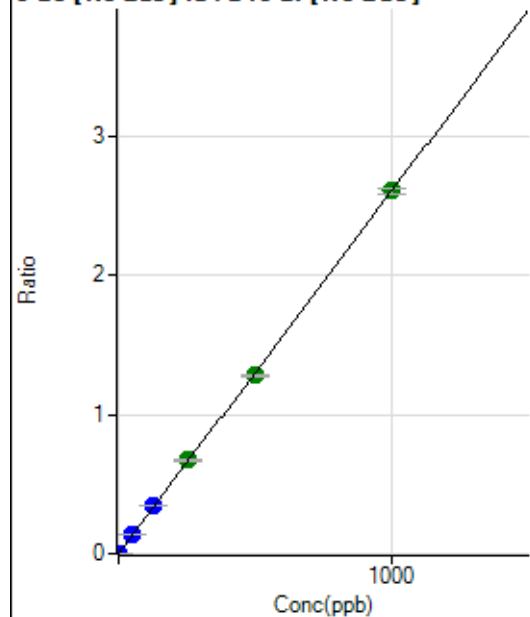


Calibration for 007CALB.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8041725 MS.b\
 Analysis File: P8041725 MS.batch.bin
 DA Date-Time: 2025-04-17 17:08:49
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-04-17 15:25:19
2	006CALS.d	S02	2025-04-17 15:32:05
3	007CALB.d	S03	2025-04-17 15:35:27
4	008CALS.d	S04	2025-04-17 15:39:59
5	009CALS.d	S05	2025-04-17 15:42:53
6	010CALS.d	S06	2025-04-17 15:45:40
7	011CALS.d	S07	2025-04-17 15:48:25
8	012CALS.d	S08	2025-04-17 15:51:15

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	132.90	0.0000	P	7.3
2	☐	1.000	1.147	8282.96	0.0030	P	1.0
3	☐	50.000	53.877	377381.30	0.1403	P	1.0
4	☐	125.000	132.057	898987.55	0.3437	P	0.8
5	☐	250.000	257.975	1665827.30	0.6715	A	1.0
6	☐	500.000	491.523	3115712.83	1.2793	A	1.1
7	☐	1000.000	1001.168	6024519.13	2.6057	A	1.8
8	☐			711.18	0.0003	P	12.7

$$y = 0.0026 * x + 4.9838E-005$$

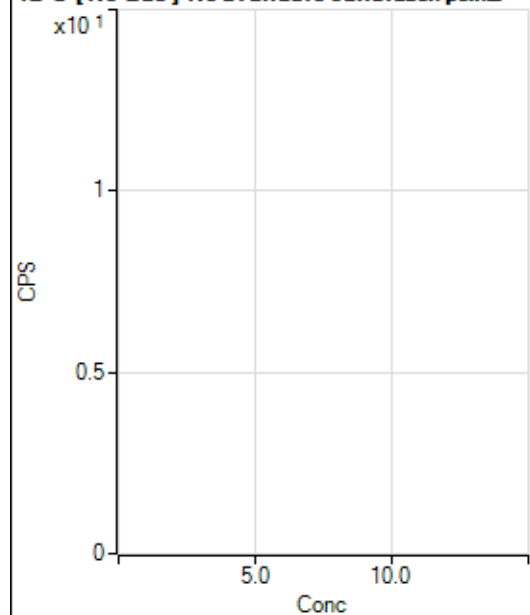
$$R = 0.9999$$

$$DL = 0.004218$$

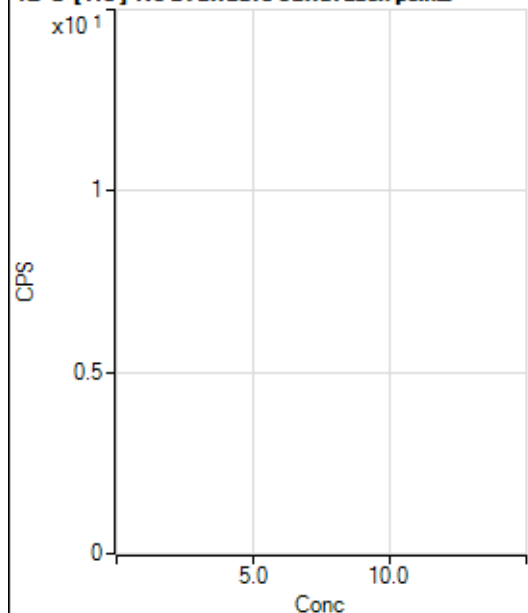
$$BEC = 0.01915$$

Weight: <None>

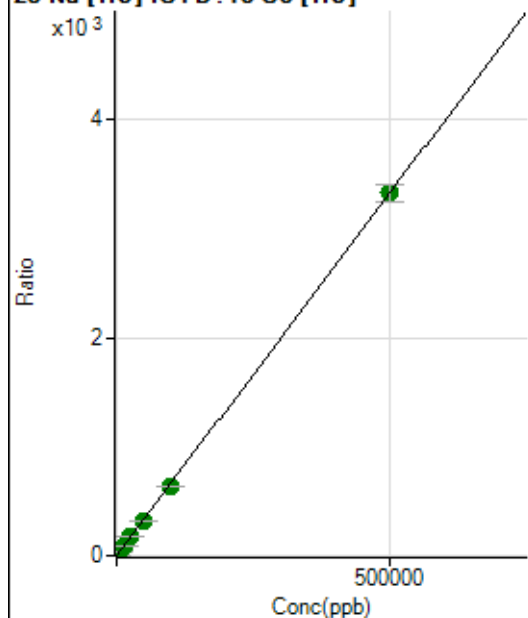
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			3203077.84		A	3.1
2	☐			3392171.79		A	2.0
3	☐			3707695.43		A	1.5
4	☐			3785925.88		A	1.1
5	☐			3914024.04		A	1.0
6	☐			4332528.82		A	1.9
7	☐			5196122.91		A	3.2
8	☐			4073841.08		A	1.0

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			22155.68		P	1.7
2	☐			23159.42		P	1.0
3	☐			25078.12		P	0.7
4	☐			26271.31		P	1.9
5	☐			28722.53		P	0.8
6	☐			33566.11		P	1.5
7	☐			40721.82		P	0.4
8	☐			39104.07		P	1.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	37751.00	0.3008	P	1.5
2	☐	500.000	550.872	500878.24	3.9586	P	0.5
3	☐	5000.000	5188.875	4215470.25	34.7554	A	1.3
4	☐	12500.000	12675.814	9846481.73	84.4693	A	0.2
5	☐	25000.000	25498.839	19198030.27	169.6154	A	1.5
6	☐	50000.000	48882.160	37077486.39	324.8828	A	0.6
7	☐	100000.00	96395.061	71758558.93	640.3728	A	0.4
8	☐	500000.00	500801.49	357845559.11	3,325.6685	A	4.9

$$y = 0.0066 * x + 0.3008$$

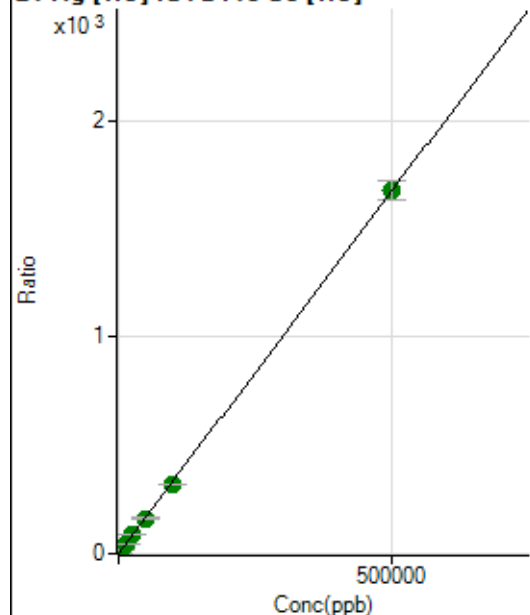
$$R = 1.0000$$

$$DL = 1.977$$

$$BEC = 45.29$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	605.58	0.0048	P	4.2
2	☐	500.000	555.773	235632.69	1.8623	P	1.0
3	☐	5000.000	5249.881	2128612.04	17.5507	A	1.6
4	☐	12500.000	12783.205	4980771.80	42.7281	A	0.2
5	☐	25000.000	25649.527	9703273.68	85.7292	A	1.6
6	☐	50000.000	48894.392	18650046.81	163.4168	A	0.9
7	☐	100000.00	96291.267	36063645.57	321.8239	A	0.2
8	☐	500000.00	500810.19	180074937.32	1,673.7836	A	5.4

$$y = 0.0033 * x + 0.0048$$

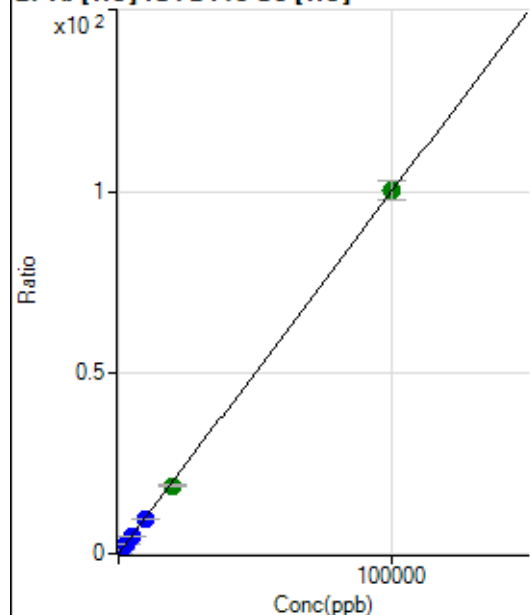
$$R = 1.0000$$

$$DL = 0.1832$$

$$BEC = 1.444$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	252.23	0.0020	P	14.1
2	☐	20.000	39.574	5254.33	0.0415	P	5.2
3	☐	1000.000	999.556	121305.11	1.0002	P	1.6
4	☐	2500.000	2457.748	286318.94	2.4563	P	0.8
5	☐	5000.000	4941.174	558736.40	4.9362	P	0.6
6	☐	10000.000	9375.092	1068655.26	9.3639	P	0.7
7	☐	20000.000	18846.198	2109122.47	18.8217	A	0.6
8	☐	100000.00	100297.24	10775917.62	100.1581	A	5.3

$$y = 9.9859E-004 * x + 0.0020$$

$$R = 0.9999$$

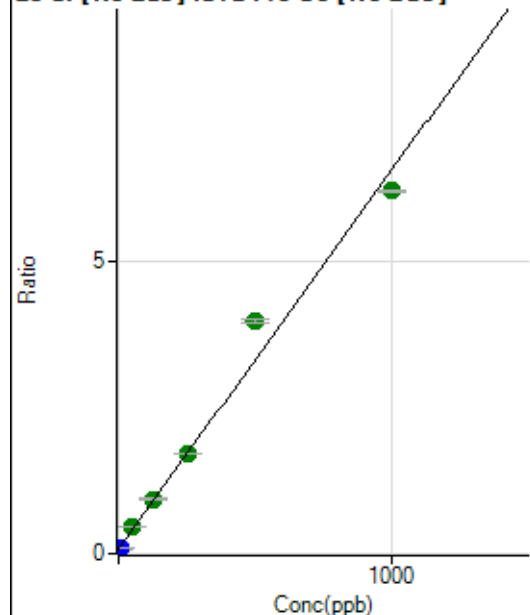
$$DL = 0.8485$$

$$BEC = 2.011$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	416868.71	0.0755	P	1.5
2	☐	10.000	4.250	571712.98	0.1030	P	1.9
3	☐	50.000	59.009	2518780.55	0.4572	A	1.7
4	☐	125.000	132.432	4996951.83	0.9321	A	1.5
5	☐	250.000	251.919	8646017.99	1.7049	A	1.3
6	☐	500.000	604.643	20045543.45	3.9861	A	1.7
7	☐	1000.000	945.877	30112455.11	6.1931	A	0.7
8	☐			678700.23	0.1440	P	2.5

