	173	168	26.97	cps
Ytterbium	172-2	30	50	67	49	37.55	cps
Ytterbium	176-1	9494	9850	10037	9794	2.82	cps
Ytterbium	176-2	3117	3114	3017	3083	1.84	cps
Yttrium	89-1	29088884	29169065	29177846	29145265	0.17	cps
Yttrium	89-2	2301709	2291156	2290223	2294363	0.28	cps
Zinc	66-2	467511	470265	462716	466831	0.82	cps
Zirconium	90-1	2167657	2229634	2230004	2209099	1.62	cps
Zirconium	91-1	460526	465888	473176	466530	1.36	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:27:56	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	166336	165661	164189	165395	0.66	cps
Antimony	121-1	3454934	3445978	3576429	3492447	2.09	cps
Arsenic	75-2	71571	70927	70408	70969	0.82	cps
Barium	135-1	3761204	3722518	3827910	3770544	1.41	cps
Barium	137-1	6409674	6585844	6528489	6508003	1.38	cps
Beryllium	9-1	668108	683968	685319	679132	1.41	cps
Bismuth	209-1	11565034	11579498	11841102	11661878	1.33	cps
Bismuth	209-2	5355466	5434686	5442255	5410802	0.89	cps
Bromine	81-1	14811	14631	14624	14689	0.72	cps
Cadmium	108-1	62712	62554	62541	62602	0.15	cps
Cadmium	106-1	102614	104048	103605	103423	0.71	cps
Cadmium	111-1	759915	765338	758763	761339	0.46	cps
Calcium	43-1	846966	849830	851007	849268	0.24	cps
Calcium	44-1	14105212	14011632	14253742	14123529	0.86	cps
Carbon	12-1	2975589	2986268	2956105	2972654	0.51	cps
Carbon	12-2	21079	21105	20608	20931	1.34	cps
Chlorine	35-1	220026	226563	227093	224561	1.75	cps
Chlorine	35-2	913	790	910	871	8.07	cps
Chromium	52-2	544538	545123	535763	541808	0.97	cps
Cobalt	59-2	1054497	1056885	1048151	1053177	0.43	cps
Copper	63-2	9080265	8789763	8765420	8878483	1.97	cps
Dysprosium	156-1	117	157	160	144	16.69	cps
Dysprosium	156-2	17	23	30	23	28.56	cps
Erbium	164-1	253	227	173	218	18.70	cps
Erbium	164-2	83	77	107	89	17.72	cps
Gadolinium	160-1	377	343	373	364	5.04	cps
Gadolinium	160-2	93	93	60	82	23.40	cps
Holmium	165-1	19096431	19203542	19197848	19165940	0.31	cps
Holmium	165-2	7373109	7285627	7291409	7316715	0.67	cps
Indium	115-1	16223943	16153406	16091615	16156321	0.41	cps
Indium	115-2	1824322	1821716	1798440	1814826	0.79	cps
Iron	54-2	1150326	1151855	1144345	1148842	0.35	cps
Iron	56-2	21533719	21532683	21642297	21569566	0.29	cps
Iron	57-2	527459	526201	529256	527639	0.29	cps
Krypton	83-1	343	303	320	322	6.24	cps
Lead	206-1	11086479	11073180	11184017	11114559	0.54	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:27:56	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	9475308	9566945	9618005	9553419	0.76	cps
Lead	208-1	43621209	43912635	44615392	44049746	1.16	cps
Lithium	6-1	3743513	3743430	3902383	3796442	2.42	cps
Magnesium	24-2	2838502	2851004	2838961	2842822	0.25	cps
Manganese	55-2	2459677	2500011	2394365	2451351	2.17	cps
Molybdenum	94-1	10677981	10889717	10936318	10834672	1.27	cps
Molybdenum	95-1	15900717	15905821	15826351	15877630	0.28	cps
Molybdenum	96-1	17325648	17228531	17046944	17200374	0.82	cps
Molybdenum	97-1	9638810	9772710	9652055	9687858	0.76	cps
Molybdenum	98-1	25126807	25559429	25477865	25388034	0.91	cps
Neodymium	150-1	207	270	237	238	13.33	cps
Neodymium	150-2	17	13	30	20	44.10	cps
Nickel	60-2	301175	297510	298602	299096	0.63	cps
Phosphorus	31-2	9730	9793	9757	9760	0.33	cps
Potassium	39-2	1019039	1020985	1004167	1014730	0.91	cps
Rhodium	103-1	15377477	15282466	15012186	15224043	1.24	cps
Rhodium	103-2	6068205	5940592	5970487	5993095	1.11	cps
Scandium	45-1	9388000	9496727	9456602	9447110	0.58	cps
Scandium	45-2	172596	170002	172037	171545	0.80	cps
Selenium	82-1	47779	47812	48271	47954	0.57	cps
Selenium	77-2	840	773	957	857	10.83	cps
Selenium	78-2	2987	3007	2820	2938	3.49	cps
Silicon	28-1	11685526	11965543	11681612	11777560	1.38	cps
Silver	107-1	4250668	4252331	4145716	4216238	1.45	cps
Silver	109-1	3969753	3954967	3964836	3963185	0.19	cps
Sodium	23-2	5623431	5448388	5523490	5531770	1.59	cps
Strontium	86-1	929367	945506	947194	940689	1.05	cps
Strontium	88-1	8488801	8479706	8535176	8501228	0.35	cps
Sulfur	34-1	784635	777812	772568	778338	0.78	cps
Terbium	159-1	20190139	19687108	19973166	19950138	1.26	cps
Terbium	159-2	7144331	7140754	7088581	7124555	0.44	cps
Thallium	203-1	2729609	2769267	2787113	2761996	1.07	cps
Thallium	205-1	6377702	6432017	6412311	6407343	0.43	cps
Tin	118-1	2586288	2634134	2602313	2607578	0.93	cps
Titanium	47-1	3929021	3947364	3907118	3927834	0.51	cps
Uranium	238-1	7892849	8095923	8095334	8028035	1.46	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:27:56	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	416475	416417	412886	415260	0.49	cps
Ytterbium	172-1	167	187	240	198	19.17	cps
Ytterbium	172-2	93	83	83	87	6.66	cps
Ytterbium	176-1	16804	17435	17398	17212	2.06	cps
Ytterbium	176-2	5658	6145	5775	5859	4.34	cps
Yttrium	89-1	28597432	29004739	28783860	28795343	0.71	cps
Yttrium	89-2	2182455	2214366	2182538	2193120	0.84	cps
Zinc	66-2	1102960	1099595	1087970	1096841	0.72	cps
Zirconium	90-1	5323518	5435089	5368979	5375862	1.04	cps
Zirconium	91-1	1133170	1142928	1144808	1140302	0.55	cps

LB Number : LB135672 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired : 2025-05-05 12:30:51 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	314684	311353	313575	313204	0.54	cps
Antimony	121-1	6741494	6753418	6876708	6790540	1.10	cps
Arsenic	75-2	135295	137964	137284	136848	1.01	cps
Barium	135-1	7416711	7464325	7405668	7428901	0.42	cps
Barium	137-1	12431039	12803966	12658135	12631047	1.49	cps
Beryllium	9-1	1265901	1309687	1303340	1292976	1.83	cps
Bismuth	209-1	11508394	11203499	11530109	11414000	1.60	cps
Bismuth	209-2	5349572	5265956	5326372	5313967	0.81	cps
Bromine	81-1	14271	14267	13623	14054	2.65	cps
Cadmium	108-1	120410	121866	120636	120971	0.65	cps
Cadmium	106-1	184381	185209	186802	185464	0.66	cps
Cadmium	111-1	1585667	1594701	1600039	1593469	0.46	cps
Calcium	43-1	1654350	1672508	1666960	1664606	0.56	cps
Calcium	44-1	27416310	27480809	27431684	27442934	0.12	cps
Carbon	12-1	3042052	3060710	3066971	3056578	0.42	cps
Carbon	12-2	22704	22551	22484	22580	0.50	cps
Chlorine	35-1	221668	230916	231718	228101	2.45	cps
Chlorine	35-2	1050	1000	933	994	5.89	cps
Chromium	52-2	1042716	1045577	1045851	1044715	0.17	cps
Cobalt	59-2	2118877	2114945	2099005	2110942	0.50	cps
Copper	63-2	17187863	17143017	16874095	17068325	0.99	cps
Dysprosium	156-1	230	180	197	202	12.59	cps
Dysprosium	156-2	20	37	33	30	29.40	cps
Erbium	164-1	210	253	183	216	16.39	cps
Erbium	164-2	83	87	77	82	6.19	cps
Gadolinium	160-1	297	417	417	377	18.39	cps
Gadolinium	160-2	103	83	90	92	11.04	cps
Holmium	165-1	18966509	19088864	19154798	19070057	0.50	cps
Holmium	165-2	7307350	7248241	7239448	7265013	0.51	cps
Indium	115-1	15825672	15766396	15738516	15776861	0.28	cps
Indium	115-2	1739167	1757925	1764125	1753739	0.74	cps
Iron	54-2	2296705	2271919	2291760	2286795	0.57	cps
Iron	56-2	41619119	41871406	41873608	41788044	0.35	cps
Iron	57-2	1011289	1014473	1019072	1014945	0.39	cps
Krypton	83-1	253	333	353	313	16.89	cps
Lead	206-1	22205674	22770557	22792885	22589705	1.47	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:30:51	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	18838885	19003699	19567641	19136742	2.00	cps
Lead	208-1	87709182	87888690	89667731	88421868	1.22	cps
Lithium	6-1	3604853	3621776	3700194	3642274	1.40	cps
Magnesium	24-2	5381104	5393198	5477095	5417132	0.97	cps
Manganese	55-2	4675848	4668375	4618467	4654230	0.67	cps
Molybdenum	94-1	20824534	21090813	20999891	20971746	0.65	cps
Molybdenum	95-1	30230775	30749616	30534256	30504883	0.85	cps
Molybdenum	96-1	33255525	33515459	33710664	33493882	0.68	cps
Molybdenum	97-1	19080288	18976568	19197774	19084877	0.58	cps
Molybdenum	98-1	49640503	49680729	49997943	49773058	0.39	cps
Neodymium	150-1	393	457	407	419	7.97	cps
Neodymium	150-2	23	37	47	36	32.93	cps
Nickel	60-2	565453	564546	563456	564485	0.18	cps
Phosphorus	31-2	19013	18028	18545	18529	2.66	cps
Potassium	39-2	1967919	1971905	1936176	1958667	1.00	cps
Rhodium	103-1	14670844	14567978	14593890	14610904	0.37	cps
Rhodium	103-2	5843101	5830885	5836485	5836824	0.10	cps
Scandium	45-1	9132344	9166364	9228440	9175716	0.53	cps
Scandium	45-2	164904	165817	164877	165199	0.32	cps
Selenium	82-1	92732	93021	93783	93179	0.58	cps
Selenium	77-2	1743	1610	1593	1649	4.99	cps
Selenium	78-2	5548	5798	5588	5645	2.38	cps
Silicon	28-1	10176323	10290566	10243193	10236694	0.56	cps
Silver	107-1	8295507	8253249	8296732	8281829	0.30	cps
Silver	109-1	7578350	7576293	7631320	7595321	0.41	cps
Sodium	23-2	10542043	10569394	10574403	10561947	0.16	cps
Strontium	86-1	1874497	1944285	1910922	1909902	1.83	cps
Strontium	88-1	16627195	16696666	16876575	16733478	0.77	cps
Sulfur	34-1	975477	967849	967331	970219	0.47	cps
Terbium	159-1	19743137	19649955	19929539	19774210	0.72	cps
Terbium	159-2	7170098	6977721	6978688	7042169	1.57	cps
Thallium	203-1	5397120	5557182	5536072	5496791	1.58	cps
Thallium	205-1	12586136	13204400	13062698	12951078	2.50	cps
Tin	118-1	4942254	5012408	5110549	5021737	1.68	cps
Titanium	47-1	7639959	7572714	7626767	7613146	0.47	cps
Uranium	238-1	16021633	16113664	16404361	16179886	1.23	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:30:51	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	800799	794258	795726	796928	0.43	cps
Ytterbium	172-1	263	233	270	256	7.64	cps
Ytterbium	172-2	93	97	80	90	9.80	cps
Ytterbium	176-1	29744	29055	29643	29481	1.26	cps
Ytterbium	176-2	10611	10484	10041	10379	2.89	cps
Yttrium	89-1	27831394	28142029	28288440	28087287	0.83	cps
Yttrium	89-2	2188181	2115553	2128071	2143935	1.81	cps
Zinc	66-2	2182678	2206360	2207149	2198729	0.63	cps
Zirconium	90-1	10122228	10285773	10415242	10274414	1.43	cps
Zirconium	91-1	2337331	2346089	2353036	2345486	0.34	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:33:38	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	607065	606902	610000	607989	0.29	cps
Antimony	121-1	13143648	13357939	13218727	13240105	0.82	cps
Arsenic	75-2	265386	265332	268105	266274	0.60	cps
Barium	135-1	14497616	14548438	14786149	14610734	1.05	cps
Barium	137-1	25004269	24936415	25065355	25002013	0.26	cps