$$y = 0.0065 * x + 0.0755$$

$$R = 0.9915$$

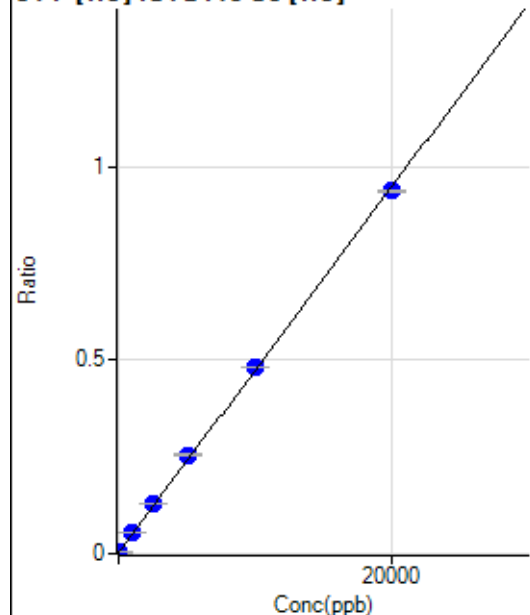
$$DL = 0.5326$$

$$BEC = 11.68$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-18.851	153.33	0.0012	P	20.2
2	☐	0.000	18.851	380.01	0.0030	P	1.5
3	☐	1000.000	1091.903	6517.10	0.0537	P	4.7
4	☐	2500.000	2693.668	15095.74	0.1295	P	2.2
5	☐	5000.000	5371.639	28993.40	0.2561	P	0.6
6	☐	10000.000	10156.641	55056.11	0.4824	P	0.9
7	☐	20000.000	19799.966	105169.81	0.9385	P	0.8
8	☐			178.89	0.0017	P	10.5

$$y = 4.7291E-005 * x + 0.0021$$

$$R = 0.9997$$

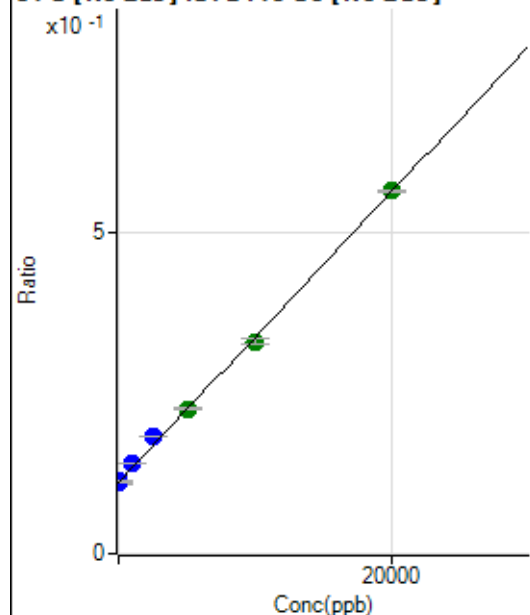
$$DL = 9.255$$

$$BEC = 44.66$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-66.138	607319.84	0.1100	P	1.3
2	☐	0.000	66.138	627344.68	0.1130	P	0.8
3	☐	1000.000	1315.247	779033.04	0.1414	P	0.8
4	☐	2500.000	3132.560	979241.04	0.1826	P	0.7
5	☐	5000.000	5057.349	1147769.77	0.2263	A	0.4
6	☐	10000.000	9684.057	1665920.98	0.3313	A	2.4
7	☐	20000.000	20048.802	2754470.83	0.5665	A	0.8
8	☐			493597.92	0.1047	P	1.7

$$y = 2.2692E-005 * x + 0.1115$$

$$R = 0.9992$$

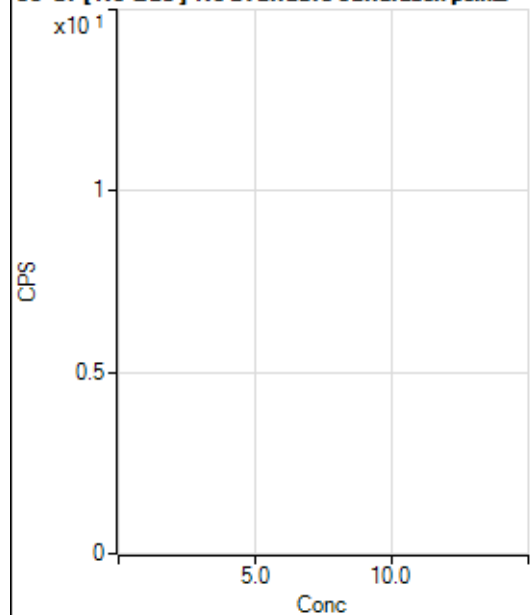
$$DL = 157.9$$

$$BEC = 4916$$

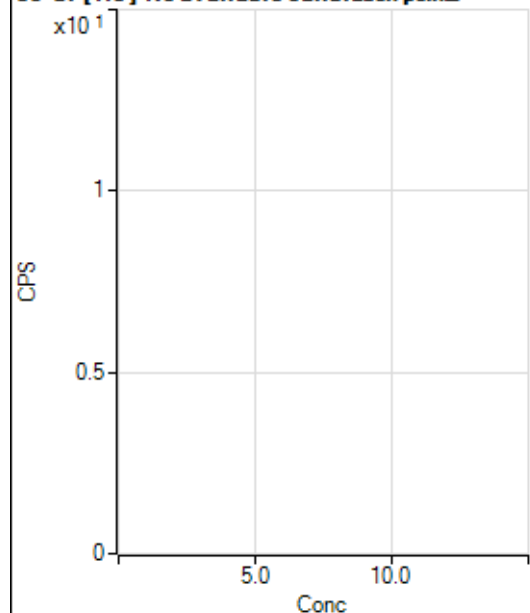
Weight: <None>

Min Conc: 0

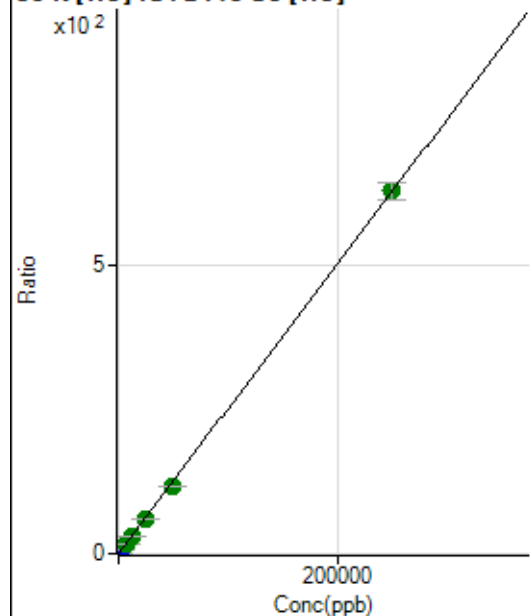
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			90831.27		P	1.2
2	☐			99068.92		P	0.5
3	☐			107237.57		P	0.9
4	☐			112716.41		P	0.5
5	☐			119442.17		P	0.4
6	☐			138892.16		P	1.8
7	☐			188026.52		P	1.9
8	☐			106462.01		P	0.7

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			413.34		P	15.7
2	☐			455.57		P	9.7
3	☐			454.45		P	5.2
4	☐			527.80		P	1.6
5	☐			531.13		P	13.2
6	☐			611.13		P	6.1
7	☐			853.37		P	6.1
8	☐			522.24		P	8.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	19375.30	0.1544	P	1.9
2	☐	500.000	510.785	181184.59	1.4320	P	1.5
3	☐	2500.000	2439.956	758977.43	6.2574	P	0.9
4	☐	6250.000	6065.680	1786513.27	15.3264	A	1.0
5	☐	12500.000	12270.920	3491483.28	30.8475	A	1.6
6	☐	25000.000	23481.023	6720590.87	58.8873	A	0.7
7	☐	50000.000	46253.174	12982148.83	115.8471	A	0.4
8	☐	250000.00	250917.90	67546370.66	627.7733	A	4.8

$$y = 0.0025 * x + 0.1544$$

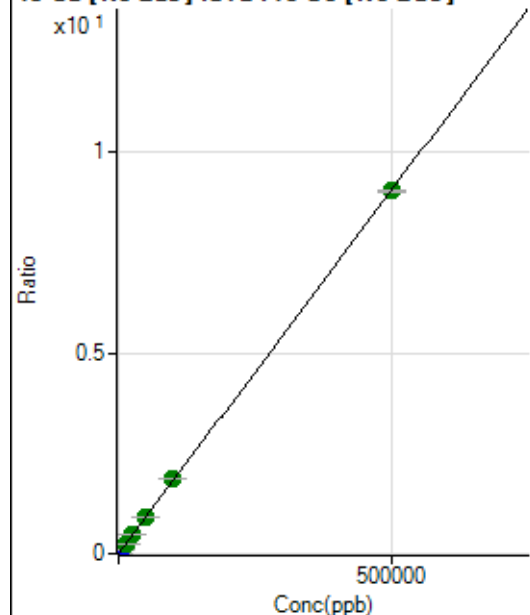
$$R = 0.9999$$

$$DL = 3.518$$

$$BEC = 61.71$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1204.51	0.0002	P	6.5
2	☐	500.000	546.524	56157.02	0.0101	P	1.5
3	☐	5000.000	5110.066	511312.06	0.0928	P	0.4
4	☐	12500.000	12947.197	1258722.75	0.2348	A	1.6
5	☐	25000.000	26511.946	2437061.37	0.4805	A	1.6
6	☐	50000.000	51100.852	4657008.16	0.9260	A	1.3
7	☐	100000.00	103595.66	9126756.60	1.8771	A	0.9
8	☐	500000.00	499082.85	42620509.37	9.0422	A	0.6

$$y = 1.8117\text{E-}005 * x + 2.1811\text{E-}004$$

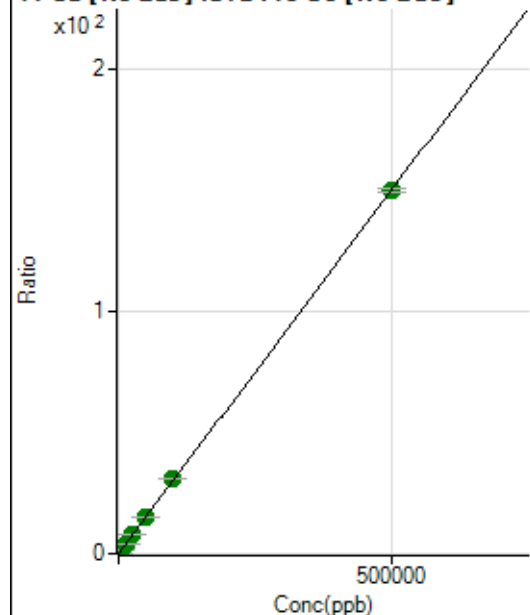
$$R = 1.0000$$

$$DL = 2.347$$

$$BEC = 12.04$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	32615.06	0.0059	P	0.6
2	☐	500.000	545.823	940581.06	0.1695	P	0.8
3	☐	5000.000	5108.875	8468747.37	1.5371	A	0.4
4	☐	12500.000	12769.910	20551452.19	3.8331	A	1.1
5	☐	25000.000	26170.756	39806953.85	7.8494	A	1.0
6	☐	50000.000	51178.507	77166059.96	15.3443	A	1.4
7	☐	100000.00	103425.40	150743688.86	31.0028	A	0.6
8	☐	500000.00	499130.64	705113820.60	149.5968	A	0.9

$$y = 2.9970\text{E-}004 * x + 0.0059$$

$$R = 1.0000$$

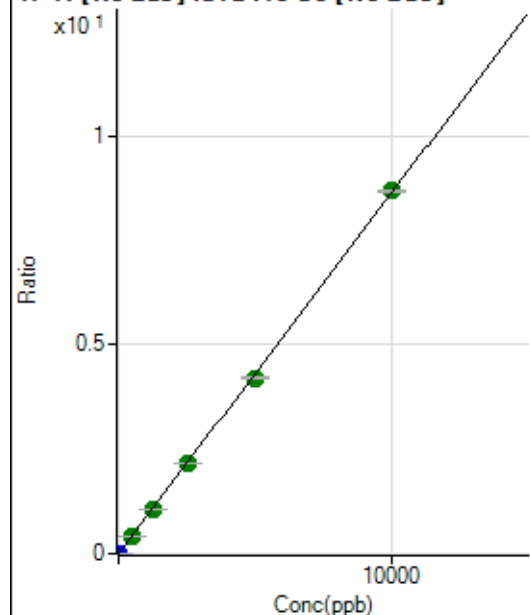
$$DL = 0.327$$

$$BEC = 19.72$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	266.67	0.0000	P	6.7
2	☐	5.000	5.243	25362.45	0.0046	P	1.1
3	☐	500.000	499.273	2372781.51	0.4307	A	2.0
4	☐	1250.000	1227.755	5677870.54	1.0590	A	1.5
5	☐	2500.000	2500.435	10938324.14	2.1568	A	0.3
6	☐	5000.000	4877.780	21158719.27	4.2074	A	1.4
7	☐	10000.000	10063.818	42207027.98	8.6806	A	0.8
8	☐			3704.97	0.0008	P	6.3