Beryllium	9-1	2480265	2489563	2534621	2501483	1.16	cps
Bismuth	209-1	11292289	11320551	11423844	11345562	0.61	cps
Bismuth	209-2	5193990	5209602	5288979	5230857	0.97	cps
Bromine	81-1	13683	13236	14084	13668	3.10	cps
Cadmium	108-1	230237	232892	237356	233495	1.54	cps
Cadmium	106-1	342782	341715	346544	343681	0.74	cps
Cadmium	111-1	3015873	3111940	3066640	3064817	1.57	cps
Calcium	43-1	3202075	3233713	3202564	3212784	0.56	cps
Calcium	44-1	52499896	53244531	51900381	52548269	1.28	cps
Carbon	12-1	3140166	3251891	3343050	3245036	3.13	cps
Carbon	12-2	25148	25449	25295	25297	0.59	cps
Chlorine	35-1	209707	216011	218826	214848	2.17	cps
Chlorine	35-2	923	827	970	907	8.06	cps
Chromium	52-2	2171540	2147887	2166148	2161858	0.57	cps
Cobalt	59-2	4053640	4088493	4113386	4085173	0.73	cps
Copper	63-2	32986464	33105241	33180530	33090745	0.30	cps
Dysprosium	156-1	390	360	320	357	9.85	cps
Dysprosium	156-2	57	47	60	54	12.74	cps
Erbium	164-1	287	240	280	269	9.39	cps
Erbium	164-2	103	97	97	99	3.89	cps
Gadolinium	160-1	457	383	470	437	10.69	cps
Gadolinium	160-2	123	90	143	119	22.66	cps
Holmium	165-1	18870730	19315483	19287273	19157829	1.30	cps
Holmium	165-2	7226980	7161424	7097568	7161991	0.90	cps
Indium	115-1	15153163	15481817	15659809	15431596	1.67	cps
Indium	115-2	1703678	1721369	1715197	1713414	0.52	cps
Iron	54-2	4421321	4430988	4411417	4421242	0.22	cps
Iron	56-2	79888355	81162055	81776664	80942358	1.19	cps
Iron	57-2	2085877	2104898	2125818	2105531	0.95	cps
Krypton	83-1	330	267	370	322	16.17	cps
Lead	206-1	43858369	43364424	44570931	43931242	1.38	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:33:38	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	37304569	36816454	38040700	37387241	1.65	cps
Lead	208-1	173065603	170377593	174530713	172657970	1.22	cps
Lithium	6-1	3550254	3585749	3678471	3604825	1.84	cps
Magnesium	24-2	10705763	10489541	10515107	10570137	1.12	cps
Manganese	55-2	8945763	8932065	9019590	8965806	0.53	cps
Molybdenum	94-1	40809595	41252411	40563698	40875235	0.85	cps
Molybdenum	95-1	59401607	60689142	60229047	60106599	1.09	cps
Molybdenum	96-1	65316821	66006612	66630014	65984482	1.00	cps
Molybdenum	97-1	37654181	37238096	37629019	37507099	0.62	cps
Molybdenum	98-1	97134105	96475749	96786262	96798705	0.34	cps
Neodymium	150-1	867	810	893	857	4.97	cps
Neodymium	150-2	43	30	27	33	26.45	cps
Nickel	60-2	1074894	1080452	1082240	1079195	0.35	cps
Phosphorus	31-2	35614	35771	35934	35773	0.45	cps
Potassium	39-2	3714720	3765770	3751232	3743907	0.70	cps
Rhodium	103-1	14257222	14284647	14526598	14356156	1.03	cps
Rhodium	103-2	5632105	5655489	5642274	5643289	0.21	cps
Scandium	45-1	8905922	8863257	8878484	8882554	0.24	cps
Scandium	45-2	160704	162123	161435	161421	0.44	cps
Selenium	82-1	177344	179703	180777	179275	0.98	cps
Selenium	77-2	3140	3140	3244	3175	1.88	cps
Selenium	78-2	10571	11028	10964	10854	2.28	cps
Silicon	28-1	19000228	19227795	19283492	19170505	0.78	cps
Silver	107-1	15742004	15781849	16023886	15849246	0.96	cps
Silver	109-1	14386666	14855126	14978563	14740118	2.12	cps
Sodium	23-2	21077448	20676716	20329766	20694643	1.81	cps
Strontium	86-1	3652218	3750735	3767525	3723492	1.67	cps
Strontium	88-1	32511637	32838549	32149885	32500023	1.06	cps
Sulfur	34-1	1143523	1188166	1182529	1171406	2.08	cps
Terbium	159-1	20003121	19763826	19875559	19880835	0.60	cps
Terbium	159-2	7142725	7038087	7045642	7075485	0.82	cps
Thallium	203-1	10797426	10724460	10812769	10778218	0.44	cps
Thallium	205-1	25318663	25529543	25631325	25493177	0.63	cps
Tin	118-1	9696086	9911323	9742140	9783183	1.16	cps
Titanium	47-1	14621244	14773855	14685781	14693627	0.52	cps
Uranium	238-1	32010481	31772268	33218595	32333781	2.40	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:33:38	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1612270	1617863	1634572	1621568	0.72	cps
Ytterbium	172-1	300	293	253	282	8.94	cps
Ytterbium	172-2	103	137	87	109	23.38	cps
Ytterbium	176-1	53548	53167	53966	53560	0.75	cps
Ytterbium	176-2	19838	19955	19818	19871	0.37	cps
Yttrium	89-1	27629770	28101076	27234450	27655099	1.57	cps
Yttrium	89-2	2124625	2124575	2109487	2119563	0.41	cps
Zinc	66-2	4145883	4205115	4132325	4161108	0.93	cps
Zirconium	90-1	19959272	20642287	20214946	20272168	1.70	cps
Zirconium	91-1	4397517	4681675	4558460	4545884	3.13	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:36:24	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1240707	1266438	1240107	1249084	1.20	cps
Antimony	121-1	25841350	26069414	26202566	26037777	0.70	cps
Arsenic	75-2	532101	534978	528252	531777	0.63	cps
Barium	135-1	28620917	29405130	29085260	29037102	1.36	cps
Barium	137-1	48553743	49664496	50078471	49432236	1.60	cps
Beryllium	9-1	4701891	4731586	4778427	4737302	0.81	cps
Bismuth	209-1	11062562	11272393	11286250	11207069	1.12	cps
Bismuth	209-2	5180409	5143825	5011246	5111826	1.74	cps
Bromine	81-1	13877	13990	13817	13895	0.63	cps
Cadmium	108-1	451021	458818	465336	458392	1.56	cps
Cadmium	106-1	658256	671417	671711	667128	1.15	cps
Cadmium	111-1	5786564	5924764	5903240	5871522	1.27	cps
Calcium	43-1	6041643	6281172	6303466	6208761	2.34	cps
Calcium	44-1	102040968	105683368	105192208	104305515	1.89	cps
Carbon	12-1	3853540	4056838	4200568	4036982	4.32	cps
Carbon	12-2	33572	33669	34765	34002	1.95	cps
Chlorine	35-1	222131	230106	234433	228890	2.73	cps
Chlorine	35-2	1057	960	1037	1018	5.01	cps
Chromium	52-2	4281182	4285860	4262502	4276515	0.29	cps
Cobalt	59-2	8260900	8032682	8124656	8139413	1.41	cps
Copper	63-2	65082481	65318201	65325007	65241896	0.21	cps
Dysprosium	156-1	670	683	627	660	4.49	cps
Dysprosium	156-2	83	83	90	86	4.50	cps
Erbium	164-1	393	427	450	423	6.73	cps
Erbium	164-2	167	137	127	143	14.52	cps
Gadolinium	160-1	510	527	547	528	3.48	cps
Gadolinium	160-2	143	130	153	142	8.23	cps
Holmium	165-1	18993213	19058854	19350746	19134271	0.99	cps
Holmium	165-2	7310841	7056210	7118034	7161695	1.85	cps
Indium	115-1	15041153	15244680	15133983	15139939	0.67	cps
Indium	115-2	1681794	1654069	1677805	1671223	0.90	cps
Iron	54-2	8797667	8844972	8922609	8855083	0.71	cps
Iron	56-2	162867114	161608551	161561141	162012269	0.46	cps
Iron	57-2	4101043	4123621	4113225	4112630	0.27	cps
Krypton	83-1	340	297	343	327	7.97	cps
Lead	206-1	86410289	88354249	87375255	87379931	1.11	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:36:24	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	73407804	74330564	74966216	74234861	1.06	cps
Lead	208-1	338690263	345361283	343698348	342583298	1.01	cps
Lithium	6-1	3394305	3487747	3476490	3452848	1.48	cps
Magnesium	24-2	21138833	21109189	20997486	21081836	0.35	cps
Manganese	55-2	18196631	18039118	18133973	18123241	0.44	cps
Molybdenum	94-1	80708449	82912410	83465025	82361962	1.77	cps
Molybdenum	95-1	118869298	121049902	121434815	120451338	1.15	cps
Molybdenum	96-1	129538485	132361651	131155045	131018394	1.08	cps
Molybdenum	97-1	72378847	74571204	74036071	73662041	1.55	cps
Molybdenum	98-1	187578817	193552730	195030157	192053902	2.05	cps
Neodymium	150-1	1573	1603	1450	1542	5.27	cps
Neodymium	150-2	83	117	73	91	24.91	cps
Nickel	60-2	2377196	2295724	2323735	2332218	1.77	cps
Phosphorus	31-2	71106	70708	72296	71370	1.16	cps
Potassium	39-2	7566281	7488026	7395435	7483247	1.14	cps
Rhodium	103-1	13777422	13899770	14190487	13955893	1.52	cps
Rhodium	103-2	5540740	5620413	5630845	5597333	0.88	cps
Scandium	45-1	8740187	8870022	8925220	8845143	1.07	cps
Scandium	45-2	165966	165375	165258	165533	0.23	cps
Selenium	82-1	348374	353545	355514	352478	1.05	cps
Selenium	77-2	6402	6255	6231	6296	1.46	cps
Selenium	78-2	21289	21239	21560	21363	0.81	cps
Silicon	28-1	34785881	35279681	35245328	35103630	0.79	cps
Silver	107-1	30686484	31031479	31353136	31023700	1.07	cps
Silver	109-1	28282876	28787954	28800209	28623680	1.03	cps
Sodium	23-2	41121476	41708222	41150790	41326829	0.80	cps
Strontium	86-1	7224337	7353827	7369073	7315745	1.09	cps
Strontium	88-1	63160224	65430126	64865499	64485283	1.83	cps
Sulfur	34-1	1837298	1861292	1887138	1861909	1.34	cps
Terbium	159-1	19817952	19958497	19613418	19796622	0.88	cps
Terbium	159-2	7013726	7047540	6998470	7019912	0.36	cps
Thallium	203-1	21143966	21618619	21235246	21332610	1.18	cps
Thallium	205-1	50771189	51554728	50800659	51042192	0.87	cps
Tin	118-1	18979658	19450133	19402394	19277395	1.34	cps
Titanium	47-1	28653533	29133112	29480393	29089013	1.43	cps
Uranium	238-1	62793362	64290641	66074916	64386306	2.55	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:36:24	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3198965	3264400	3208714	3224026	1.09	cps
Ytterbium	172-1	480	493	540	504	6.25	cps
Ytterbium	172-2	237	220	230	229	3.67	cps
Ytterbium	176-1	101570	102944	104388	102967	1.37	cps
Ytterbium	176-2	39322	38807	38379	38836	1.22	cps
Yttrium	89-1	27132609	27748304	27549326	27476746	1.14	cps
Yttrium	89-2	2125325	2130976	2122428	2126243	0.20	cps
Zinc	66-2	8155846	8354430	8183703	8231326	1.31	cps
Zirconium	90-1	40116989	40945342	40652957	40571762	1.04	cps
Zirconium	91-1	8948819	9026148	9042693	9005886	0.56	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:39:12	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6252367	6343374	6224672	6273471	0.99	cps
Antimony	121-1	19000	18860	18449	18770	1.52	cps
Arsenic	75-2	300	260	357	306	15.90	cps
Barium	135-1	11238	11025	11261	11175	1.17	cps
Barium	137-1	19210	19084	19611	19302	1.43	cps
Beryllium	9-1	794	660	618	691	13.27	cps
Bismuth	209-1	10350650	10239265	10128115	10239343	1.09	cps
Bismuth	209-2	4812279	4715161	4732921	4753454	1.09	cps
Bromine	81-1	14861	14034	14691	14529	3.01	cps
Cadmium	108-1	177	177	190	181	4.25	cps
Cadmium	106-1	12205	12255	12266	12242	0.26	cps
Cadmium	111-1	2027	1915	1927	1956	3.14	cps
Calcium	43-1	30709317	30529573	31224314	30821068	1.17	cps
Calcium	44-1	511521486	511507352	523094379	515374406	1.30	cps
Carbon	12-1	3130378	3078418	3095012	3101269	0.86	cps
Carbon	12-2	28544	28641	29055	28747	0.94	cps
Chlorine	35-1	170761	175489	176768	174339	1.81	cps
Chlorine	35-2	877	730	690	766	12.84	cps
Chromium	52-2	37890	37860	37937	37896	0.10	cps