$$y = 8.6255E-004 * x + 4.8297E-005$$

$$R = 0.9999$$

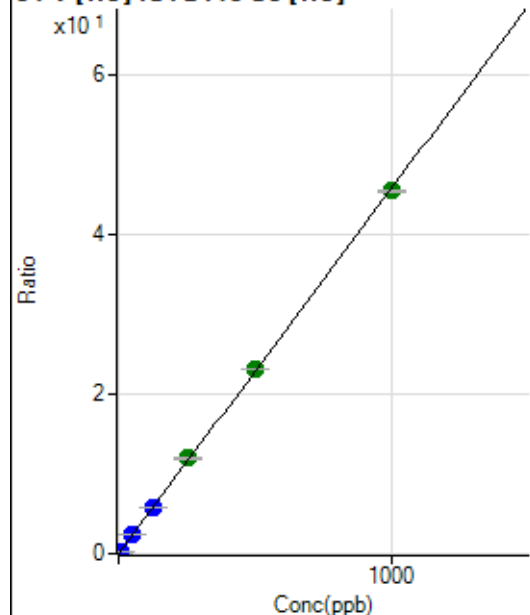
$$DL = 0.01129$$

$$BEC = 0.05599$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	20.00	0.0002	P	16.0
2	☐	5.000	5.403	31324.28	0.2476	P	2.8
3	☐	50.000	51.005	283323.39	2.3359	P	1.2
4	☐	125.000	126.362	674556.67	5.7869	P	0.5
5	☐	250.000	262.428	1360215.48	12.0179	A	2.1
6	☐	500.000	506.816	2648857.44	23.2096	A	0.4
7	☐	1000.000	993.263	5097395.86	45.4862	A	0.7
8	☐			1411.19	0.0131	P	5.4

$$y = 0.0458 * x + 1.5923E-004$$

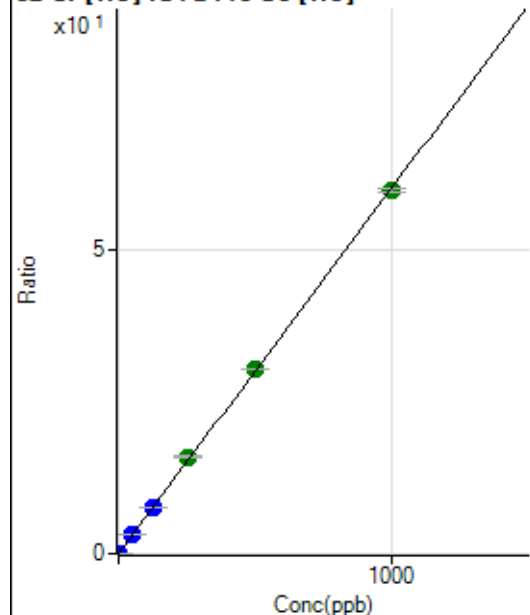
$$R = 0.9999$$

$$DL = 0.001673$$

$$BEC = 0.003477$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1288.96	0.0103	P	2.1
2	☐	2.000	2.159	17757.76	0.1403	P	1.9
3	☐	50.000	51.183	375229.35	3.0936	P	1.3
4	☐	125.000	126.171	887189.11	7.6110	P	0.4
5	☐	250.000	265.322	1810279.52	15.9936	A	1.1
6	☐	500.000	505.817	3478658.28	30.4812	A	0.7
7	☐	1000.000	993.055	6704921.01	59.8330	A	0.9
8	☐			56344.90	0.5237	P	5.3

$$y = 0.0602 * x + 0.0103$$

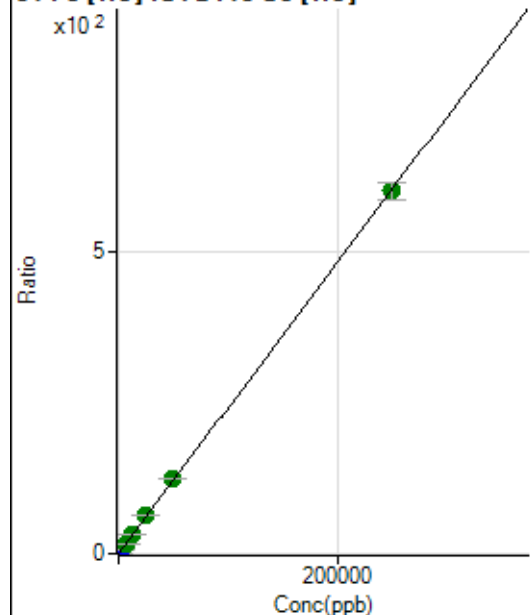
$$R = 0.9998$$

$$DL = 0.01088$$

$$BEC = 0.1704$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	854.48	0.0068	P	4.0
2	☐	50.000	60.843	19428.87	0.1535	P	1.7
3	☐	2500.000	2698.540	790186.01	6.5152	P	1.6
4	☐	6250.000	6845.672	1925344.14	16.5173	A	0.8
5	☐	12500.000	13716.855	3745217.62	33.0893	A	1.6
6	☐	25000.000	26144.642	7197176.56	63.0627	A	0.5
7	☐	50000.000	51421.176	13897886.74	124.0249	A	0.5
8	☐	250000.00	249523.57	64752088.48	601.8102	A	5.0

$$y = 0.0024 * x + 0.0068$$

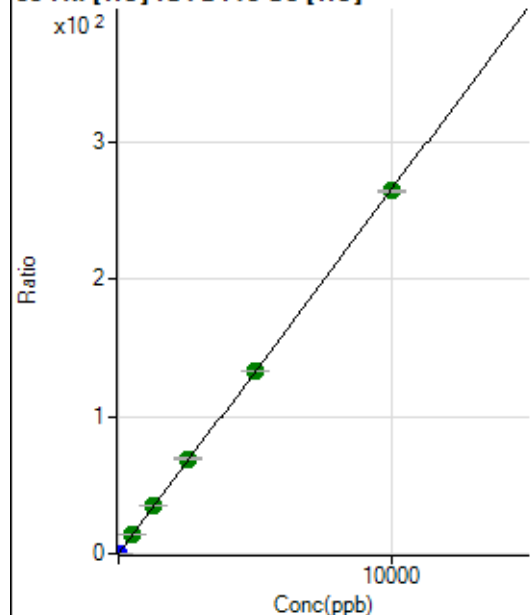
$$R = 1.0000$$

$$DL = 0.3423$$

$$BEC = 2.823$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1471.20	0.0117	P	3.8
2	☐	1.000	1.283	5783.45	0.0457	P	2.9
3	☐	500.000	532.728	1713367.44	14.1267	A	1.7
4	☐	1250.000	1297.398	4008434.83	34.3872	A	0.3
5	☐	2500.000	2603.433	7808905.16	68.9915	A	1.8
6	☐	5000.000	5009.900	15150646.44	132.7526	A	0.3
7	☐	10000.000	9961.631	29578235.39	263.9523	A	0.6
8	☐			15442.90	0.1435	P	3.3

$$y = 0.0265 * x + 0.0117$$

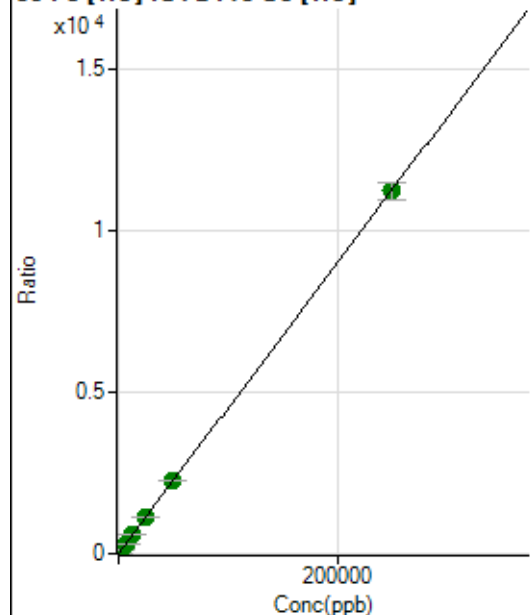
$$R = 0.9999$$

$$DL = 0.05001$$

$$BEC = 0.4424$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	10766.37	0.0858	P	1.9
2	☐	50.000	58.522	343270.54	2.7130	P	0.7
3	☐	2500.000	2698.410	14703204.09	121.2247	A	1.2
4	☐	6250.000	6642.511	34771040.59	298.2860	A	0.2
5	☐	12500.000	13297.935	67579992.33	597.0659	A	1.3
6	☐	25000.000	25549.819	130909470.27	1,147.0859	A	0.9
7	☐	50000.000	50275.802	252931578.46	2,257.1019	A	0.1
8	☐	250000.00	249838.16	1206850817.5	11,215.993	A	4.7

$$y = 0.0449 * x + 0.0858$$

$$R = 1.0000$$

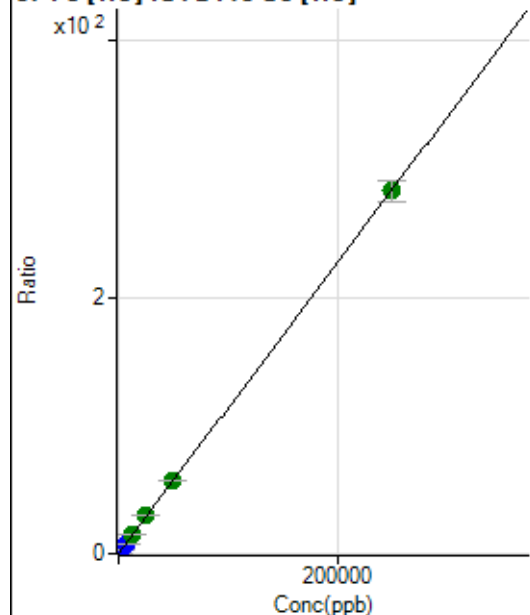
$$DL = 0.1084$$

$$BEC = 1.911$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	260.01	0.0021	P	18.4
2	☐	50.000	59.050	8722.73	0.0689	P	0.8
3	☐	2500.000	2615.368	359486.28	2.9637	P	0.7
4	☐	6250.000	6453.342	852107.15	7.3099	P	0.1
5	☐	12500.000	13489.455	1729147.73	15.2776	A	2.2
6	☐	25000.000	26052.642	3367289.60	29.5043	A	1.3
7	☐	50000.000	50404.102	6396395.67	57.0801	A	0.2
8	☐	250000.00	249758.20	30425339.27	282.8301	A	5.6

$$y = 0.0011 * x + 0.0021$$

$$R = 1.0000$$

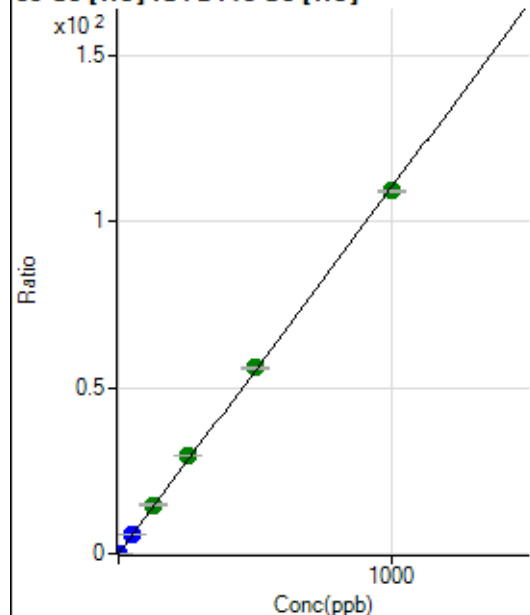
$$DL = 1.008$$

$$BEC = 1.828$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	117.78	0.0009	P	19.3
2	☐	1.000	1.157	16264.94	0.1286	P	2.8
3	☐	50.000	52.095	696952.20	5.7460	P	0.7
4	☐	125.000	133.783	1719967.42	14.7543	A	1.9
5	☐	250.000	268.299	3349175.30	29.5887	A	0.6
6	☐	500.000	506.942	6380151.92	55.9059	A	1.0
7	☐	1000.000	990.751	12243378.15	109.2598	A	0.6
8	☐			25113.29	0.2335	P	5.7