Cobalt	59-2	17304	16466	17457	17076	3.12	cps
Copper	63-2	19090	19373	19570	19344	1.25	cps
Dysprosium	156-1	827	913	950	897	7.06	cps
Dysprosium	156-2	240	217	267	241	10.38	cps
Erbium	164-1	1017	1077	990	1028	4.32	cps
Erbium	164-2	403	420	343	389	10.37	cps
Gadolinium	160-1	1077	1003	923	1001	7.66	cps
Gadolinium	160-2	393	413	340	382	9.92	cps
Holmium	165-1	18692083	18345074	18519515	18518891	0.94	cps
Holmium	165-2	6979387	7087353	6956112	7007617	1.00	cps
Indium	115-1	14473153	14681159	14909583	14687965	1.49	cps
Indium	115-2	1702785	1706400	1680288	1696491	0.83	cps
Iron	54-2	42449474	42783829	42261176	42498159	0.62	cps
Iron	56-2	802605801	791410922	791505055	795173926	0.81	cps
Iron	57-2	19928766	20017692	20146336	20030931	0.55	cps
Krypton	83-1	417	407	360	394	7.67	cps
Lead	206-1	92819	92507	91033	92120	1.04	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:39:12	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	79840	80407	77339	79195	2.06	cps
Lead	208-1	366578	366451	360489	364506	0.95	cps
Lithium	6-1	3366636	3386825	3462780	3405414	1.49	cps
Magnesium	24-2	103541402	103412818	103831278	103595166	0.21	cps
Manganese	55-2	12289	12119	12022	12143	1.11	cps
Molybdenum	94-1	17194	15632	15822	16216	5.25	cps
Molybdenum	95-1	15562	15058	14584	15068	3.24	cps
Molybdenum	96-1	25857	25276	24762	25299	2.17	cps
Molybdenum	97-1	9450	9186	8736	9124	3.96	cps
Molybdenum	98-1	23957	22585	22171	22905	4.08	cps
Neodymium	150-1	413	443	353	403	11.36	cps
Neodymium	150-2	130	103	113	116	11.66	cps
Nickel	60-2	10684	11008	11181	10958	2.30	cps
Phosphorus	31-2	153	117	163	144	17.01	cps
Potassium	39-2	37582102	37656250	37992350	37743567	0.58	cps
Rhodium	103-1	12978506	13182241	13111943	13090897	0.79	cps
Rhodium	103-2	5251751	5276676	5260153	5262860	0.24	cps
Scandium	45-1	8635501	8804213	8916925	8785546	1.61	cps
Scandium	45-2	163762	167433	167116	166104	1.22	cps
Selenium	82-1	163	187	387	246	50.00	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	30	23	27	27	12.51	cps
Silicon	28-1	683758	659251	646532	663180	2.85	cps
Silver	107-1	3224	2834	2547	2868	11.84	cps
Silver	109-1	3007	2497	2330	2611	13.50	cps
Sodium	23-2	203364937	200869324	202783557	202339273	0.65	cps
Strontium	86-1	23276	23316	23767	23453	1.16	cps
Strontium	88-1	202485	206841	204823	204716	1.06	cps
Sulfur	34-1	441589	455921	465217	454243	2.62	cps
Terbium	159-1	19176679	19318548	19315048	19270092	0.42	cps
Terbium	159-2	6884544	6865876	6880949	6877123	0.14	cps
Thallium	203-1	3320	2714	2697	2910	12.21	cps
Thallium	205-1	7369	6562	6368	6766	7.84	cps
Tin	118-1	7275	7359	6918	7184	3.25	cps
Titanium	47-1	3037	2907	3017	2987	2.34	cps
Uranium	238-1	2990	2540	2147	2559	16.49	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:39:12	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	837	840	833	837	0.40	cps
Ytterbium	172-1	1443	1530	1690	1555	8.05	cps
Ytterbium	172-2	757	753	693	734	4.85	cps
Ytterbium	176-1	4891	4774	4781	4815	1.36	cps
Ytterbium	176-2	1327	1283	1313	1308	1.70	cps
Yttrium	89-1	26847927	27120782	27549426	27172712	1.30	cps
Yttrium	89-2	2185068	2184436	2145868	2171791	1.03	cps
Zinc	66-2	49891	50316	49938	50048	0.47	cps
Zirconium	90-1	20141	19240	19918	19766	2.37	cps
Zirconium	91-1	4274	4437	4034	4248	4.78	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:52:15	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	34167	34083	33365	33872	1.30	cps
Antimony	121-1	5537113	5656068	5704616	5632599	1.53	cps
Arsenic	75-2	120809	120433	120806	120682	0.18	cps
Barium	135-1	593592	602962	609311	601955	1.31	cps
Barium	137-1	1029516	1040477	1049677	1039890	0.97	cps
Beryllium	9-1	513468	520682	522551	518900	0.92	cps
Bismuth	209-1	11809987	12077748	12088967	11992234	1.32	cps
Bismuth	209-2	5689416	5771613	5704673	5721900	0.76	cps
Bromine	81-1	15806	15469	15308	15528	1.63	cps
Cadmium	108-1	44134	44224	45803	44720	2.10	cps
Cadmium	106-1	73424	75190	73360	73991	1.40	cps
Cadmium	111-1	635169	643414	652378	643653	1.34	cps
Calcium	43-1	135744	138769	138308	137607	1.18	cps
Calcium	44-1	2385955	2399199	2382302	2389152	0.37	cps
Carbon	12-1	3055498	3044968	3094838	3065101	0.86	cps
Carbon	12-2	21599	21696	21709	21668	0.28	cps
Chlorine	35-1	186242	192042	194424	190902	2.20	cps
Chlorine	35-2	817	763	837	806	4.71	cps
Chromium	52-2	470930	475724	471512	472722	0.55	cps
Cobalt	59-2	925599	926515	925284	925800	0.07	cps
Copper	63-2	747962	750851	750844	749886	0.22	cps
Dysprosium	156-1	37	23	20	27	33.08	cps
Dysprosium	156-2	10	13	3	9	57.30	cps
Erbium	164-1	133	147	183	154	16.76	cps
Erbium	164-2	73	37	50	53	34.79	cps
Gadolinium	160-1	270	263	297	277	6.37	cps
Gadolinium	160-2	53	53	53	53	0.00	cps
Holmium	165-1	19701208	19944099	19636155	19760487	0.82	cps
Holmium	165-2	7805234	7789274	7561002	7718503	1.77	cps
Indium	115-1	17303791	17017089	17182483	17167788	0.84	cps
Indium	115-2	1990518	2014246	1977574	1994113	0.93	cps
Iron	54-2	396579	395270	396950	396266	0.22	cps
Iron	56-2	7305263	7233409	7284408	7274360	0.51	cps
Iron	57-2	176987	177457	176342	176928	0.32	cps
Krypton	83-1	293	353	343	330	9.74	cps
Lead	206-1	3840553	3797844	3768571	3802323	0.95	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:52:15	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3177388	3134050	3057683	3123040	1.94	cps
Lead	208-1	14731285	14543104	14467182	14580524	0.93	cps
Lithium	6-1	3770828	3815014	3871187	3819010	1.32	cps
Magnesium	24-2	276098	275093	275961	275718	0.20	cps
Manganese	55-2	203294	204129	203794	203739	0.21	cps
Molybdenum	94-1	1913	1720	1910	1848	5.99	cps
Molybdenum	95-1	937	880	870	896	4.01	cps
Molybdenum	96-1	1450	1617	1547	1538	5.44	cps
Molybdenum	97-1	613	603	617	611	1.14	cps
Molybdenum	98-1	1520	1613	1500	1545	3.92	cps
Neodymium	150-1	63	67	50	60	14.70	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	259270	260972	257967	259403	0.58	cps
Phosphorus	31-2	160	190	140	163	15.41	cps
Potassium	39-2	336839	339202	339910	338650	0.47	cps
Rhodium	103-1	16129017	16071631	16255762	16152137	0.58	cps
Rhodium	103-2	6558511	6538243	6403681	6500145	1.29	cps
Scandium	45-1	10133903	9985346	10109469	10076239	0.79	cps
Scandium	45-2	184849	186814	186783	186149	0.60	cps
Selenium	82-1	80642	82775	82610	82009	1.45	cps
Selenium	77-2	1533	1593	1450	1526	4.72	cps
Selenium	78-2	5111	5504	5048	5221	4.74	cps
Silicon	28-1	465403	462431	461279	463038	0.46	cps
Silver	107-1	58386	58413	59189	58663	0.78	cps
Silver	109-1	53366	54812	56171	54783	2.56	cps
Sodium	23-2	945328	947716	947355	946800	0.14	cps
Strontium	86-1	2677	2734	2720	2710	1.09	cps
Strontium	88-1	20068	20298	20255	20207	0.61	cps
Sulfur	34-1	558863	553808	548571	553748	0.93	cps
Terbium	159-1	21005158	21025284	20950541	20993661	0.18	cps
Terbium	159-2	7614542	7464118	7535799	7538153	1.00	cps
Thallium	203-1	4507155	4487355	4434385	4476298	0.84	cps
Thallium	205-1	10679033	10703467	10732667	10705056	0.25	cps
Tin	118-1	4754	4681	4621	4685	1.43	cps
Titanium	47-1	457	460	450	456	1.12	cps
Uranium	238-1	207	157	173	179	14.23	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 12:52:15	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	352845	351359	354306	352837	0.42	cps
Ytterbium	172-1	133	140	100	124	17.22	cps
Ytterbium	172-2	57	80	67	68	17.27	cps
Ytterbium	176-1	3757	3994	3991	3914	3.47	cps
Ytterbium	176-2	1303	1307	1270	1293	1.57	cps
Yttrium	89-1	30626237	30472505	30820309	30639683	0.57	cps
Yttrium	89-2	2444003	2415970	2423444	2427806	0.60	cps
Zinc	66-2	183771	185172	184703	184549	0.39	cps
Zirconium	90-1	3604	3667	3747	3673	1.96	cps
Zirconium	91-1	1290	1323	1360	1325	2.64	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:16:08	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1610	1707	1550	1622	4.87	cps
Antimony	121-1	58170	60392	60011	59524	2.00	cps
Arsenic	75-2	833	643	687	721	13.81	cps
Barium	135-1	64111	64864	66766	65247	2.10	cps
Barium	137-1	112005	112368	114214	112862	1.05	cps
Beryllium	9-1	6085	6164	6354	6201	2.23	cps
Bismuth	209-1	12142324	12381589	12280445	12268120	0.98	cps
Bismuth	209-2	5826942	5845550	5861516	5844669	0.30	cps
Bromine	81-1	15282	15949	15629	15620	2.14	cps
Cadmium	108-1	667	623	610	633	4.68	cps
Cadmium	106-1	12673	12829	12616	12706	0.87	cps
Cadmium	111-1	8179	8499	8273	8317	1.97	cps
Calcium	43-1	40908	40644	40497	40683	0.51	cps
Calcium	44-1	690181	692022	697872	693358	0.58	cps
Carbon	12-1	2736635	2716474	2698056	2717055	0.71	cps
Carbon	12-2	18158	18589	18185	18310	1.32	cps
Chlorine	35-1	143570	142281	141941	142597	0.60	cps
Chlorine	35-2	637	600	613	617	3.01	cps
Chromium	52-2	11268	11431	11732	11477	2.05	cps
Cobalt	59-2	10751	10541	10978	10756	2.03	cps
Copper	63-2	18128	18238	17911	18093	0.92	cps
Dysprosium	156-1	50	27	17	31	54.97	cps
Dysprosium	156-2	20	10	10	13	43.30	cps
Erbium	164-1	183	153	173	170	8.99	cps
Erbium	164-2	40	80	27	49	56.77	cps
Gadolinium	160-1	300	193	207	233	24.91	cps
Gadolinium	160-2	47	67	53	56	18.33	cps
Holmium	165-1	20267765	20273183	20233787	20258245	0.11	cps
Holmium	165-2	7913699	7996359	7878584	7929548	0.76	cps
Indium	115-1	17662503	17318014	17700400	17560306	1.20	cps
Indium	115-2	2017569	2053237	2000625	2023810	1.33	cps
Iron	54-2	11795	11835	11768	11799	0.28	cps
Iron	56-2	210976	209648	209124	209916	0.45	cps
Iron	57-2	5028	5274	5221	5174	2.51	cps
Krypton	83-1	350	293	270	304	13.51	cps
Lead	206-1	21134	20690	20446	20757	1.68	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:16:08	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	17789	17906	17686	17793	0.62	cps
Lead	208-1	81680	81152	81464	81432	0.33	cps
Lithium	6-1	3810965	3931148	3911659	3884591	1.66	cps
Magnesium	24-2	136620	137202	134887	136236	0.88	cps
Manganese	55-2	6538	6528	6595	6554	0.55	cps
Molybdenum	94-1	56919	57056	57542	57172	0.57	cps
Molybdenum	95-1	69091	69653	69790	69511	0.53	cps
Molybdenum	96-1	77323	76915	78567	77602	1.11	cps
Molybdenum	97-1	42712	43240	43652	43201	1.09	cps
Molybdenum	98-1	111789	111738	111023	111517	0.38	cps
Neodymium	150-1	10	37	30	26	54.31	cps
Neodymium	150-2	7	17	10	11	45.82	cps
Nickel	60-2	3224	3007	3070	3100	3.59	cps
Phosphorus	31-2	243	253	250	249	2.05	cps
Potassium	39-2	108511	105163	106093	106589	1.62	cps
Rhodium	103-1	16500668	16635912	16447088	16527889	0.59	cps
Rhodium	103-2	6754805	6777594	6679001	6737133	0.77	cps
Scandium	45-1	10491536	10368662	10379048	10413082	0.65	cps
Scandium	45-2	192308	191910	191177	191798	0.30	cps
Selenium	82-1	2250	2157	2324	2244	3.72	cps
Selenium	77-2	77	50	40	56	34.12	cps
Selenium	78-2	163	197	150	170	14.14	cps
Silicon	28-1	546810	531073	529122	535668	1.81	cps
Silver	107-1	34904	36578	36809	36097	2.88	cps
Silver	109-1	32919	33628	34563	33703	2.45	cps
Sodium	23-2	296852	291418	292948	293739	0.95	cps
Strontium	86-1	9120	9450	9620	9397	2.71	cps
Strontium	88-1	76267	77885	77678	77277	1.14	cps
Sulfur	34-1	579354	580200	580956	580170	0.14	cps
Terbium	159-1	21239900	21199284	21006988	21148724	0.59	cps
Terbium	159-2	7746478	7798067	7704835	7749794	0.60	cps
Thallium	203-1	23521	24226	24396	24048	1.93	cps
Thallium	205-1	56894	57627	57848	57456	0.87	cps
Tin	118-1	112937	114315	116661	114638	1.64	cps
Titanium	47-1	18652	18359	18963	18658	1.62	cps
Uranium	238-1	67384	68959	69730	68691	1.74	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:16:08	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	19717	19934	20304	19985	1.49	cps
Ytterbium	172-1	147	117	173	146	19.48	cps
Ytterbium	172-2	50	63	57	57	11.76	cps
Ytterbium	176-1	3711	3794	3681	3728	1.58	cps
Ytterbium	176-2	1110	1077	1140	1109	2.86	cps
Yttrium	89-1	31377862	31463585	31480657	31440701	0.18	cps
Yttrium	89-2	2491511	2476946	2483271	2483909	0.29	cps
Zinc	66-2	5855	5915	6061	5944	1.79	cps
Zirconium	90-1	49327	49009	49176	49171	0.32	cps
Zirconium	91-1	10778	10644	11075	10832	2.03	cps

LB Number : LB135672 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired : 2025-05-05 13:22:15 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	110	147	160	139	18.64	cps
Antimony	121-1	157	190	213	187	15.26	cps
Arsenic	75-2	20	7	3	10	88.20	cps
Barium	135-1	80	57	93	77	24.20	cps
Barium	137-1	137	117	117	123	9.36	cps
Beryllium	9-1	98	83	88	90	8.53	cps
Bismuth	209-1	12440184	12411746	12309841	12387257	0.55	cps
Bismuth	209-2	5781350	5874171	5878862	5844794	0.94	cps
Bromine	81-1	15829	15796	15676	15767	0.51	cps
Cadmium	108-1	27	37	30	31	16.37	cps
Cadmium	106-1	11595	11355	11645	11532	1.35	cps
Cadmium	111-1	1154	1123	1150	1142	1.48	cps
Calcium	43-1	1270	1160	1167	1199	5.14	cps
Calcium	44-1	44680	44226	43827	44244	0.96	cps
Carbon	12-1	2681248	2628371	2626455	2645358	1.18	cps
Carbon	12-2	18398	18241	18298	18313	0.43	cps
Chlorine	35-1	170214	173192	175186	172864	1.45	cps
Chlorine	35-2	773	700	733	736	4.99	cps
Chromium	52-2	1053	1143	943	1047	9.57	cps
Cobalt	59-2	103	130	67	100	31.80	cps
Copper	63-2	1003	960	917	960	4.51	cps
Dysprosium	156-1	23	20	23	22	8.65	cps
Dysprosium	156-2	10	7	0	6	91.64	cps
Erbium	164-1	110	130	157	132	17.71	cps
Erbium	164-2	57	60	70	62	11.15	cps
Gadolinium	160-1	243	243	250	246	1.57	cps
Gadolinium	160-2	50	37	67	51	29.41	cps
Holmium	165-1	20105556	20074903	20267655	20149371	0.51	cps
Holmium	165-2	7841752	7772687	7761013	7791817	0.56	cps
Indium	115-1	17367806	17841925	17678065	17629265	1.37	cps
Indium	115-2	2025830	2025827	2035370	2029009	0.27	cps
Iron	54-2	517	537	503	519	3.23	cps
Iron	56-2	5028	5034	4941	5001	1.04	cps
Iron	57-2	103	100	143	116	20.87	cps
Krypton	83-1	327	373	343	348	6.80	cps
Lead	206-1	1613	1633	1587	1611	1.45	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:22:15	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1397	1330	1333	1353	2.78	cps
Lead	208-1	6281	6177	6124	6194	1.29	cps
Lithium	6-1	3962261	3942333	3905221	3936605	0.74	cps
Magnesium	24-2	497	527	530	518	3.55	cps
Manganese	55-2	4577	4377	4521	4492	2.30	cps
Molybdenum	94-1	750	770	750	757	1.53	cps
Molybdenum	95-1	210	207	220	212	3.27	cps
Molybdenum	96-1	437	340	303	360	19.13	cps
Molybdenum	97-1	143	173	97	138	28.04	cps
Molybdenum	98-1	347	267	313	309	13.01	cps
Neodymium	150-1	17	10	10	12	31.50	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	300	330	267	299	10.60	cps
Phosphorus	31-2	107	97	153	119	25.44	cps
Potassium	39-2	13920	13727	13910	13852	0.79	cps
Rhodium	103-1	16583844	16091600	16443821	16373088	1.55	cps
Rhodium	103-2	6680856	6747034	6586813	6671568	1.21	cps
Scandium	45-1	10272931	10262054	10534973	10356653	1.49	cps
Scandium	45-2	192290	191910	192758	192319	0.22	cps
Selenium	82-1	-13	-63	-60	-46	-61.37	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	7	0	10	6	91.64	cps
Silicon	28-1	433758	429474	440344	434525	1.26	cps
Silver	107-1	360	377	300	346	11.67	cps
Silver	109-1	167	177	197	180	8.49	cps
Sodium	23-2	31210	30402	30696	30769	1.33	cps
Strontium	86-1	533	513	547	531	3.16	cps
Strontium	88-1	493	473	457	474	3.87	cps
Sulfur	34-1	586217	580143	583672	583344	0.52	cps
Terbium	159-1	20939191	21262693	20691792	20964559	1.37	cps
Terbium	159-2	7628356	7741497	7781443	7717098	1.03	cps
Thallium	203-1	457	543	513	504	8.72	cps
Thallium	205-1	1160	1100	1117	1126	2.75	cps
Tin	118-1	4027	3971	4001	4000	0.71	cps
Titanium	47-1	327	287	310	308	6.53	cps
Uranium	238-1	80	90	47	72	31.41	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:22:15	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3	23	7	11	96.43	cps
Ytterbium	172-1	163	133	130	142	12.91	cps
Ytterbium	172-2	90	63	67	73	19.81	cps
Ytterbium	176-1	3521	3397	3477	3465	1.81	cps
Ytterbium	176-2	1027	1070	1020	1039	2.61	cps
Yttrium	89-1	31241800	31445674	31836243	31507905	0.96	cps
Yttrium	89-2	2462763	2474698	2437144	2458202	0.78	cps
Zinc	66-2	597	690	623	637	7.55	cps
Zirconium	90-1	1897	1917	1837	1883	2.21	cps
Zirconium	91-1	380	370	373	374	1.36	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:25:36	DataFile Name :	020ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6373987	6355815	6418966	6382923	0.51	cps
Antimony	121-1	29435	29709	30664	29936	2.16	cps
Arsenic	75-2	213	147	177	179	18.67	cps
Barium	135-1	8489	8723	8393	8535	1.99	cps
Barium	137-1	14531	14922	14902	14785	1.49	cps
Beryllium	9-1	1366	1531	1431	1443	5.75	cps
Bismuth	209-1	11711619	11447102	11509372	11556031	1.20	cps
Bismuth	209-2	5414028	5383219	5308553	5368600	1.01	cps
Bromine	81-1	16350	16947	17778	17025	4.21	cps
Cadmium	108-1	5101	5334	5308	5248	2.43	cps
Cadmium	106-1	10934	10728	10978	10880	1.23	cps
Cadmium	111-1	3804	3407	3784	3665	6.11	cps
Calcium	43-1	6829821	6899677	7102734	6944077	2.04	cps
Calcium	44-1	113160875	114746882	117409042	115105599	1.86	cps
Carbon	12-1	37326184	37954442	38377253	37885960	1.40	cps
Carbon	12-2	270899	270499	273059	271485	0.51	cps
Chlorine	35-1	100689352	107535062	110561852	106262088	4.76	cps
Chlorine	35-2	458812	464421	469819	464351	1.19	cps
Chromium	52-2	91614	92175	92553	92114	0.51	cps
Cobalt	59-2	10217	10384	10784	10462	2.79	cps
Copper	63-2	56218	55745	57051	56338	1.17	cps
Dysprosium	156-1	113	123	130	122	6.87	cps
Dysprosium	156-2	33	40	30	34	14.78	cps
Erbium	164-1	207	250	237	231	9.60	cps
Erbium	164-2	80	87	70	79	10.64	cps
Gadolinium	160-1	283	317	290	297	5.94	cps
Gadolinium	160-2	100	70	90	87	17.63	cps
Holmium	165-1	19662070	19977213	19813039	19817441	0.80	cps
Holmium	165-2	7696916	7626041	7623067	7648674	0.55	cps
Indium	115-1	15945901	16447155	16457806	16283620	1.80	cps
Indium	115-2	1905211	1872613	1863532	1880452	1.17	cps
Iron	54-2	19449560	19336203	19250546	19345436	0.52	cps
Iron	56-2	354530195	362874648	360310395	359238412	1.19	cps
Iron	57-2	9117652	9082860	9145540	9115351	0.34	cps
Krypton	83-1	357	363	333	351	4.49	cps
Lead	206-1	81333	79807	81470	80870	1.14	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:25:36	DataFile Name :	020ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	64453	63933	63103	63830	1.07	cps
Lead	208-1	306407	303306	303539	304418	0.57	cps
Lithium	6-1	3683302	3516763	3617602	3605889	2.33	cps
Magnesium	24-2	22395090	22558512	22484212	22479271	0.36	cps
Manganese	55-2	18689	18719	18983	18797	0.86	cps
Molybdenum	94-1	13983331	14137402	14723131	14281288	2.73	cps
Molybdenum	95-1	24803496	25379952	25876630	25353359	2.12	cps
Molybdenum	96-1	26409629	27179924	27475917	27021823	2.04	cps
Molybdenum	97-1	15671856	15716761	15916270	15768296	0.83	cps
Molybdenum	98-1	40913556	41806789	41364219	41361521	1.08	cps
Neodymium	150-1	157	110	123	130	18.49	cps
Neodymium	150-2	23	50	47	40	36.33	cps
Nickel	60-2	13263	13733	13607	13534	1.80	cps
Phosphorus	31-2	405469	408529	408255	407418	0.42	cps
Potassium	39-2	16411059	16738084	16666788	16605310	1.04	cps
Rhodium	103-1	14944616	15130138	14899639	14991465	0.82	cps
Rhodium	103-2	6069763	6065247	6130690	6088567	0.60	cps
Scandium	45-1	9772987	9779611	9978525	9843708	1.19	cps
Scandium	45-2	181312	182969	184076	182785	0.76	cps
Selenium	82-1	20	30	73	41	68.96	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	17	10	17	14	26.66	cps
Silicon	28-1	717557	695461	690418	701145	2.06	cps
Silver	107-1	1947	1873	1707	1842	6.68	cps
Silver	109-1	1790	1540	1663	1665	7.51	cps
Sodium	23-2	46626656	46882098	47237823	46915525	0.65	cps
Strontium	86-1	257065	260409	264976	260817	1.52	cps
Strontium	88-1	2399198	2499040	2468319	2455519	2.08	cps
Sulfur	34-1	8156884	8193310	8262916	8204370	0.66	cps
Terbium	159-1	20927967	20579099	20962001	20823022	1.02	cps
Terbium	159-2	7448990	7372949	7376982	7399640	0.58	cps
Thallium	203-1	1507	1843	2207	1852	18.90	cps
Thallium	205-1	3547	4691	5308	4515	19.78	cps
Tin	118-1	7939	7959	7395	7765	4.12	cps
Titanium	47-1	6454241	6546237	6797865	6599448	2.70	cps
Uranium	238-1	1067	1027	997	1030	3.41	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:25:36	DataFile Name :	020ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	517	560	520	532	4.53	cps
Ytterbium	172-1	147	190	180	172	13.17	cps
Ytterbium	172-2	80	80	60	73	15.75	cps
Ytterbium	176-1	3200	3204	3274	3226	1.28	cps
Ytterbium	176-2	867	843	840	850	1.71	cps
Yttrium	89-1	29598098	30605740	30093255	30099031	1.67	cps
Yttrium	89-2	2316308	2341178	2368545	2342010	1.12	cps
Zinc	66-2	10207	10421	10677	10435	2.26	cps
Zirconium	90-1	3037	3350	3290	3226	5.16	cps