$$y = 0.1103 * x + 9.3882E-004$$

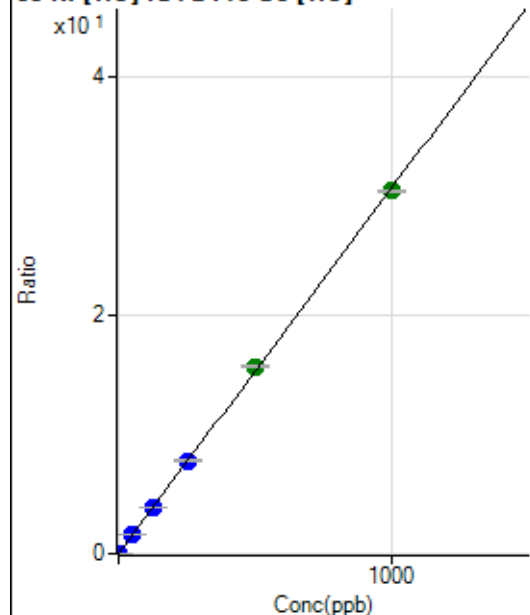
$$R = 0.9998$$

$$DL = 0.004934$$

$$BEC = 0.008513$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	818.92	0.0065	P	3.0
2	☐	1.000	1.104	5099.85	0.0403	P	2.9
3	☐	50.000	51.462	191758.40	1.5809	P	0.8
4	☐	125.000	127.106	454051.55	3.8952	P	0.6
5	☐	250.000	253.670	879156.54	7.7673	P	1.2
6	☐	500.000	511.762	1787601.55	15.6633	A	0.6
7	☐	1000.000	992.865	3404513.04	30.3820	A	0.5
8	☐			15523.00	0.1442	P	3.4

$$y = 0.0306 * x + 0.0065$$

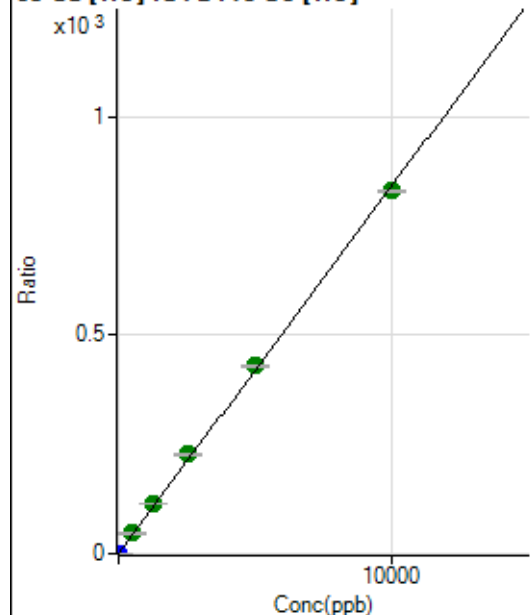
$$R = 0.9999$$

$$DL = 0.0193$$

$$BEC = 0.2132$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2142.40	0.0171	P	3.0
2	☐	2.000	2.321	26866.56	0.2123	P	0.4
3	☐	500.000	551.521	5630148.60	46.4211	A	1.9
4	☐	1250.000	1350.541	13247853.83	113.6492	A	0.5
5	☐	2500.000	2707.155	25783524.06	227.7924	A	1.1
6	☐	5000.000	5110.979	49079196.49	430.0460	A	0.4
7	☐	10000.000	9877.578	93134418.61	831.0995	A	0.2
8	☐			25401.73	0.2361	P	6.0

$$y = 0.0841 * x + 0.0171$$

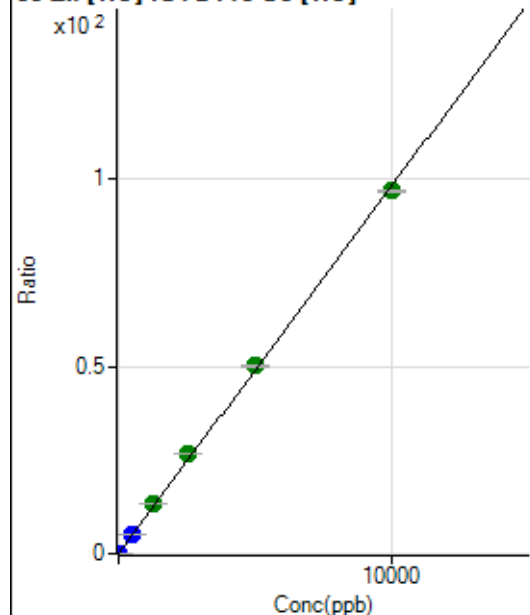
$$R = 0.9997$$

$$DL = 0.01849$$

$$BEC = 0.2029$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1911.26	0.0152	P	2.2
2	☐	2.000	5.814	9135.26	0.0722	P	2.0
3	☐	500.000	526.472	627584.08	5.1743	P	1.2
4	☐	1250.000	1366.232	1562380.12	13.4035	A	0.8
5	☐	2500.000	2721.077	3019868.60	26.6801	A	1.1
6	☐	5000.000	5106.418	5712662.76	50.0550	A	0.5
7	☐	10000.000	9875.668	10846530.39	96.7907	A	0.2
8	☐			64896.68	0.6033	P	6.0

$$y = 0.0098 * x + 0.0152$$

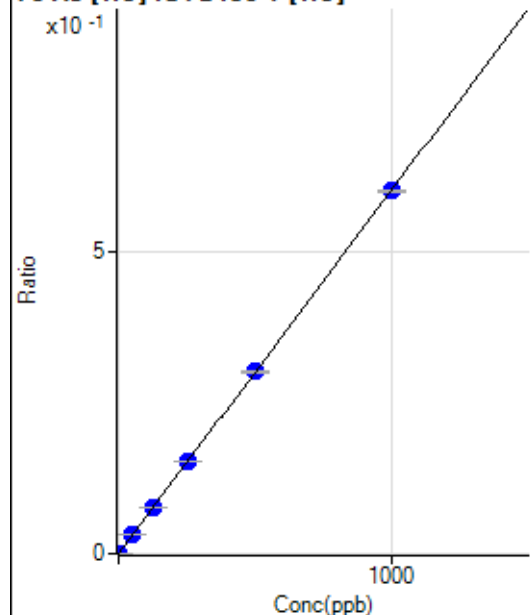
$$R = 0.9996$$

$$DL = 0.1019$$

$$BEC = 1.554$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	10.00	0.0000	P	66.3
2	☐	1.000	1.183	938.93	0.0007	P	4.4
3	☐	50.000	50.717	38669.60	0.0304	P	1.3
4	☐	125.000	125.475	92782.61	0.0753	P	0.4
5	☐	250.000	255.292	182894.74	0.1532	P	0.1
6	☐	500.000	500.510	353572.52	0.3003	P	0.7
7	☐	1000.000	998.326	679493.03	0.5990	P	0.5
8	☐			356.67	0.0003	P	13.5

$$y = 6.0004E-004 * x + 7.7138E-006$$

$$R = 1.0000$$

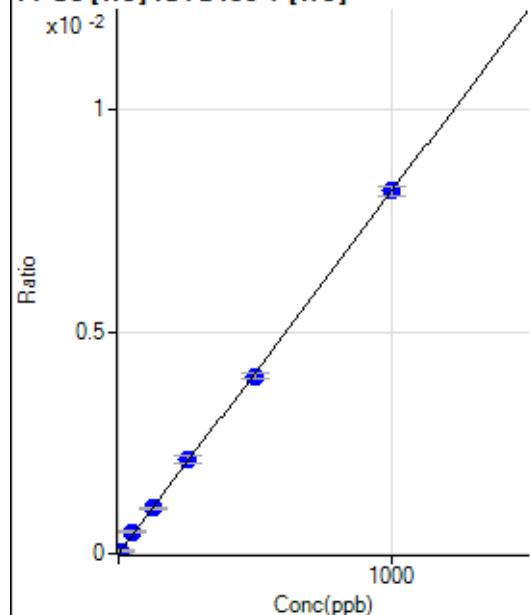
$$DL = 0.02557$$

$$BEC = 0.01286$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	7.388	80.00	0.0001	P	22.9
3	☐	50.000	58.720	610.02	0.0005	P	9.6
4	☐	125.000	126.007	1267.85	0.0010	P	5.2
5	☐	250.000	261.939	2552.48	0.0021	P	8.1
6	☐	500.000	490.362	4709.73	0.0040	P	3.4
7	☐	1000.000	1001.261	9265.36	0.0082	P	2.9
8	☐			5.55	0.0000	P	127.

$$y = 8.1577\text{E-}006 * x + 8.5756\text{E-}007$$

$$R = 0.9998$$

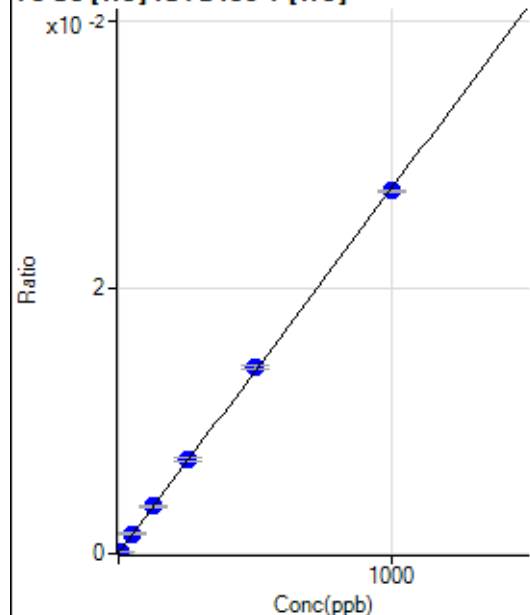
$$DL = 0.5462$$

$$BEC = 0.1051$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	28.89	0.0000	P	40.0
2	☐	5.000	5.503	226.67	0.0002	P	12.4
3	☐	50.000	52.695	1863.48	0.0015	P	8.0
4	☐	125.000	128.601	4372.95	0.0035	P	4.0
5	☐	250.000	256.595	8428.14	0.0071	P	2.7
6	☐	500.000	508.818	16455.29	0.0140	P	2.5
7	☐	1000.000	993.355	30927.41	0.0273	P	0.7
8	☐			45.55	0.0000	P	33.0

$$y = 2.7425\text{E-}005 * x + 2.2309\text{E-}005$$

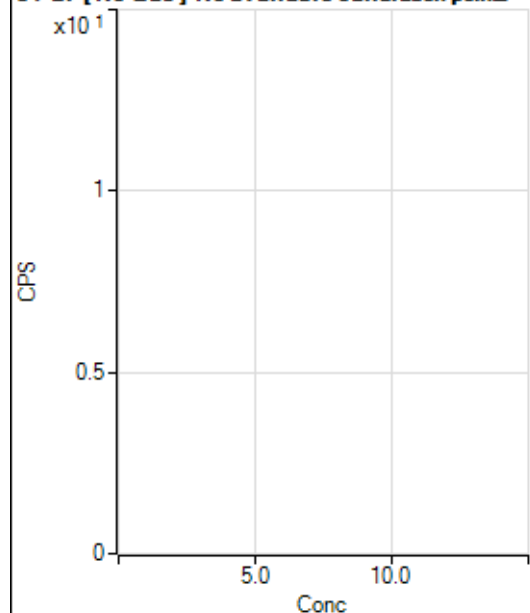
$$R = 0.9999$$

$$DL = 0.9763$$

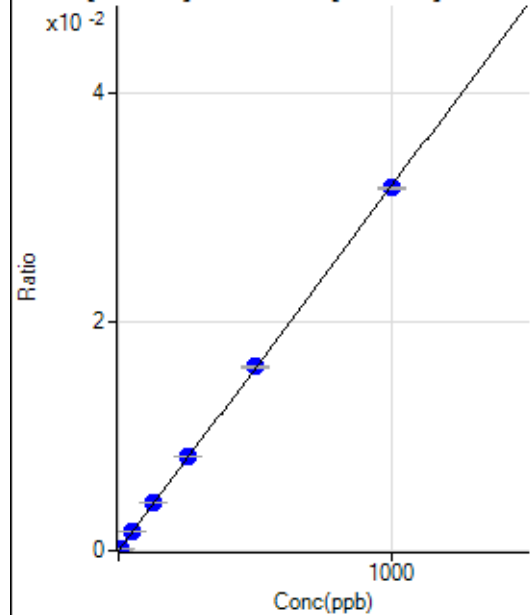
$$BEC = 0.8134$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			31887.45		P	0.1
2	☐			32013.21		P	1.6
3	☐			31813.97		P	0.4
4	☐			31143.60		P	0.2
5	☐			30398.45		P	1.0
6	☐			31278.29		P	1.5
7	☐			31782.76		P	2.2
8	☐			30399.64		P	1.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	24.44	0.0000	P	315.
2	☐	5.000	5.734	2934.85	0.0002	P	5.7
3	☐	50.000	52.251	26503.53	0.0017	P	1.1
4	☐	125.000	130.230	64504.64	0.0042	P	1.6
5	☐	250.000	258.266	124574.66	0.0082	P	0.6
6	☐	500.000	504.621	239100.30	0.0161	P	1.0
7	☐	1000.000	994.853	459756.50	0.0317	P	0.5
8	☐			397.80	0.0000	P	6.3

$$y = 3.1888\text{E-}005 * x + 1.5623\text{E-}006$$

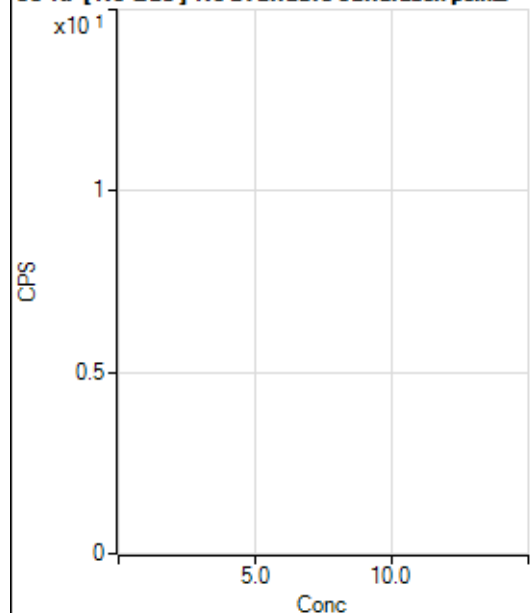
$$R = 0.9999$$

$$DL = 0.4637$$

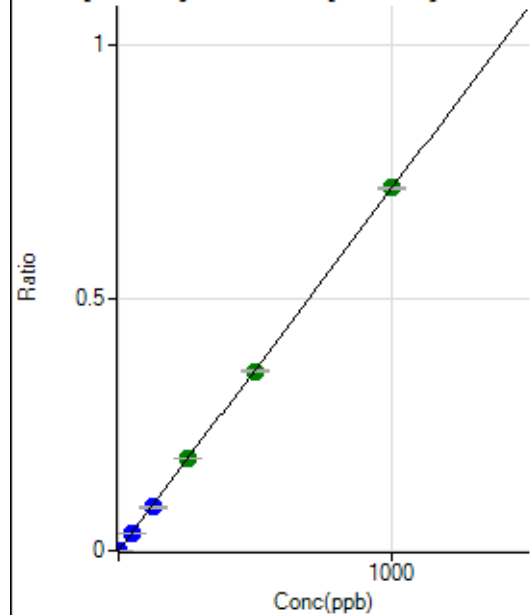
$$BEC = 0.04899$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			354.45		P	6.1
2	☐			346.67		P	2.5
3	☐			358.90		P	10.4
4	☐			370.01		P	8.0
5	☐			347.78		P	3.4
6	☐			367.78		P	8.6
7	☐			367.79		P	15.4
8	☐			431.12		P	12.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	626.69	0.0000	P	7.3
2	☐	1.000	1.020	12256.54	0.0008	P	2.0
3	☐	50.000	47.876	545524.88	0.0343	P	0.5
4	☐	125.000	119.814	1332921.42	0.0858	P	1.2
5	☐	250.000	254.141	2753109.64	0.1820	A	0.7
6	☐	500.000	494.984	5267400.37	0.3545	A	1.2
7	☐	1000.000	1002.227	10402016.58	0.7178	A	0.8
8	☐			31371.85	0.0023	P	1.1

$$y = 7.1616\text{E-}004 * x + 3.9849\text{E-}005$$

$$R = 1.0000$$

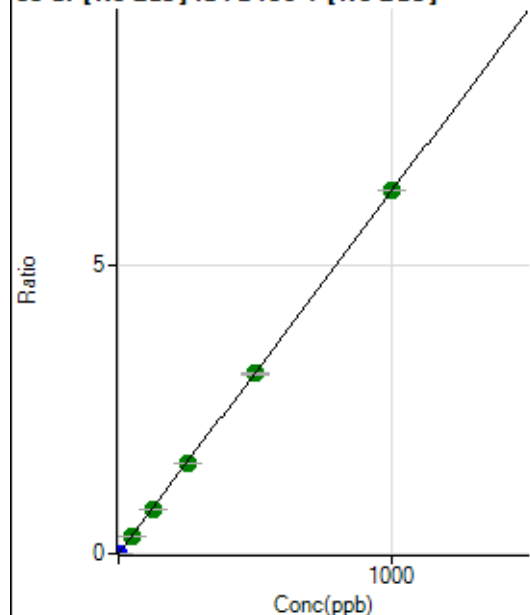
$$DL = 0.01224$$

$$BEC = 0.05564$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	623.35	0.0000	P	2.6
2	☐	1.000	1.043	104613.53	0.0066	P	0.8
3	☐	50.000	49.371	4913363.33	0.3092	A	0.4
4	☐	125.000	124.177	12073361.07	0.7775	A	0.8
5	☐	250.000	250.569	23727867.70	1.5689	A	0.5
6	☐	500.000	497.152	46248255.98	3.1129	A	1.5
7	☐	1000.000	1001.416	90867063.09	6.2702	A	0.0
8	☐			271611.95	0.0197	P	0.9

$$y = 0.0063 * x + 3.9625E-005$$

$$R = 1.0000$$

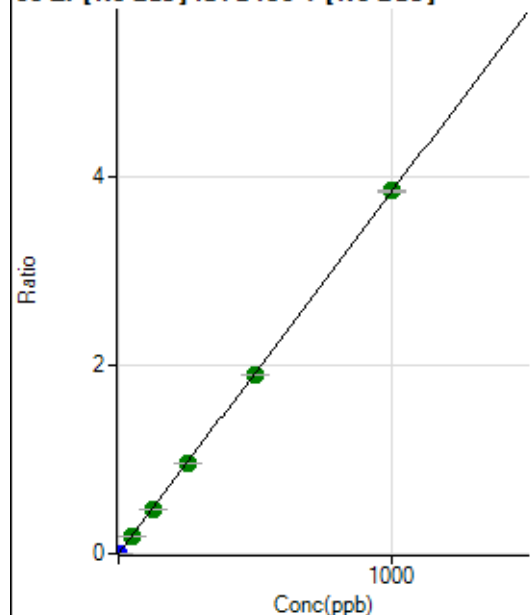
$$DL = 0.0004993$$

$$BEC = 0.006329$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1211.31	0.0001	P	28.7
2	☐	1.000	1.006	62618.51	0.0039	P	0.4
3	☐	50.000	49.321	3005646.17	0.1891	A	1.0
4	☐	125.000	122.725	7305497.32	0.4705	A	1.0
5	☐	250.000	249.037	14437864.92	0.9547	A	0.7
6	☐	500.000	494.552	28165969.03	1.8957	A	0.9
7	☐	1000.000	1003.283	55731323.61	3.8457	A	0.6
8	☐			25466.60	0.0018	P	1.1

$$y = 0.0038 * x + 7.6922E-005$$

$$R = 1.0000$$

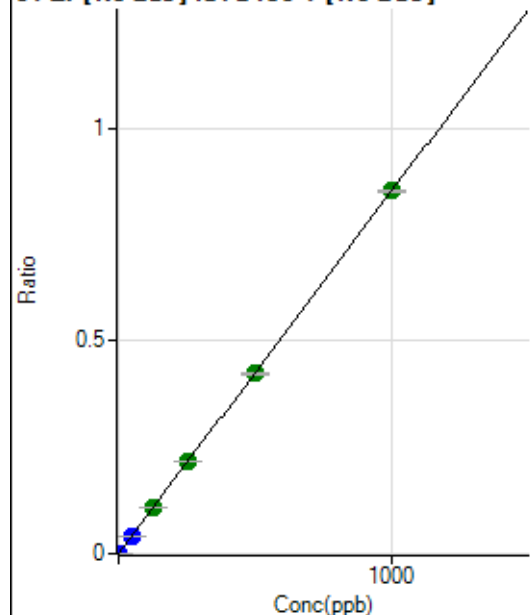
$$DL = 0.01729$$

$$BEC = 0.02007$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	202.23	0.0000	P	28.7
2	☐	1.000	1.022	14044.96	0.0009	P	1.8
3	☐	50.000	47.190	638512.62	0.0402	P	0.7
4	☐	125.000	126.093	1666570.22	0.1073	A	1.4
5	☐	250.000	253.717	3266128.60	0.2160	A	0.9
6	☐	500.000	496.639	6280596.29	0.4227	A	1.2
7	☐	1000.000	1000.755	12344038.71	0.8518	A	0.6
8	☐			5556.71	0.0004	P	1.1

$$y = 8.5114\text{E-}004 * x + 1.2841\text{E-}005$$

$$R = 1.0000$$

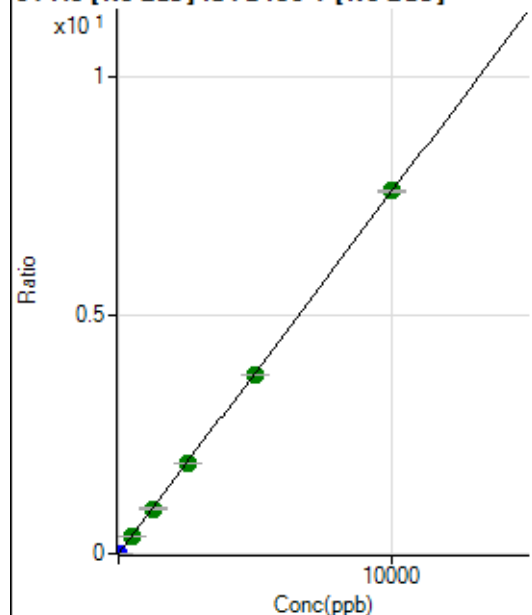
$$DL = 0.01298$$

$$BEC = 0.01509$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	456.68	0.0000	P	7.4
2	☐	5.000	5.993	72904.13	0.0046	P	1.0
3	☐	500.000	490.384	5919477.69	0.3725	A	0.5
4	☐	1250.000	1246.383	14698608.95	0.9467	A	1.5
5	☐	2500.000	2512.353	28857978.46	1.9082	A	0.8
6	☐	5000.000	4945.871	55813176.39	3.7564	A	0.4
7	☐	10000.000	10024.909	110341811.69	7.6140	A	0.5
8	☐			21376.50	0.0016	P	2.8

$$y = 7.5950\text{E-}004 * x + 2.9029\text{E-}005$$

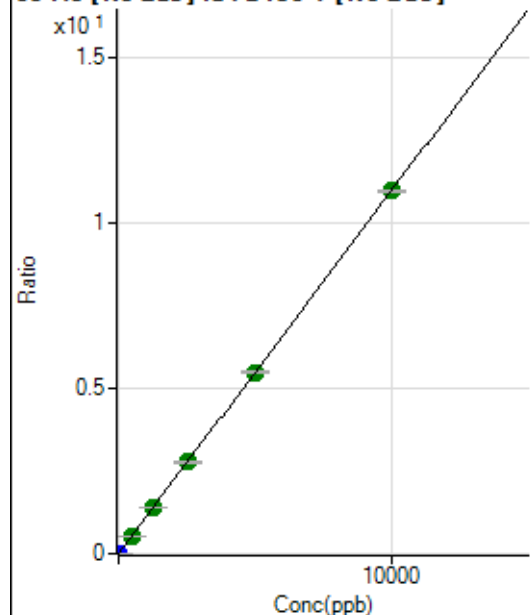
$$R = 1.0000$$

$$DL = 0.00852$$

$$BEC = 0.03822$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	224.45	0.0000	P	14.8
2	☐	5.000	5.107	89389.39	0.0056	P	1.7
3	☐	500.000	496.255	8651525.50	0.5444	A	0.3
4	☐	1250.000	1258.682	21438273.29	1.3808	A	1.8
5	☐	2500.000	2521.854	41837267.16	2.7664	A	0.8
6	☐	5000.000	4999.215	81481198.23	5.4840	A	0.5
7	☐	10000.000	9994.031	158876706.52	10.9632	A	0.3
8	☐			21626.93	0.0016	P	2.7

$$y = 0.0011 * x + 1.4261E-005$$

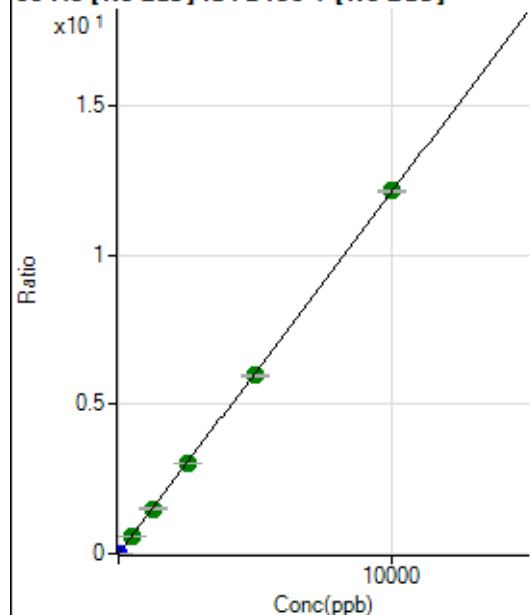
$$R = 1.0000$$

$$DL = 0.005774$$

$$BEC = 0.013$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	348.90	0.0000	P	21.4
2	☐	5.000	5.156	99799.31	0.0063	P	0.6
3	☐	500.000	491.523	9467795.83	0.5958	A	0.7
4	☐	1250.000	1244.912	23428077.15	1.5089	A	1.5
5	☐	2500.000	2504.876	45913732.65	3.0360	A	1.0
6	☐	5000.000	4929.863	88774475.34	5.9751	A	1.2
7	☐	10000.000	10034.909	176256077.37	12.1625	A	0.8
8	☐			37919.57	0.0028	P	4.0