Zirconium	91-1	600	703	827	710	15.98	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:41:34	DataFile Name :	023ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6474651	6517787	6528642	6507027	0.44	cps
Antimony	121-1	571605	580401	581410	577806	0.93	cps
Arsenic	75-2	12532	12899	12456	12629	1.88	cps
Barium	135-1	126668	131053	131140	129621	1.97	cps
Barium	137-1	221782	226529	224971	224427	1.08	cps
Beryllium	9-1	94665	96022	95324	95337	0.71	cps
Bismuth	209-1	11275344	11258829	11336754	11290309	0.36	cps
Bismuth	209-2	5206270	5217210	5168030	5197170	0.50	cps
Bromine	81-1	19096	19307	20081	19495	2.66	cps
Cadmium	108-1	13620	13874	13837	13777	0.99	cps
Cadmium	106-1	22752	22796	22004	22517	1.98	cps
Cadmium	111-1	127796	128609	130633	129013	1.13	cps
Calcium	43-1	7308963	7342934	7376807	7342902	0.46	cps
Calcium	44-1	122684265	121236428	120694268	121538320	0.85	cps
Carbon	12-1	37653289	38436284	39812766	38634113	2.83	cps
Carbon	12-2	287277	287418	287867	287521	0.11	cps
Chlorine	35-1	103446822	110519908	113574928	109180553	4.76	cps
Chlorine	35-2	470987	478520	481690	477066	1.15	cps
Chromium	52-2	189528	190271	189843	189881	0.20	cps
Cobalt	59-2	191357	195651	194199	193736	1.13	cps
Copper	63-2	199656	203334	203469	202153	1.07	cps
Dysprosium	156-1	147	117	120	128	12.87	cps
Dysprosium	156-2	40	47	50	46	11.18	cps
Erbium	164-1	233	207	253	231	10.13	cps
Erbium	164-2	73	77	103	84	19.48	cps
Gadolinium	160-1	247	240	297	261	11.86	cps
Gadolinium	160-2	93	100	63	86	22.83	cps
Holmium	165-1	19663649	19674265	19757573	19698496	0.26	cps
Holmium	165-2	7317953	7439810	7499270	7419011	1.25	cps
Indium	115-1	16473603	16779474	17027355	16760144	1.66	cps
Indium	115-2	1832453	1824482	1845217	1834051	0.57	cps
Iron	54-2	19666687	19756558	19523203	19648816	0.60	cps
Iron	56-2	369118448	368313981	367947648	368460026	0.16	cps
Iron	57-2	9099789	9259781	9356674	9238748	1.40	cps
Krypton	83-1	300	307	383	330	14.03	cps
Lead	206-1	415720	413473	418227	415807	0.57	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:41:34	DataFile Name :	023ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	344291	349640	345794	346575	0.80	cps
Lead	208-1	1601181	1603920	1607131	1604077	0.19	cps
Lithium	6-1	3370308	3364695	3302272	3345759	1.13	cps
Magnesium	24-2	22981794	23172040	22881685	23011840	0.64	cps
Manganese	55-2	60055	59450	59885	59797	0.52	cps
Molybdenum	94-1	14220916	14509437	14520712	14417022	1.18	cps
Molybdenum	95-1	25497161	25499745	26007185	25668030	1.14	cps
Molybdenum	96-1	27087184	27542685	27916040	27515303	1.51	cps
Molybdenum	97-1	15728527	16055029	16259301	16014286	1.67	cps
Molybdenum	98-1	41285097	42087099	41769329	41713842	0.97	cps
Neodymium	150-1	130	127	117	124	5.57	cps
Neodymium	150-2	40	53	33	42	24.12	cps
Nickel	60-2	63645	63980	63862	63829	0.27	cps
Phosphorus	31-2	414751	421024	416637	417471	0.77	cps
Potassium	39-2	17224598	17386726	17016794	17209373	1.08	cps
Rhodium	103-1	15076437	15153756	15367866	15199353	0.99	cps
Rhodium	103-2	6074488	6078374	6135591	6096151	0.56	cps
Scandium	45-1	10499395	10341519	10419131	10420015	0.76	cps
Scandium	45-2	188266	188651	188522	188480	0.10	cps
Selenium	82-1	8373	8710	8850	8644	2.84	cps
Selenium	77-2	153	137	213	168	24.03	cps
Selenium	78-2	500	477	503	493	2.95	cps
Silicon	28-1	733502	744570	750567	742880	1.17	cps
Silver	107-1	613997	620941	627783	620907	1.11	cps
Silver	109-1	586906	594673	592629	591402	0.68	cps
Sodium	23-2	47970006	48420679	48145031	48178572	0.47	cps
Strontium	86-1	266852	270161	271288	269434	0.86	cps
Strontium	88-1	2493951	2489729	2522754	2502144	0.72	cps
Sulfur	34-1	8504519	8674778	8527190	8568829	1.08	cps
Terbium	159-1	20088978	20800550	20476977	20455502	1.74	cps
Terbium	159-2	7280848	7243803	7291359	7272004	0.34	cps
Thallium	203-1	422822	429113	425834	425923	0.74	cps
Thallium	205-1	1003948	1002595	1011006	1005850	0.45	cps
Tin	118-1	9720	8353	8566	8880	8.28	cps
Titanium	47-1	6836814	6843096	6748670	6809527	0.78	cps
Uranium	238-1	963	1153	977	1031	10.29	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:41:34	DataFile Name :	023ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	73095	73608	73357	73353	0.35	cps
Ytterbium	172-1	137	153	153	148	6.51	cps
Ytterbium	172-2	67	60	47	58	17.62	cps
Ytterbium	176-1	3100	3004	3194	3099	3.07	cps
Ytterbium	176-2	953	1043	1037	1011	4.96	cps
Yttrium	89-1	30850787	31048133	31293555	31064158	0.71	cps
Yttrium	89-2	2395778	2368112	2392782	2385557	0.64	cps
Zinc	66-2	29918	29695	29845	29819	0.38	cps
Zirconium	90-1	2977	2950	3127	3018	3.16	cps
Zirconium	91-1	573	690	623	629	9.31	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:53:18	DataFile Name :	025CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3476706	3543703	3498092	3506167	0.98	cps
Antimony	121-1	13775825	13810584	13693958	13760122	0.44	cps
Arsenic	75-2	293411	291526	292639	292525	0.32	cps
Barium	135-1	14760549	15107739	15104853	14991047	1.33	cps
Barium	137-1	25447855	25505690	25741935	25565160	0.61	cps
Beryllium	9-1	2379268	2355805	2373539	2369537	0.52	cps
Bismuth	209-1	10549516	10728936	10888928	10722460	1.58	cps
Bismuth	209-2	4979806	5000799	4937643	4972749	0.65	cps
Bromine	81-1	17628	17224	17598	17483	1.29	cps
Cadmium	108-1	237553	239293	237214	238020	0.47	cps
Cadmium	106-1	348182	349331	353228	350247	0.76	cps
Cadmium	111-1	3040281	3120775	3112903	3091320	1.44	cps
Calcium	43-1	16996554	17056813	17122143	17058503	0.37	cps
Calcium	44-1	285554056	285498182	289903022	286985087	0.88	cps
Carbon	12-1	3290240	3424909	3456039	3390396	2.60	cps
Carbon	12-2	29376	29363	29406	29382	0.08	cps
Chlorine	35-1	1226733	1206698	1223824	1219085	0.89	cps
Chlorine	35-2	4707	5011	4687	4802	3.77	cps
Chromium	52-2	2390508	2423920	2437783	2417404	1.01	cps
Cobalt	59-2	4442036	4528030	4503418	4491161	0.99	cps
Copper	63-2	34079596	34403358	33875185	34119380	0.78	cps
Dysprosium	156-1	770	723	667	720	7.19	cps
Dysprosium	156-2	167	167	187	173	6.66	cps
Erbium	164-1	640	650	660	650	1.54	cps
Erbium	164-2	227	200	217	214	6.28	cps
Gadolinium	160-1	573	577	563	571	1.22	cps
Gadolinium	160-2	190	237	227	218	11.28	cps
Holmium	165-1	19163890	19164606	19281726	19203407	0.35	cps
Holmium	165-2	7452759	7325840	7335168	7371256	0.96	cps
Indium	115-1	15550500	15691220	15746749	15662823	0.65	cps
Indium	115-2	1814061	1780917	1808708	1801229	0.99	cps
Iron	54-2	24485037	24170797	24121622	24259152	0.81	cps
Iron	56-2	441498087	448542273	445701687	445247349	0.80	cps
Iron	57-2	11539395	11349665	11487594	11458885	0.86	cps
Krypton	83-1	377	437	360	391	10.31	cps
Lead	206-1	41534033	41941258	42495675	41990322	1.15	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:53:18	DataFile Name :	025CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	35895243	35662054	36698071	36085123	1.51	cps
Lead	208-1	165110074	165550281	168149765	166270040	0.99	cps
Lithium	6-1	3353563	3288750	3421234	3354516	1.97	cps
Magnesium	24-2	58091776	58806167	58721566	58539836	0.67	cps
Manganese	55-2	10108631	10133119	10015892	10085880	0.61	cps
Molybdenum	94-1	42938813	44246148	43741004	43641988	1.51	cps
Molybdenum	95-1	63257034	64178357	64901814	64112402	1.29	cps
Molybdenum	96-1	69153496	70185849	70794597	70044647	1.18	cps
Molybdenum	97-1	39565899	40076379	40234359	39958879	0.87	cps
Molybdenum	98-1	102314212	104079308	104280792	103558104	1.04	cps
Neodymium	150-1	940	930	897	922	2.46	cps
Neodymium	150-2	123	107	67	99	29.45	cps
Nickel	60-2	1151581	1154894	1148960	1151811	0.26	cps
Phosphorus	31-2	40657	40787	39885	40443	1.21	cps
Potassium	39-2	22231590	22158133	21932621	22107448	0.70	cps
Rhodium	103-1	14419978	14275245	14537669	14410964	0.91	cps
Rhodium	103-2	5809601	5844397	5939069	5864356	1.14	cps
Scandium	45-1	9870823	9814052	10083799	9922891	1.43	cps
Scandium	45-2	182746	182743	184332	183274	0.50	cps
Selenium	82-1	185869	189964	189317	188384	1.17	cps
Selenium	77-2	3374	3337	3374	3362	0.63	cps
Selenium	78-2	11588	11618	11672	11626	0.36	cps
Silicon	28-1	20610414	20860519	20829623	20766852	0.66	cps
Silver	107-1	15722519	15822097	15841381	15795332	0.40	cps
Silver	109-1	14723220	14798386	14567953	14696520	0.80	cps
Sodium	23-2	116914828	116523718	116834938	116757828	0.18	cps
Strontium	86-1	3967781	3963463	4061913	3997719	1.39	cps
Strontium	88-1	34609989	35061379	35191055	34954141	0.87	cps
Sulfur	34-1	1347810	1334803	1322702	1335105	0.94	cps
Terbium	159-1	19328629	20213240	20000419	19847429	2.33	cps
Terbium	159-2	7121100	7044913	7272290	7146101	1.62	cps
Thallium	203-1	10337667	10334930	10488326	10386974	0.85	cps
Thallium	205-1	23939227	24359470	24652425	24317041	1.47	cps
Tin	118-1	10198400	10088191	9970811	10085801	1.13	cps
Titanium	47-1	16085506	16311337	16339508	16245450	0.86	cps
Uranium	238-1	31272167	31012053	32217352	31500524	2.01	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:53:18	DataFile Name :	025CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1832991	1867572	1828243	1842935	1.16	cps
Ytterbium	172-1	927	833	880	880	5.30	cps
Ytterbium	172-2	463	400	427	430	7.40	cps
Ytterbium	176-1	51945	52802	52761	52503	0.92	cps
Ytterbium	176-2	20229	20172	20005	20135	0.58	cps
Yttrium	89-1	29139145	29559530	29760549	29486408	1.08	cps
Yttrium	89-2	2358041	2378682	2340129	2358951	0.82	cps
Zinc	66-2	4491908	4480869	4508984	4493920	0.32	cps
Zirconium	90-1	21747978	21754685	22189389	21897351	1.16	cps
Zirconium	91-1	4887455	4864544	4960470	4904156	1.02	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:56:02	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	157	167	150	158	5.32	cps
Antimony	121-1	4187	3457	2857	3500	19.03	cps
Arsenic	75-2	10	17	10	12	31.50	cps
Barium	135-1	383	253	243	293	26.63	cps
Barium	137-1	653	487	507	549	16.58	cps
Beryllium	9-1	447	401	356	401	11.30	cps
Bismuth	209-1	12264790	12537574	12498309	12433558	1.19	cps
Bismuth	209-2	5663929	5783085	5758406	5735140	1.10	cps
Bromine	81-1	15856	16076	15742	15891	1.07	cps
Cadmium	108-1	40	40	17	32	41.80	cps
Cadmium	106-1	10958	11155	11058	11057	0.89	cps
Cadmium	111-1	1218	1184	1157	1186	2.55	cps
Calcium	43-1	1653	1547	1523	1575	4.40	cps