$$y = 0.0012 * x + 2.2187E-005$$

$$R = 1.0000$$

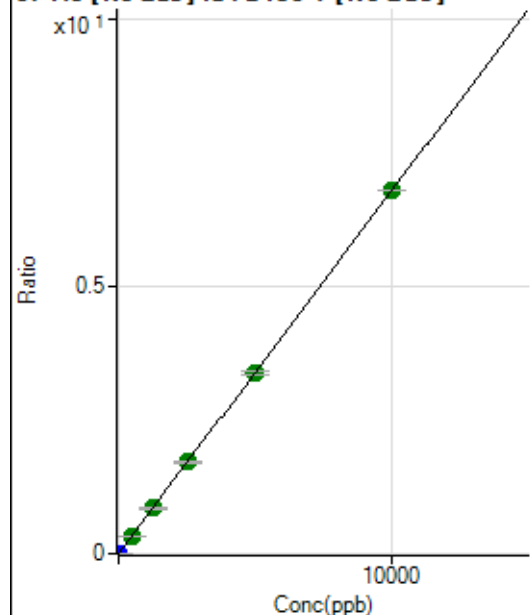
$$DL = 0.01175$$

$$BEC = 0.01831$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	155.56	0.0000	P	20.2
2	☐	5.000	5.119	55362.24	0.0035	P	1.0
3	☐	500.000	497.135	5354195.61	0.3369	A	0.8
4	☐	1250.000	1251.766	13171802.58	0.8483	A	1.3
5	☐	2500.000	2523.591	25863769.62	1.7102	A	1.0
6	☐	5000.000	4979.923	50141749.25	3.3748	A	1.3
7	☐	10000.000	10004.063	98249839.65	6.7796	A	0.1
8	☐			12663.66	0.0009	P	4.2

$$y = 6.7769\text{E-}004 * x + 9.8944\text{E-}006$$

$$R = 1.0000$$

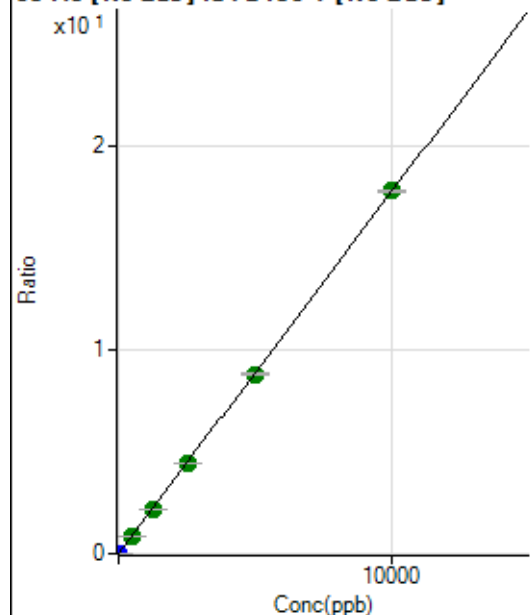
$$DL = 0.008869$$

$$BEC = 0.0146$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	407.79	0.0000	P	5.5
2	☐	5.000	5.081	144259.75	0.0091	P	0.4
3	☐	500.000	490.802	13876376.46	0.8732	A	0.8
4	☐	1250.000	1238.982	34225777.82	2.2042	A	0.7
5	☐	2500.000	2503.227	67346670.66	4.4533	A	1.6
6	☐	5000.000	4947.159	130762024.72	8.8011	A	1.0
7	☐	10000.000	10027.451	258521213.93	17.8390	A	0.5
8	☐			30904.52	0.0022	P	5.7

$$y = 0.0018 * x + 2.5925\text{E-}005$$

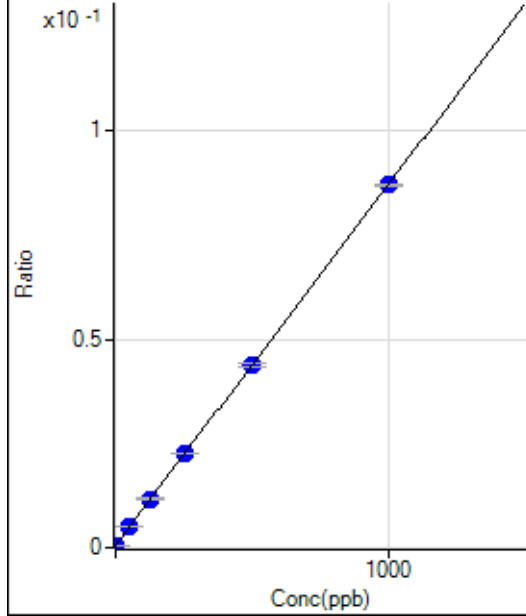
$$R = 1.0000$$

$$DL = 0.002392$$

$$BEC = 0.01457$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	5564.52	0.0005	P	1.7
2	☐	1.000	0.713	6333.74	0.0006	P	2.2
3	☐	50.000	52.344	54066.39	0.0051	P	0.3
4	☐	125.000	129.228	124868.73	0.0117	P	1.2
5	☐	250.000	254.985	237159.57	0.0226	P	0.5
6	☐	500.000	499.632	456158.06	0.0439	P	2.0
7	☐	1000.000	998.292	878328.86	0.0871	P	0.8
8	☐			5114.34	0.0005	P	1.9

$$y = 8.6722\text{E-}005 * x + 5.2981\text{E-}004$$

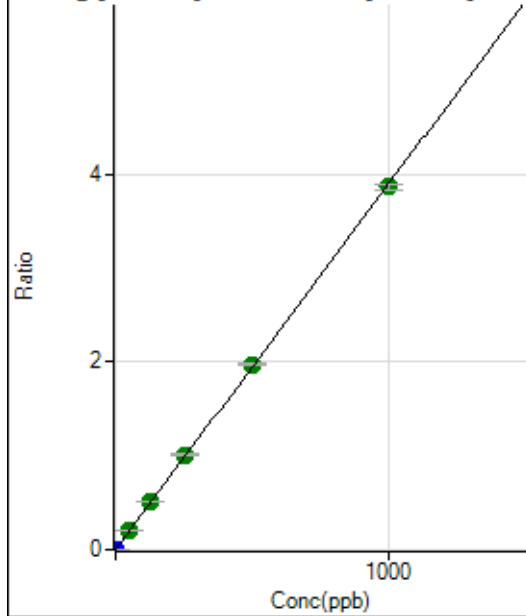
$$R = 1.0000$$

$$DL = 0.3179$$

$$BEC = 6.109$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	178.89	0.0000	P	15.4
2	☐	1.000	1.070	44754.61	0.0042	P	1.1
3	☐	50.000	54.787	2274741.30	0.2133	A	0.4
4	☐	125.000	133.331	5521747.42	0.5190	A	0.7
5	☐	250.000	259.535	10580209.84	1.0103	A	1.8
6	☐	500.000	507.592	20550039.14	1.9758	A	1.9
7	☐	1000.000	992.539	38957079.42	3.8635	A	1.6
8	☐			4033.98	0.0004	P	13.7

$$y = 0.0039 * x + 1.7032\text{E-}005$$

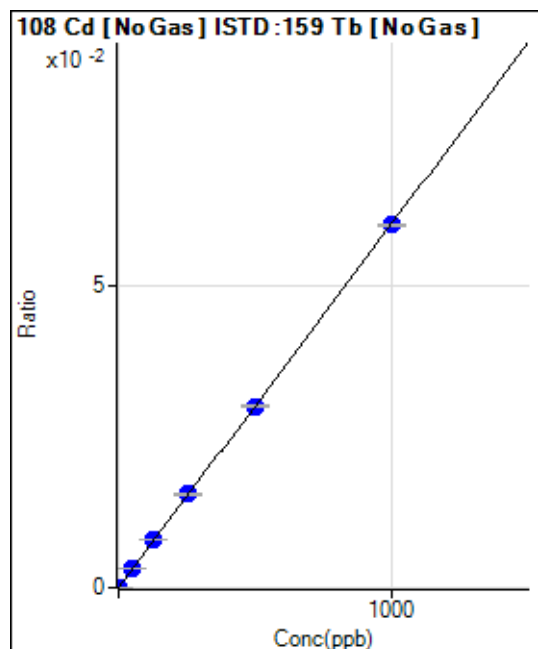
$$R = 0.9999$$

$$DL = 0.002023$$

$$BEC = 0.004376$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	13.33	0.0000	P	49.9
2	☐	1.000	1.194	785.58	0.0001	P	6.1
3	☐	50.000	52.157	33600.89	0.0032	P	1.8
4	☐	125.000	130.820	84046.28	0.0079	P	0.8
5	☐	250.000	257.483	162831.40	0.0155	P	1.2
6	☐	500.000	499.465	313678.81	0.0302	P	1.4
7	☐	1000.000	997.561	607359.48	0.0602	P	0.6
8	☐			221.11	0.0000	P	7.8

$$y = 6.0377\text{E-}005 * x + 1.2678\text{E-}006$$

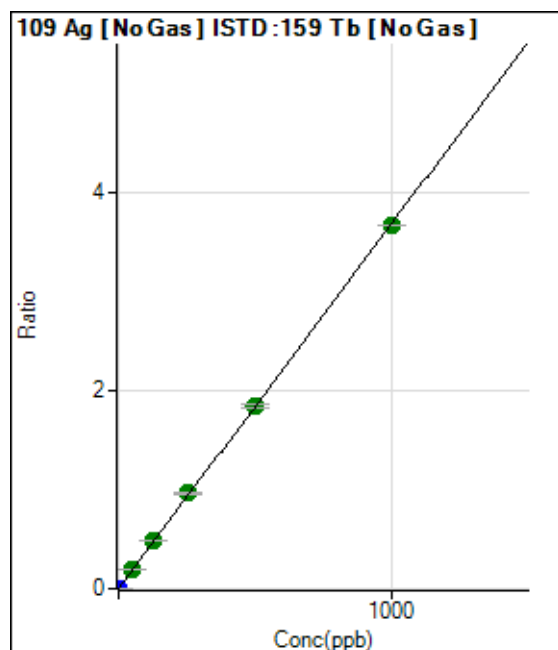
$$R = 1.0000$$

$$DL = 0.03142$$

$$BEC = 0.021$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	121.12	0.0000	P	13.7
2	☐	1.000	1.067	42192.24	0.0039	P	2.2
3	☐	50.000	54.222	2129274.66	0.1996	A	0.6
4	☐	125.000	133.606	5233393.60	0.4919	A	1.1
5	☐	250.000	262.973	10139701.24	0.9682	A	1.6
6	☐	500.000	501.754	19212556.80	1.8473	A	2.3
7	☐	1000.000	994.593	36925026.12	3.6617	A	0.1
8	☐			3890.59	0.0004	P	10.9

$$y = 0.0037 * x + 1.1541\text{E-}005$$

$$R = 0.9999$$

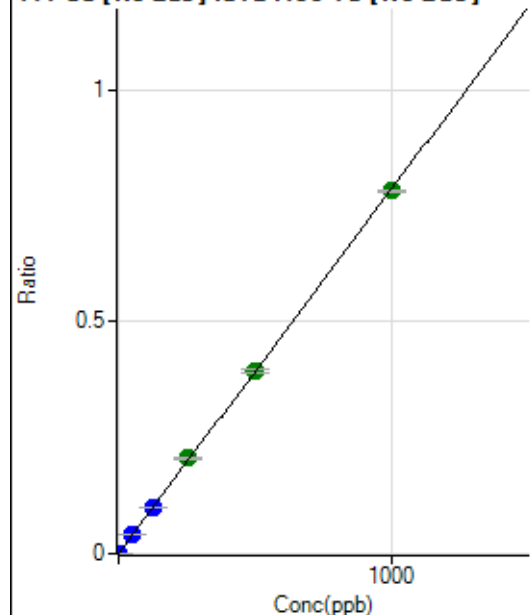
$$DL = 0.001289$$

$$BEC = 0.003135$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3938.05	0.0004	P	1.4
2	☐	1.000	1.076	13056.83	0.0012	P	0.9
3	☐	50.000	51.266	433267.14	0.0406	P	0.7
4	☐	125.000	126.719	1062416.91	0.0999	P	0.7
5	☐	250.000	261.736	2155887.90	0.2059	A	1.9
6	☐	500.000	502.822	4109614.37	0.3951	A	2.1
7	☐	1000.000	995.377	7883973.52	0.7818	A	0.3
8	☐			4393.08	0.0005	P	1.1