Calcium	44-1	48375	46606	45566	46849	3.03	cps
Carbon	12-1	2876872	2758341	2759167	2798127	2.44	cps
Carbon	12-2	19129	19026	18675	18943	1.26	cps
Chlorine	35-1	770990	759146	737682	755939	2.23	cps
Chlorine	35-2	2907	2797	2854	2853	1.93	cps
Chromium	52-2	1143	1043	1067	1084	4.82	cps
Cobalt	59-2	163	187	177	176	6.67	cps
Copper	63-2	1793	1810	1693	1766	3.57	cps
Dysprosium	156-1	10	10	20	13	43.30	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	110	163	127	133	20.47	cps
Erbium	164-2	43	43	63	50	23.10	cps
Gadolinium	160-1	160	197	183	180	10.31	cps
Gadolinium	160-2	37	33	33	34	5.60	cps
Holmium	165-1	20458221	20529481	19845418	20277707	1.85	cps
Holmium	165-2	7737258	7802555	7557031	7698948	1.65	cps
Indium	115-1	17523851	17764198	17652526	17646858	0.68	cps
Indium	115-2	1989659	1991631	1989495	1990262	0.06	cps
Iron	54-2	830	677	767	758	10.17	cps
Iron	56-2	10858	10491	10017	10455	4.03	cps
Iron	57-2	323	227	237	262	20.27	cps
Krypton	83-1	323	333	320	326	2.13	cps
Lead	206-1	4798	4207	3871	4292	10.93	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:56:02	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4324	3694	3394	3804	12.48	cps
Lead	208-1	19012	16834	15727	17191	9.72	cps
Lithium	6-1	3715312	3696490	3710815	3707539	0.27	cps
Magnesium	24-2	1277	1170	1100	1182	7.53	cps
Manganese	55-2	4844	4677	4854	4792	2.07	cps
Molybdenum	94-1	3034	2647	2300	2660	13.79	cps
Molybdenum	95-1	2347	1897	1523	1922	21.45	cps
Molybdenum	96-1	2924	2317	2030	2424	18.82	cps
Molybdenum	97-1	1457	1070	877	1135	26.03	cps
Molybdenum	98-1	3944	2790	2364	3033	26.96	cps
Neodymium	150-1	10	3	20	11	75.52	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	343	287	267	299	13.31	cps
Phosphorus	31-2	137	123	120	127	6.96	cps
Potassium	39-2	16416	16623	15825	16288	2.54	cps
Rhodium	103-1	16413060	16538224	16831009	16594098	1.29	cps
Rhodium	103-2	6600570	6693318	6603703	6632530	0.79	cps
Scandium	45-1	10471775	10318137	10474315	10421409	0.86	cps
Scandium	45-2	188421	189718	187530	188556	0.58	cps
Selenium	82-1	30	13	77	40	82.08	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	23	27	10	20	44.10	cps
Silicon	28-1	443900	436938	439887	440242	0.79	cps
Silver	107-1	2074	1660	1560	1765	15.42	cps
Silver	109-1	1790	1613	1433	1612	11.06	cps
Sodium	23-2	46006	45818	45574	45799	0.47	cps
Strontium	86-1	713	623	670	669	6.73	cps
Strontium	88-1	1713	1433	1293	1480	14.45	cps
Sulfur	34-1	544560	542851	541647	543019	0.27	cps
Terbium	159-1	21317036	21418161	21352793	21362663	0.24	cps
Terbium	159-2	7571748	7473261	7483079	7509363	0.72	cps
Thallium	203-1	2807	2344	2260	2470	11.93	cps
Thallium	205-1	6011	5875	5428	5771	5.29	cps
Tin	118-1	4384	4632	4104	4373	6.04	cps
Titanium	47-1	773	627	573	658	15.75	cps
Uranium	238-1	923	630	533	696	29.20	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:56:02	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	33	37	20	30	29.40	cps
Ytterbium	172-1	127	113	140	127	10.52	cps
Ytterbium	172-2	40	33	70	48	40.88	cps
Ytterbium	176-1	3324	3074	3234	3210	3.94	cps
Ytterbium	176-2	880	923	893	899	2.47	cps
Yttrium	89-1	31274493	32142782	31671200	31696158	1.37	cps
Yttrium	89-2	2403901	2458868	2441223	2434664	1.15	cps
Zinc	66-2	1193	1203	1290	1229	4.33	cps
Zirconium	90-1	5368	4597	4627	4864	8.97	cps
Zirconium	91-1	1033	1007	920	987	6.01	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:59:26	DataFile Name :	027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1603	1613	1623	1613	0.62	cps
Antimony	121-1	60537	62529	62210	61759	1.73	cps
Arsenic	75-2	770	783	740	764	2.90	cps
Barium	135-1	66003	66244	65330	65859	0.72	cps
Barium	137-1	113339	114838	116516	114898	1.38	cps
Beryllium	9-1	5938	6079	6023	6013	1.18	cps
Bismuth	209-1	12476732	12475931	12297254	12416639	0.83	cps
Bismuth	209-2	5717130	5819787	5710961	5749293	1.06	cps
Bromine	81-1	16069	15926	15942	15979	0.49	cps
Cadmium	108-1	570	643	580	598	6.65	cps
Cadmium	106-1	11735	11855	11528	11706	1.41	cps
Cadmium	111-1	8413	8131	8389	8311	1.89	cps
Calcium	43-1	41065	41263	41383	41237	0.39	cps
Calcium	44-1	693964	700623	705129	699905	0.80	cps
Carbon	12-1	2780608	2726113	2788240	2764987	1.23	cps
Carbon	12-2	19299	19299	18952	19184	1.04	cps
Chlorine	35-1	592403	575158	568625	578729	2.12	cps
Chlorine	35-2	2337	2127	2390	2285	6.09	cps
Chromium	52-2	11768	11428	11485	11560	1.58	cps
Cobalt	59-2	10934	10858	10874	10889	0.37	cps
Copper	63-2	18632	18402	18572	18536	0.64	cps
Dysprosium	156-1	7	23	17	16	53.90	cps
Dysprosium	156-2	7	13	3	8	65.47	cps
Erbium	164-1	143	133	133	137	4.22	cps
Erbium	164-2	43	50	50	48	8.06	cps
Gadolinium	160-1	167	213	227	202	15.58	cps
Gadolinium	160-2	60	37	47	48	24.50	cps
Holmium	165-1	20066527	20326242	20385087	20259286	0.84	cps
Holmium	165-2	7717586	7723866	7773130	7738194	0.39	cps
Indium	115-1	17657257	17842242	17603241	17700913	0.71	cps
Indium	115-2	1989764	1968974	2002287	1987008	0.85	cps
Iron	54-2	12012	12202	11962	12059	1.05	cps
Iron	56-2	209076	205921	207527	207508	0.76	cps
Iron	57-2	5248	5341	5314	5301	0.91	cps
Krypton	83-1	293	377	330	333	12.53	cps
Lead	206-1	20900	21869	21698	21489	2.41	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:59:26	DataFile Name :	027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	19111	19001	19224	19112	0.59	cps
Lead	208-1	86330	86439	87218	86663	0.56	cps
Lithium	6-1	3646858	3615808	3607231	3623299	0.58	cps
Magnesium	24-2	136637	138453	138225	137772	0.72	cps
Manganese	55-2	6755	6538	7122	6805	4.34	cps
Molybdenum	94-1	58680	58365	59520	58855	1.01	cps
Molybdenum	95-1	68879	69717	71643	70080	2.02	cps
Molybdenum	96-1	76747	78078	77578	77467	0.87	cps
Molybdenum	97-1	43327	43829	43759	43638	0.62	cps
Molybdenum	98-1	110354	112393	111893	111547	0.95	cps
Neodymium	150-1	13	30	7	17	72.11	cps
Neodymium	150-2	10	7	0	6	91.64	cps
Nickel	60-2	3097	3087	3197	3127	1.95	cps
Phosphorus	31-2	253	287	207	249	16.15	cps
Potassium	39-2	107695	106526	108732	107651	1.03	cps
Rhodium	103-1	16526737	16539667	16573191	16546532	0.14	cps
Rhodium	103-2	6690640	6674345	6717436	6694140	0.33	cps
Scandium	45-1	10319891	10397518	10493010	10403473	0.83	cps
Scandium	45-2	189351	187041	188090	188161	0.61	cps
Selenium	82-1	2247	2454	2227	2309	5.44	cps
Selenium	77-2	40	40	57	46	21.13	cps
Selenium	78-2	163	133	150	149	10.09	cps
Silicon	28-1	515819	540319	508837	521658	3.17	cps
Silver	107-1	36044	35853	37551	36483	2.55	cps
Silver	109-1	33972	34423	34974	34456	1.46	cps
Sodium	23-2	303591	301823	301650	302355	0.36	cps
Strontium	86-1	9347	9320	9146	9271	1.17	cps
Strontium	88-1	78053	78439	79042	78511	0.63	cps
Sulfur	34-1	547003	546928	544573	546168	0.25	cps
Terbium	159-1	20633931	20790161	21094749	20839614	1.12	cps
Terbium	159-2	7553500	7656714	7502550	7570921	1.04	cps
Thallium	203-1	24841	24941	25088	24956	0.50	cps
Thallium	205-1	59094	60443	60845	60127	1.53	cps
Tin	118-1	115112	119186	116446	116915	1.78	cps
Titanium	47-1	18893	18839	18599	18777	0.83	cps
Uranium	238-1	69612	70926	69498	70012	1.13	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 13:59:26	DataFile Name :	027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	20201	20328	19533	20021	2.13	cps
Ytterbium	172-1	90	117	127	111	17.06	cps
Ytterbium	172-2	57	43	67	56	21.08	cps
Ytterbium	176-1	3314	3120	3234	3223	3.02	cps
Ytterbium	176-2	893	873	853	873	2.29	cps
Yttrium	89-1	31295348	31556135	31553255	31468246	0.48	cps
Yttrium	89-2	2454606	2428105	2423760	2435491	0.69	cps
Zinc	66-2	5905	5888	5731	5841	1.64	cps
Zirconium	90-1	51381	51622	52134	51712	0.74	cps
Zirconium	91-1	11658	11318	11308	11428	1.75	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	PB167865BL	Instrumnet Name :	P8
Client Sample ID :	PB167865BL	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 14:02:57	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	160	170	163	164	3.10	cps
Antimony	121-1	567	583	630	593	5.53	cps
Arsenic	75-2	0	10	10	7	86.60	cps
Barium	135-1	90	130	107	109	18.45	cps
Barium	137-1	183	143	137	154	16.34	cps
Beryllium	9-1	163	179	172	171	4.74	cps
Bismuth	209-1	12194332	11976331	12236803	12135822	1.15	cps
Bismuth	209-2	5775279	5588139	5707630	5690349	1.67	cps
Bromine	81-1	15819	16293	15802	15971	1.74	cps
Cadmium	108-1	23	37	23	28	27.73	cps
Cadmium	106-1	10577	10704	10884	10722	1.44	cps
Cadmium	111-1	1065	1071	1105	1081	2.02	cps
Calcium	43-1	1123	1253	1070	1149	8.21	cps
Calcium	44-1	41400	40434	41310	41048	1.30	cps
Carbon	12-1	2689474	2691299	2616485	2665753	1.60	cps
Carbon	12-2	18395	17974	18428	18266	1.38	cps
Chlorine	35-1	510320	508321	502220	506954	0.83	cps
Chlorine	35-2	1847	1867	1883	1866	0.98	cps
Chromium	52-2	1103	1110	937	1050	9.35	cps
Cobalt	59-2	97	110	113	107	8.27	cps
Copper	63-2	1140	1067	1063	1090	3.98	cps
Dysprosium	156-1	7	17	7	10	57.72	cps
Dysprosium	156-2	3	10	10	8	49.52	cps
Erbium	164-1	133	157	187	159	16.83	cps
Erbium	164-2	40	60	70	57	26.96	cps
Gadolinium	160-1	203	190	203	199	3.87	cps
Gadolinium	160-2	63	57	20	47	50.00	cps
Holmium	165-1	19999859	20199278	20067777	20088971	0.50	cps
Holmium	165-2	7644863	7757798	7730627	7711096	0.76	cps
Indium	115-1	17643363	17913837	17850676	17802625	0.79	cps
Indium	115-2	1994560	1971034	1983031	1982875	0.59	cps
Iron	54-2	473	510	633	539	15.56	cps
Iron	56-2	6105	6175	6161	6147	0.60	cps
Iron	57-2	193	190	150	178	13.57	cps
Krypton	83-1	253	303	307	288	10.38	cps
Lead	206-1	2397	2317	2217	2310	3.90	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	PB167865BL	Instrumnet Name :	P8
Client Sample ID :	PB167865BL	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 14:02:57	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1954	1944	1887	1928	1.87	cps
Lead	208-1	9285	8901	8561	8916	4.06	cps
Lithium	6-1	3673953	3665012	3576807	3638591	1.48	cps
Magnesium	24-2	793	737	723	751	4.95	cps
Manganese	55-2	4597	4271	4407	4425	3.71	cps
Molybdenum	94-1	1223	1103	1093	1140	6.35	cps
Molybdenum	95-1	453	357	390	400	12.28	cps
Molybdenum	96-1	547	517	577	547	5.49	cps
Molybdenum	97-1	287	233	277	266	10.67	cps
Molybdenum	98-1	603	623	707	644	8.50	cps
Neodymium	150-1	10	20	37	22	60.63	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	277	277	227	260	11.10	cps
Phosphorus	31-2	103	110	110	108	3.57	cps
Potassium	39-2	15578	15255	15682	15505	1.44	cps
Rhodium	103-1	16497175	16499608	16522722	16506502	0.09	cps
Rhodium	103-2	6679053	6665103	6672472	6672209	0.10	cps
Scandium	45-1	10399819	10427229	10301969	10376339	0.63	cps
Scandium	45-2	186929	188306	187524	187586	0.37	cps
Selenium	82-1	3	63	23	30	101.84	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	43	23	23	30	38.49	cps
Silicon	28-1	418845	426555	409793	418398	2.01	cps
Silver	107-1	600	620	663	628	5.16	cps
Silver	109-1	620	567	3082	1423	100.99	cps
Sodium	23-2	40142	39955	40182	40093	0.30	cps
Strontium	86-1	703	597	610	637	9.13	cps
Strontium	88-1	543	537	510	530	3.33	cps
Sulfur	34-1	552223	551050	552985	552086	0.18	cps
Terbium	159-1	20943652	20915166	21238740	21032519	0.85	cps
Terbium	159-2	7516291	7257727	7545142	7439720	2.13	cps
Thallium	203-1	1153	1150	1057	1120	4.90	cps
Thallium	205-1	2667	2677	2470	2605	4.47	cps
Tin	118-1	3817	5244	3641	4234	20.76	cps
Titanium	47-1	377	440	347	388	12.29	cps
Uranium	238-1	90	87	113	97	15.03	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	PB167865BL	Instrumnet Name :	P8
Client Sample ID :	PB167865BL	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 14:02:57	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13	7	20	13	49.99	cps
Ytterbium	172-1	130	120	143	131	8.93	cps
Ytterbium	172-2	27	47	60	44	37.74	cps
Ytterbium	176-1	3197	3000	2880	3026	5.28	cps
Ytterbium	176-2	787	807	757	783	3.21	cps
Yttrium	89-1	31552730	31683317	31379312	31538453	0.48	cps
Yttrium	89-2	2436928	2427123	2381246	2415099	1.23	cps
Zinc	66-2	583	673	543	600	11.10	cps
Zirconium	90-1	2584	2544	2524	2550	1.20	cps
Zirconium	91-1	523	490	450	488	7.53	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	PB167865BS	Instrumnet Name :	P8
Client Sample ID :	PB167865BS	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 14:08:10	DataFile Name :	029LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	692293	686696	687822	688937	0.43	cps
Antimony	121-1	14459804	14646534	14659986	14588774	0.77	cps
Arsenic	75-2	299452	300000	299025	299493	0.16	cps
Barium	135-1	15374222	15973464	15787849	15711845	1.95	cps
Barium	137-1	26611575	27623462	27883580	27372872	2.46	cps
Beryllium	9-1	2497261	2554817	2505608	2519229	1.23	cps
Bismuth	209-1	11791811	11574944	11689319	11685358	0.93	cps
Bismuth	209-2	5328323	5340426	5380046	5349598	0.51	cps
Bromine	81-1	16193	15218	16086	15832	3.38	cps
Cadmium	108-1	252826	254057	255619	254167	0.55	cps
Cadmium	106-1	371678	377031	370349	373019	0.95	cps
Cadmium	111-1	3292646	3356315	3378137	3342366	1.33	cps
Calcium	43-1	3638739	3714797	3655725	3669754	1.09	cps
Calcium	44-1	59584614	59985779	61568149	60379514	1.74	cps
Carbon	12-1	3209413	3340019	3400329	3316587	2.94	cps
Carbon	12-2	24644	25809	25829	25428	2.67	cps
Chlorine	35-1	460974	469784	472661	467806	1.30	cps
Chlorine	35-2	1867	1927	2000	1931	3.46	cps
Chromium	52-2	2459477	2433524	2458995	2450666	0.61	cps
Cobalt	59-2	4701556	4617031	4685632	4668073	0.96	cps
Copper	63-2	37531169	36799204	37384429	37238267	1.04	cps
Dysprosium	156-1	390	363	283	346	16.06	cps
Dysprosium	156-2	50	77	30	52	44.83	cps
Erbium	164-1	290	247	327	288	13.92	cps
Erbium	164-2	130	117	100	116	13.01	cps
Gadolinium	160-1	323	363	290	326	11.28	cps
Gadolinium	160-2	117	83	83	94	20.38	cps
Holmium	165-1	19341104	19624253	19877026	19614128	1.37	cps
Holmium	165-2	7545578	7547222	7482017	7524939	0.49	cps
Indium	115-1	16034155	16475823	16610106	16373361	1.84	cps
Indium	115-2	1806273	1847686	1854163	1836041	1.42	cps
Iron	54-2	5070722	5010073	5103447	5061414	0.94	cps
Iron	56-2	92861919	90868889	92123255	91951354	1.10	cps
Iron	57-2	2413069	2354831	2392342	2386747	1.24	cps
Krypton	83-1	247	323	327	299	15.14	cps
Lead	206-1	45554114	45950034	46163733	45889294	0.67	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	PB167865BS	Instrumnet Name :	P8
Client Sample ID :	PB167865BS	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 14:08:10	DataFile Name :	029LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	38812486	39501228	38802854	39038856	1.03	cps
Lead	208-1	180813772	182202207	180253931	181089970	0.55	cps
Lithium	6-1	3644124	3606856	3488624	3579868	2.27	cps
Magnesium	24-2	12132348	12450971	12327364	12303561	1.31	cps
Manganese	55-2	10444386	10218874	10441052	10368104	1.25	cps
Molybdenum	94-1	45518569	45732881	45854193	45701881	0.37	cps
Molybdenum	95-1	66147342	66772531	66410912	66443595	0.47	cps
Molybdenum	96-1	70496281	71942311	71483166	71307252	1.04	cps
Molybdenum	97-1	40522659	40589954	40347658	40486757	0.31	cps
Molybdenum	98-1	104960542	105004672	105600978	105188731	0.34	cps
Neodymium	150-1	877	960	807	881	8.71	cps
Neodymium	150-2	47	37	30	38	22.21	cps
Nickel	60-2	1210388	1213757	1206853	1210333	0.29	cps
Phosphorus	31-2	40747	39932	40640	40440	1.10	cps
Potassium	39-2	4383925	4407210	4352932	4381355	0.62	cps
Rhodium	103-1	15093069	15242928	15062551	15132849	0.64	cps
Rhodium	103-2	6135818	6165223	6132913	6144651	0.29	cps
Scandium	45-1	9823750	9815217	10073414	9904127	1.48	cps
Scandium	45-2	180283	182148	183236	181889	0.82	cps
Selenium	82-1	194837	197678	198945	197153	1.07	cps
Selenium	77-2	3567	3701	3677	3648	1.95	cps
Selenium	78-2	11678	12302	12049	12010	2.61	cps
Silicon	28-1	20836892	21179502	21323394	21113263	1.18	cps
Silver	107-1	17250483	17478081	17385832	17371465	0.66	cps
Silver	109-1	16149740	16285031	16430994	16288588	0.86	cps
Sodium	23-2	24001133	24322973	24047134	24123747	0.72	cps
Strontium	86-1	4175028	4270074	4254912	4233338	1.21	cps
Strontium	88-1	35822117	36582688	37234340	36546382	1.93	cps
Sulfur	34-1	1348088	1378439	1349345	1358624	1.26	cps
Terbium	159-1	20385045	20319097	20401527	20368556	0.21	cps
Terbium	159-2	7289407	7252253	7244168	7261943	0.33	cps
Thallium	203-1	11141239	11117959	11099840	11119679	0.19	cps
Thallium	205-1	26513481	26158525	27076185	26582730	1.74	cps
Tin	118-1	10422955	10941117	10933309	10765794	2.76	cps
Titanium	47-1	16517009	16692081	16596609	16601899	0.53	cps
Uranium	238-1	33063615	33888180	32832314	33261370	1.67	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	PB167865BS	Instrumnet Name :	P8
Client Sample ID :	PB167865BS	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 14:08:10	DataFile Name :	029LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1903812	1882534	1864477	1883608	1.05	cps
Ytterbium	172-1	257	313	280	283	10.05	cps
Ytterbium	172-2	107	130	100	112	14.04	cps
Ytterbium	176-1	53729	55627	55941	55099	2.17	cps
Ytterbium	176-2	20409	20656	20182	20416	1.16	cps
Yttrium	89-1	30206903	30749421	30770145	30575490	1.04	cps
Yttrium	89-2	2296150	2325464	2303840	2308484	0.66	cps
Zinc	66-2	4756105	4791741	4831430	4793092	0.79	cps
Zirconium	90-1	22185208	22831557	22956266	22657677	1.83	cps
Zirconium	91-1	4987064	5129329	5055749	5057381	1.41	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	Q1769-08	Instrumnet Name :	P8
Client Sample ID :	EB01-040925	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 14:12:05	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1423	1337	1423	1395	3.59	cps
Antimony	121-1	1897	1683	1563	1715	9.85	cps
Arsenic	75-2	20	37	20	26	37.66	cps
Barium	135-1	3117	3067	2854	3013	4.64	cps
Barium	137-1	5188	5214	5238	5213	0.48	cps
Beryllium	9-1	311	222	305	279	17.87	cps
Bismuth	209-1	13282830	13339295	13009381	13210502	1.34	cps
Bismuth	209-2	5977557	5998077	5983392	5986342	0.18	cps
Bromine	81-1	15572	15352	15429	15451	0.72	cps
Cadmium	108-1	50	30	43	41	24.77	cps
Cadmium	106-1	10984	10998	10964	10982	0.15	cps
Cadmium	111-1	1170	1122	1163	1152	2.25	cps
Calcium	43-1	1560	1453	1480	1498	3.71	cps
Calcium	44-1	46262	46027	45884	46057	0.41	cps
Carbon	12-1	3025740	3236809	3457732	3240094	6.67	cps
Carbon	12-2	26511	25869	26748	26376	1.72	cps
Chlorine	35-1	319076	317750	315776	317534	0.52	cps
Chlorine	35-2	1227	1117	1283	1209	7.01	cps
Chromium	52-2	1373	1357	1273	1335	4.01	cps
Cobalt	59-2	183	157	147	162	11.68	cps
Copper	63-2	2304	2224	2320	2282	2.26	cps
Dysprosium	156-1	353	407	323	361	11.69	cps
Dysprosium	156-2	90	123	117	110	16.04	cps
Erbium	164-1	413	327	420	387	13.47	cps
Erbium	164-2	133	170	193	166	18.27	cps
Gadolinium	160-1	520	590	567	559	6.38	cps
Gadolinium	160-2	160	190	227	192	17.37	cps
Holmium	165-1	21325321	20999176	21389345	21237947	0.99	cps
Holmium	165-2	7922214	7854848	7953986	7910349	0.64	cps
Indium	115-1	18499376	18677754	18272010	18483047	1.10	cps
Indium	115-2	2047004	1999386	2063798	2036729	1.64	cps
Iron	54-2	3904	3951	4017	3957	1.44	cps
Iron	56-2	66551	66779	67120	66817	0.43	cps
Iron	57-2	1773	1670	1637	1693	4.21	cps
Krypton	83-1	267	317	293	292	8.56	cps
Lead	206-1	6282	6125	6142	6183	1.39	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	Q1769-08	Instrumnet Name :	P8
Client Sample ID :	EB01-040925	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 14:12:05	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5528	5168	5111	5269	4.29	cps
Lead	208-1	25070	24109	23812	24330	2.70	cps
Lithium	6-1	3891522	3866075	3813334	3856977	1.03	cps
Magnesium	24-2	1677	1477	1607	1587	6.40	cps
Manganese	55-2	2904	2797	2834	2845	1.91	cps
Molybdenum	94-1	1327	1033	920	1093	19.20	cps
Molybdenum	95-1	1150	970	907	1009	12.51	cps
Molybdenum	96-1	1357	1130	1063	1183	13.00	cps
Molybdenum	97-1	770	580	590	647	16.54	cps
Molybdenum	98-1	1994	1577	1407	1659	18.20	cps
Neodymium	150-1	423	490	503	472	9.08	cps
Neodymium	150-2	143	117	170	143	18.60	cps
Nickel	60-2	2064	2230	2197	2164	4.08	cps
Phosphorus	31-2	100	113	103	106	6.57	cps
Potassium	39-2	16740	16483	16813	16679	1.04	cps
Rhodium	103-1	17666577	17295447	16991400	17317808	1.95	cps
Rhodium	103-2	6928660	6887529	6931408	6915866	0.36	cps
Scandium	45-1	10781661	10923721	10799892	10835092	0.71	cps
Scandium	45-2	190970	191322	192673	191655	0.47	cps
Selenium	82-1	-13	7	13	2	624.07	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	13	23	17	18	28.64	cps
Silicon	28-1	701076	714312	720180	711856	1.37	cps