$$y = 7.8507\text{E-}004 * x + 3.7495\text{E-}004$$

$$R = 0.9999$$

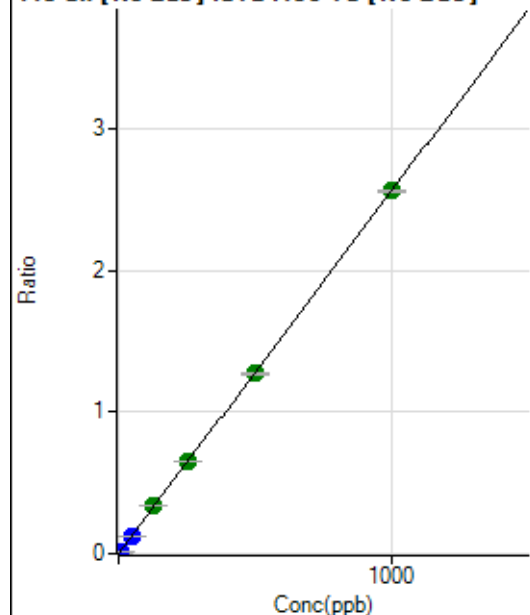
$$DL = 0.01952$$

$$BEC = 0.4776$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3792.49	0.0004	P	16.8
2	☐	5.000	5.218	147125.22	0.0137	P	1.1
3	☐	50.000	50.011	1371963.47	0.1286	P	0.7
4	☐	125.000	130.328	3560314.81	0.3346	A	0.3
5	☐	250.000	254.369	6836356.22	0.6528	A	1.9
6	☐	500.000	496.391	13246249.25	1.2735	A	1.6
7	☐	1000.000	1000.045	25869497.11	2.5653	A	0.7
8	☐			7800.07	0.0008	P	2.4

$$y = 0.0026 * x + 3.6109\text{E-}004$$

$$R = 1.0000$$

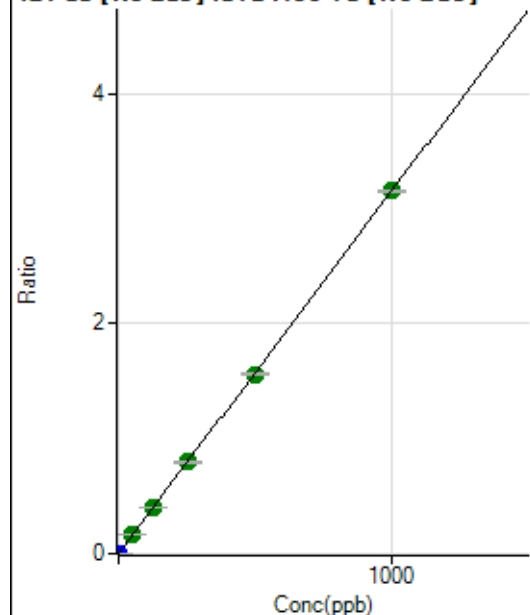
$$DL = 0.07083$$

$$BEC = 0.1408$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	116.67	0.0000	P	5.1
2	☐	2.000	2.086	70481.46	0.0066	P	0.7
3	☐	50.000	52.155	1752700.03	0.1643	A	0.9
4	☐	125.000	129.130	4328515.11	0.4068	A	0.5
5	☐	250.000	252.296	8324802.86	0.7949	A	1.7
6	☐	500.000	495.755	16246220.18	1.5619	A	1.6
7	☐	1000.000	1000.924	31800181.19	3.1535	A	0.2
8	☐			17760.55	0.0019	P	3.5

$$y = 0.0032 * x + 1.1111E-005$$

$$R = 1.0000$$

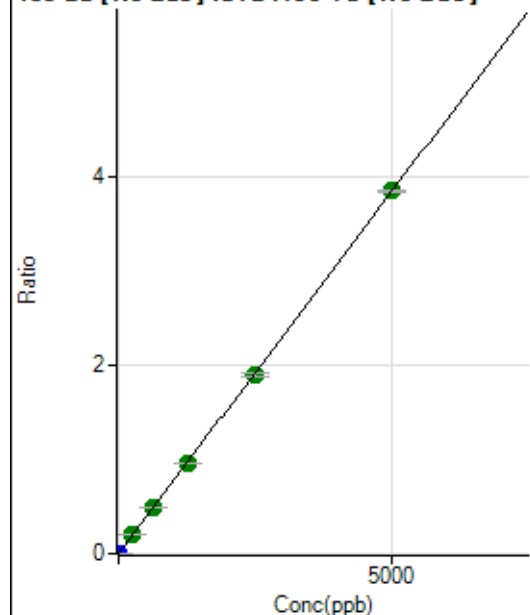
$$DL = 0.0005391$$

$$BEC = 0.003526$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	165.56	0.0000	P	18.7
2	☐	10.000	10.334	85095.12	0.0079	P	1.8
3	☐	250.000	257.936	2112186.53	0.1980	A	1.2
4	☐	625.000	636.921	5202346.21	0.4890	A	0.7
5	☐	1250.000	1253.961	10082910.75	0.9627	A	0.7
6	☐	2500.000	2463.154	19668033.73	1.8910	A	1.8
7	☐	5000.000	5015.545	38827831.09	3.8505	A	0.5
8	☐			14197.55	0.0015	P	3.8

$$y = 7.6770E-004 * x + 1.5746E-005$$

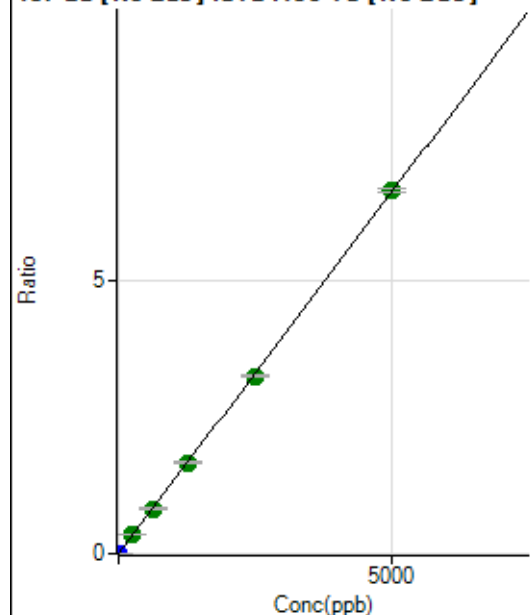
$$R = 1.0000$$

$$DL = 0.01149$$

$$BEC = 0.02051$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	296.67	0.0000	P	7.3
2	☐	10.000	10.412	148199.34	0.0138	P	0.8
3	☐	250.000	254.244	3598200.26	0.3374	A	0.8
4	☐	625.000	622.448	8786662.16	0.8259	A	0.9
5	☐	1250.000	1256.366	17458192.52	1.6670	A	1.5
6	☐	2500.000	2457.234	33910113.11	3.2603	A	1.7
7	☐	5000.000	5019.897	67161004.00	6.6604	A	1.1
8	☐			25181.23	0.0027	P	2.3

$$y = 0.0013 * x + 2.8256E-005$$

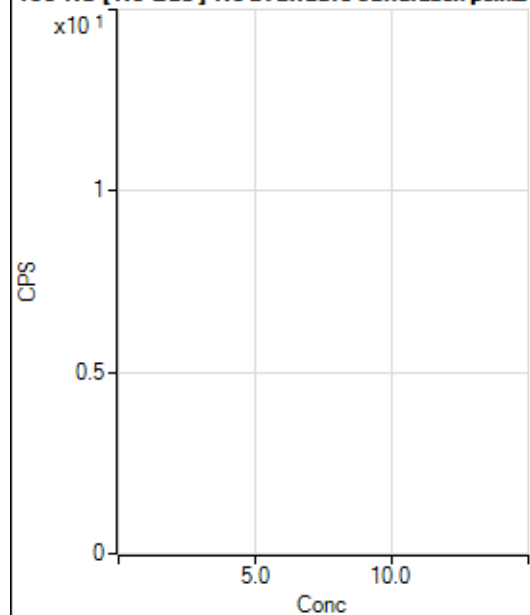
$$R = 0.9999$$

$$DL = 0.004645$$

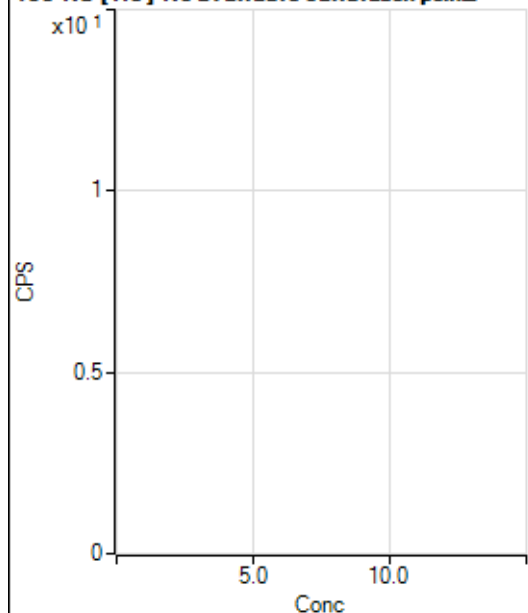
$$BEC = 0.0213$$

Weight: <None>

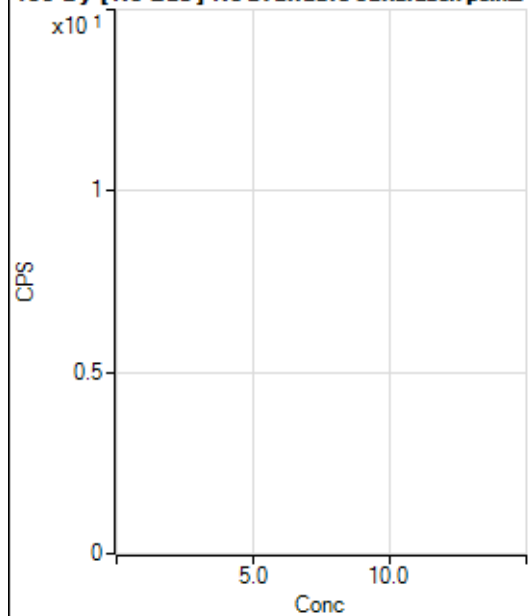
Min Conc: 0

150 Nd [No Gas] No available calibration points

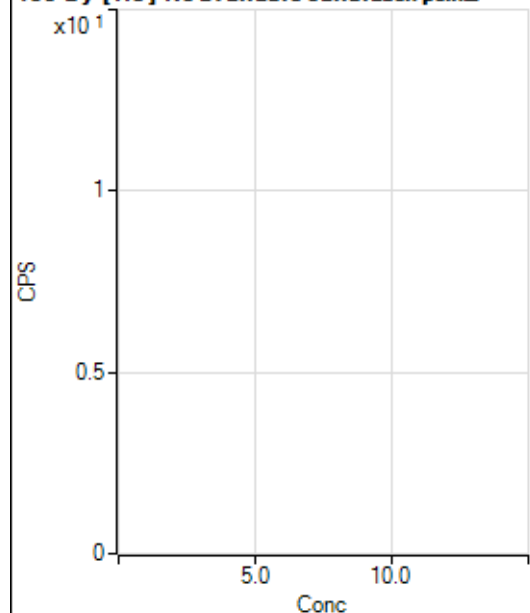
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			13.33		P	86.6
2	☐			24.45		P	43.8
3	☐			151.11		P	12.7
4	☐			344.45		P	18.5
5	☐			708.92		P	3.3
6	☐			1425.65		P	2.6
7	☐			2793.65		P	3.1
8	☐			567.80		P	7.9

150 Nd [He] No available calibration points

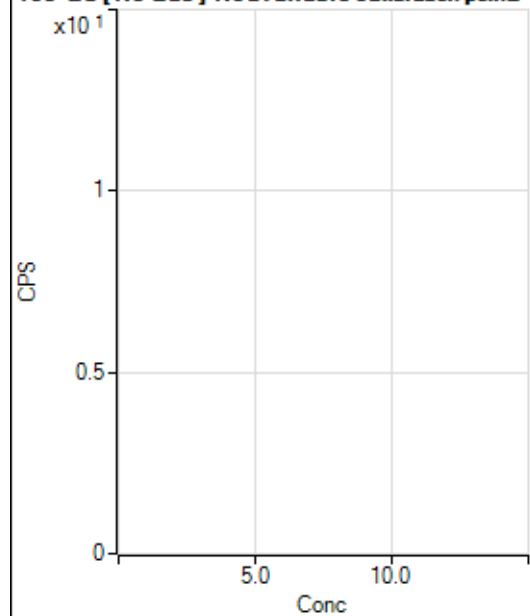
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			0.00		P	
2	☐			1.11		P	173.
3	☐			8.89		P	94.4
4	☐			18.89		P	53.9
5	☐			25.56		P	45.8
6	☐			77.78		P	31.6
7	☐			106.67		P	22.5
8	☐			154.45		P	14.4