Silver	107-1	2484	2474	2307	2421	4.10	cps
Silver	109-1	2214	2120	2154	2162	2.19	cps
Sodium	23-2	44772	44029	44521	44441	0.85	cps
Strontium	86-1	1043	993	1103	1047	5.26	cps
Strontium	88-1	5138	4834	4951	4974	3.08	cps
Sulfur	34-1	498245	498931	501084	499420	0.30	cps
Terbium	159-1	22153722	22509300	21942007	22201676	1.29	cps
Terbium	159-2	7795275	7841590	7619760	7752208	1.51	cps
Thallium	203-1	1700	1423	1283	1469	14.44	cps
Thallium	205-1	3921	3400	3137	3486	11.44	cps
Tin	118-1	5158	5338	5244	5247	1.72	cps
Titanium	47-1	1567	1577	1547	1563	0.98	cps
Uranium	238-1	647	580	523	583	10.58	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	Q1769-08	Instrumnet Name :	P8
Client Sample ID :	EB01-040925	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 14:12:05	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	323	320	380	341	9.89	cps
Ytterbium	172-1	223	183	220	209	10.62	cps
Ytterbium	172-2	113	137	87	112	22.29	cps
Ytterbium	176-1	3327	2987	3320	3212	6.05	cps
Ytterbium	176-2	943	893	943	927	3.12	cps
Yttrium	89-1	32780580	32657444	33003175	32813733	0.53	cps
Yttrium	89-2	2484220	2518911	2484303	2495812	0.80	cps
Zinc	66-2	19163	19196	18853	19071	0.99	cps
Zirconium	90-1	1847	1660	1667	1725	6.14	cps
Zirconium	91-1	303	397	323	341	14.41	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 14:16:10	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3426629	3535108	3470370	3477369	1.57	cps
Antimony	121-1	13502323	13878840	13927441	13769535	1.69	cps
Arsenic	75-2	289429	289837	289940	289735	0.09	cps
Barium	135-1	14891649	14946792	15146551	14994997	0.89	cps
Barium	137-1	25517006	26245310	25578127	25780148	1.57	cps
Beryllium	9-1	2340575	2387082	2448041	2391899	2.25	cps
Bismuth	209-1	11058810	10901261	10769100	10909724	1.33	cps
Bismuth	209-2	5039591	5046726	5039078	5041798	0.08	cps
Bromine	81-1	17187	16733	17027	16983	1.36	cps
Cadmium	108-1	233896	233486	237564	234982	0.96	cps
Cadmium	106-1	348311	350840	350136	349762	0.37	cps
Cadmium	111-1	3051583	3127775	3137064	3105474	1.51	cps
Calcium	43-1	17025468	16981174	17493659	17166767	1.65	cps
Calcium	44-1	284085782	281533776	284869362	283496307	0.62	cps
Carbon	12-1	3448523	3567740	3539236	3518500	1.77	cps
Carbon	12-2	29055	28902	29463	29140	1.00	cps
Chlorine	35-1	590703	610429	626168	609100	2.92	cps
Chlorine	35-2	2897	2754	2824	2825	2.54	cps
Chromium	52-2	2372217	2395388	2397035	2388213	0.58	cps
Cobalt	59-2	4381182	4373600	4346626	4367136	0.42	cps
Copper	63-2	34387389	34444099	33878992	34236826	0.91	cps
Dysprosium	156-1	647	660	790	699	11.33	cps
Dysprosium	156-2	200	193	143	179	17.31	cps
Erbium	164-1	683	640	650	658	3.45	cps
Erbium	164-2	253	177	250	227	19.12	cps
Gadolinium	160-1	660	563	557	593	9.75	cps
Gadolinium	160-2	183	213	290	229	24.03	cps
Holmium	165-1	19498868	19670242	19268356	19479155	1.04	cps
Holmium	165-2	7547481	7476421	7347821	7457241	1.36	cps
Indium	115-1	15645344	15734472	15941450	15773755	0.96	cps
Indium	115-2	1756944	1761861	1779939	1766248	0.69	cps
Iron	54-2	24054411	23932955	24154410	24047259	0.46	cps
Iron	56-2	442272953	443485367	445353087	443703802	0.35	cps
Iron	57-2	11277490	11245144	11311606	11278080	0.29	cps
Krypton	83-1	363	380	377	373	2.36	cps
Lead	206-1	42015304	42841246	43657881	42838144	1.92	cps

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Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 14:16:10	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	36392893	36325450	37046877	36588407	1.09	cps
Lead	208-1	167980166	168413905	169528823	168640965	0.47	cps
Lithium	6-1	3446389	3387044	3394264	3409232	0.95	cps
Magnesium	24-2	57009939	58647229	58124392	57927187	1.44	cps
Manganese	55-2	9950406	9930579	10222824	10034603	1.63	cps
Molybdenum	94-1	42760444	43220863	43655548	43212285	1.04	cps
Molybdenum	95-1	63363341	62924916	63506249	63264835	0.48	cps
Molybdenum	96-1	69640069	70110906	68356681	69369218	1.31	cps
Molybdenum	97-1	39103342	39766404	38947237	39272328	1.11	cps
Molybdenum	98-1	101552702	103643895	102946115	102714237	1.04	cps
Neodymium	150-1	940	977	1053	990	5.84	cps
Neodymium	150-2	77	93	90	87	10.17	cps
Nickel	60-2	1130066	1138162	1129306	1132511	0.43	cps
Phosphorus	31-2	39968	39988	39337	39764	0.93	cps
Potassium	39-2	22127818	22059261	21840031	22009037	0.68	cps
Rhodium	103-1	14530612	14487252	14349158	14455674	0.66	cps
Rhodium	103-2	5748429	5752069	5759193	5753230	0.10	cps
Scandium	45-1	9649130	9767078	9789043	9735084	0.77	cps
Scandium	45-2	181288	180427	179189	180301	0.59	cps
Selenium	82-1	185137	187977	188011	187042	0.88	cps
Selenium	77-2	3420	3357	3550	3443	2.86	cps
Selenium	78-2	12029	11702	11682	11804	1.65	cps
Silicon	28-1	20964968	20916399	20700413	20860593	0.68	cps
Silver	107-1	15802010	15805775	15767264	15791683	0.13	cps
Silver	109-1	14458482	14643356	14764445	14622094	1.05	cps
Sodium	23-2	116903078	115705395	116149128	116252534	0.52	cps
Strontium	86-1	4027419	4052928	4065168	4048505	0.48	cps
Strontium	88-1	34421908	34862461	35130664	34805011	1.03	cps
Sulfur	34-1	1311365	1316942	1338930	1322412	1.10	cps
Terbium	159-1	19873419	19719311	20380221	19990984	1.73	cps
Terbium	159-2	7094056	7051299	7154513	7099956	0.73	cps
Thallium	203-1	10311983	10427226	10685936	10475048	1.83	cps
Thallium	205-1	24596885	25458789	25143947	25066540	1.74	cps
Tin	118-1	9904153	10249760	9958885	10037600	1.85	cps
Titanium	47-1	16238619	16328284	16232937	16266613	0.33	cps
Uranium	238-1	31581691	31697863	32581087	31953547	1.71	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 14:16:10	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1800861	1823584	1830306	1818250	0.85	cps
Ytterbium	172-1	823	1083	903	937	14.22	cps
Ytterbium	172-2	400	407	390	399	2.10	cps
Ytterbium	176-1	51510	52832	53377	52573	1.83	cps
Ytterbium	176-2	20082	20152	20529	20255	1.19	cps
Yttrium	89-1	29265755	29412609	29832750	29503705	1.00	cps
Yttrium	89-2	2307053	2305322	2273594	2295323	0.82	cps
Zinc	66-2	4472779	4503895	4436954	4471209	0.75	cps
Zirconium	90-1	21532217	21790593	21816081	21712964	0.72	cps
Zirconium	91-1	4858905	4909752	4879699	4882785	0.52	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 14:20:49	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	137	210	140	162	25.53	cps
Antimony	121-1	1867	1807	1570	1748	8.98	cps
Arsenic	75-2	23	17	13	18	28.64	cps
Barium	135-1	263	233	203	233	12.86	cps
Barium	137-1	443	353	380	392	11.79	cps
Beryllium	9-1	350	294	291	312	10.72	cps
Bismuth	209-1	12355497	12565230	12646575	12522434	1.20	cps
Bismuth	209-2	5809222	5720067	5785805	5771698	0.80	cps
Bromine	81-1	15605	16106	16029	15914	1.69	cps
Cadmium	108-1	30	47	27	34	31.11	cps
Cadmium	106-1	10617	10527	10828	10658	1.45	cps
Cadmium	111-1	1124	1090	1121	1112	1.69	cps
Calcium	43-1	1327	1250	1387	1321	5.19	cps
Calcium	44-1	43897	42543	42600	43014	1.78	cps
Carbon	12-1	2782120	2678167	2726336	2728874	1.91	cps
Carbon	12-2	18826	18545	18161	18511	1.80	cps
Chlorine	35-1	328532	329596	328890	329006	0.16	cps
Chlorine	35-2	1317	1320	1350	1329	1.38	cps
Chromium	52-2	1090	1087	1137	1104	2.53	cps
Cobalt	59-2	120	147	100	122	19.16	cps
Copper	63-2	1577	1647	1477	1567	5.45	cps
Dysprosium	156-1	17	7	17	13	43.29	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	180	127	123	143	22.18	cps
Erbium	164-2	60	33	43	46	29.58	cps
Gadolinium	160-1	150	200	130	160	22.53	cps
Gadolinium	160-2	33	50	50	44	21.66	cps
Holmium	165-1	20520629	20516460	20341211	20459433	0.50	cps
Holmium	165-2	7743778	7816243	7632691	7730904	1.20	cps
Indium	115-1	17803961	18219740	17722624	17915442	1.49	cps
Indium	115-2	2068516	1990993	1956978	2005496	2.85	cps
Iron	54-2	790	813	807	803	1.50	cps
Iron	56-2	10080	9857	10110	10016	1.38	cps
Iron	57-2	280	270	247	266	6.44	cps
Krypton	83-1	380	317	360	352	9.19	cps
Lead	206-1	3671	3687	3504	3621	2.80	cps

LB Number :	LB135672	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-05-05 14:20:49	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3094	3014	2967	3025	2.12	cps
Lead	208-1	14690	13986	13663	14113	3.72	cps
Lithium	6-1	3704951	3659284	3670708	3678314	0.65	cps
Magnesium	24-2	1183	1183	1093	1153	4.51	cps
Manganese	55-2	4364	4557	4361	4427	2.54	cps
Molybdenum	94-1	2344	2270	2257	2290	2.04	cps
Molybdenum	95-1	1343	1090	1030	1155	14.41	cps
Molybdenum	96-1	1703	1460	1577	1580	7.70	cps
Molybdenum	97-1	757	703	663	708	6.62	cps
Molybdenum	98-1	2050	1803	1870	1908	6.69	cps
Neodymium	150-1	20	33	40	31	32.73	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	237	297	297	277	12.52	cps
Phosphorus	31-2	117	153	103	124	20.81	cps
Potassium	39-2	15752	16139	15812	15901	1.31	cps
Rhodium	103-1	16973813	16658557	16800491	16810954	0.94	cps
Rhodium	103-2	6787640	6720254	6705220	6737705	0.65	cps
Scandium	45-1	10396156	10348382	10225536	10323358	0.85	cps
Scandium	45-2	188155	187507	186514	187392	0.44	cps
Selenium	82-1	-67	-110	10	-56	-109.38	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	27	37	23	29	24.03	cps
Silicon	28-1	416487	416889	425016	419464	1.15	cps
Silver	107-1	1050	797	900	916	13.91	cps
Silver	109-1	657	723	687	689	4.85	cps
Sodium	23-2	42980	43655	42555	43063	1.29	cps
Strontium	86-1	637	590	653	627	5.24	cps
Strontium	88-1	1253	1320	1237	1270	3.47	cps
Sulfur	34-1	544887	545422	548593	546301	0.37	cps
Terbium	159-1	21238504	21025629	21544181	21269438	1.23	cps
Terbium	159-2	7605800	7607424	7470834	7561353	1.04	cps
Thallium	203-1	1630	1463	1367	1487	8.96	cps
Thallium	205-1	3407	3404	3067	3293	5.93	cps
Tin	118-1	4354	3967	4141	4154	4.66	cps
Titanium	47-1	527	540	520	529	1.93	cps
Uranium	238-1	560	390	357	436	25.04	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	27	23	33	28	18.33	cps
Ytterbium	172-1	100	130	107	112	14.04	cps
Ytterbium	172-2	47	67	50	54	19.68	cps
Ytterbium	176-1	2897	3070	3234	3067	5.49	cps
Ytterbium	176-2	803	923	910	879	7.48	cps
Yttrium	89-1	31477647	32053375	32222910	31917977	1.22	cps
Yttrium	89-2	2446316	2442005	2425209	2437843	0.46	cps
Zinc	66-2	1393	1357	1443	1398	3.11	cps
Zirconium	90-1	4874	4798	4467	4713	4.59	cps
Zirconium	91-1	1010	990	1047	1016	2.83	cps