156 Dy [No Gas] No available calibration points

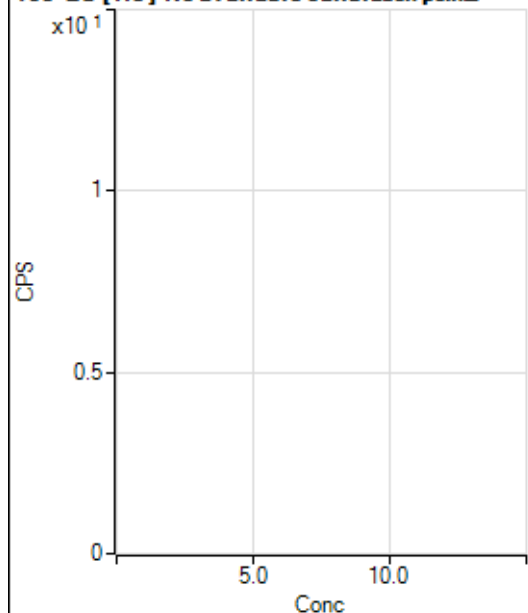
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			15.56		P	49.5
2	☐			23.34		P	24.7
3	☐			54.44		P	15.4
4	☐			88.89		P	5.7
5	☐			174.45		P	8.6
6	☐			400.01		P	16.6
7	☐			724.47		P	2.3
8	☐			1045.61		P	1.1

156 Dy [He] No available calibration points

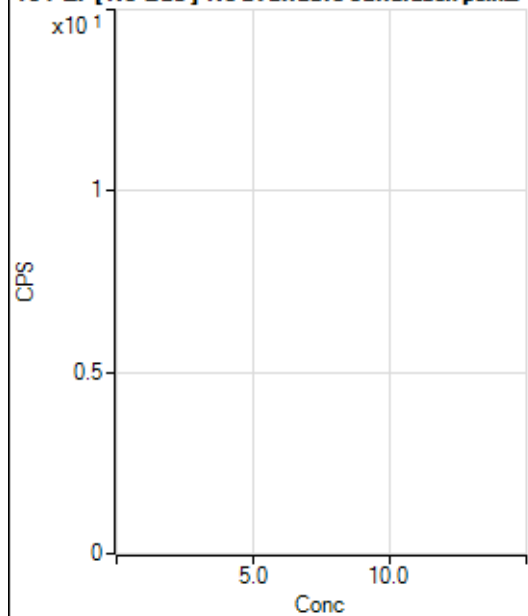
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			4.44		P	43.4
2	☐			13.33		P	50.0
3	☐			8.89		P	78.1
4	☐			26.67		P	21.7
5	☐			42.22		P	31.9
6	☐			45.56		P	11.2
7	☐			114.45		P	1.7
8	☐			334.45		P	3.2

160 Gd [No Gas] Noavailable calibration poin_

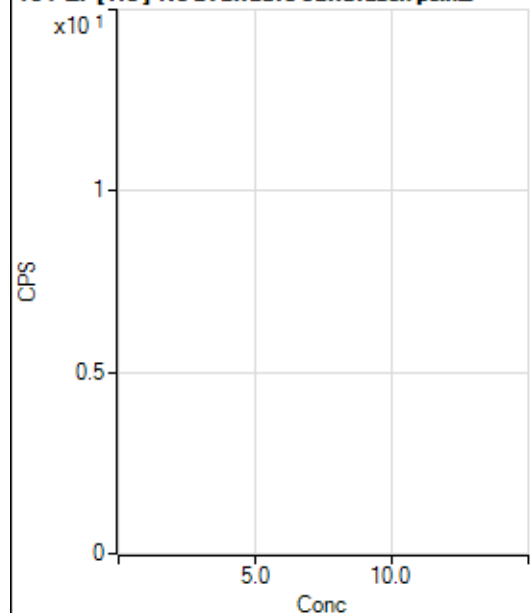
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			70.00		P	21.8
2	☐			126.67		P	7.0
3	☐			124.45		P	12.1
4	☐			112.23		P	13.4
5	☐			157.78		P	19.2
6	☐			202.23		P	15.3
7	☐			396.68		P	13.2
8	☐			931.15		P	7.9

160 Gd [He] No available calibration points

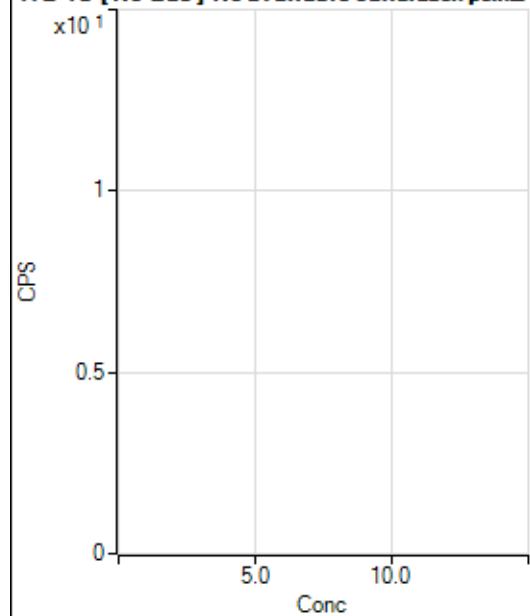
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			11.11		P	45.8
2	☐			15.56		P	53.9
3	☐			34.44		P	34.0
4	☐			30.00		P	19.2
5	☐			33.33		P	20.0
6	☐			66.67		P	5.0
7	☐			125.56		P	10.1
8	☐			432.23		P	9.8

164 Er [No Gas] No available calibration points

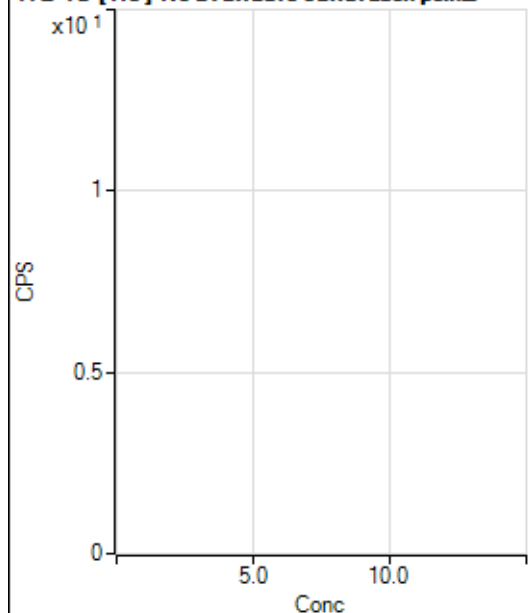
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			73.33		P	27.6
2	☐			53.33		P	33.1
3	☐			80.00		P	26.0
4	☐			145.56		P	4.8
5	☐			160.00		P	22.5
6	☐			267.78		P	4.4
7	☐			433.34		P	2.3
8	☐			1234.51		P	8.1

164 Er [He] No available calibration points

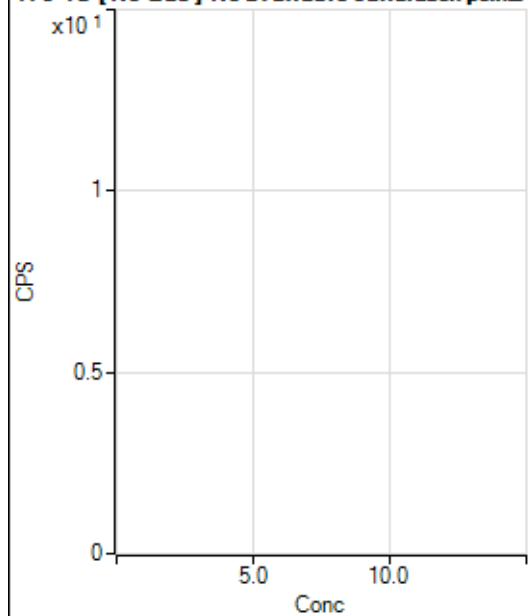
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			21.11		P	39.7
2	☐			25.55		P	41.9
3	☐			28.89		P	17.6
4	☐			51.11		P	26.4
5	☐			55.55		P	12.5
6	☐			74.45		P	18.1
7	☐			107.78		P	15.6
8	☐			413.34		P	8.4

172 Yb [No Gas] No available calibration points

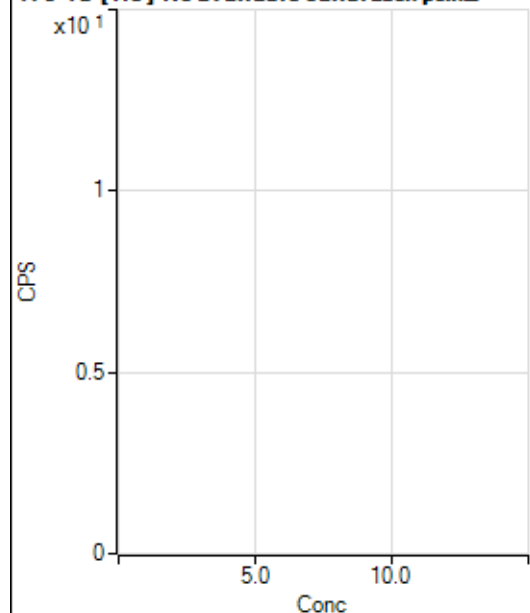
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			60.00		P	5.5
2	☐			71.11		P	24.1
3	☐			98.89		P	9.7
4	☐			122.22		P	18.6
5	☐			184.45		P	11.8
6	☐			323.34		P	10.9
7	☐			485.57		P	11.6
8	☐			1814.59		P	4.1

172 Yb [He] No available calibration points

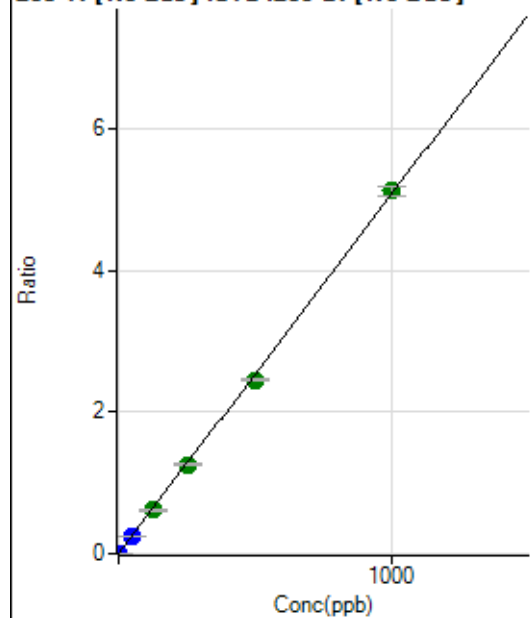
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			24.45		P	28.4
2	☐			16.67		P	34.6
3	☐			32.22		P	23.9
4	☐			44.44		P	4.3
5	☐			66.66		P	52.7
6	☐			114.45		P	19.4
7	☐			218.89		P	5.8
8	☐			844.48		P	4.9

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1264.52		P	3.0
2	☐			1385.65		P	3.1
3	☐			8331.60		P	3.6
4	☐			18855.79		P	1.4
5	☐			35842.99		P	0.5
6	☐			68909.59		P	0.6
7	☐			135016.66		P	0.5
8	☐			2328.01		P	0.9

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			336.67		P	11.2
2	☐			353.34		P	14.8
3	☐			2784.77		P	7.1
4	☐			6593.93		P	5.1
5	☐			12856.36		P	0.8
6	☐			25261.94		P	1.8
7	☐			49796.76		P	0.7
8	☐			807.81		P	3.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	296.68	0.0000	P	15.2
2	☐	1.000	0.963	31062.76	0.0049	P	1.6
3	☐	50.000	46.090	1464457.05	0.2339	P	0.5
4	☐	125.000	120.531	3824089.52	0.6116	A	0.7
5	☐	250.000	248.572	7550664.33	1.2612	A	0.3
6	☐	500.000	483.366	14441093.25	2.4525	A	0.9
7	☐	1000.000	1009.428	28280022.08	5.1216	A	2.8
8	☐			2116.87	0.0004	P	7.1

$$y = 0.0051 * x + 4.7374E-005$$

$$R = 0.9998$$

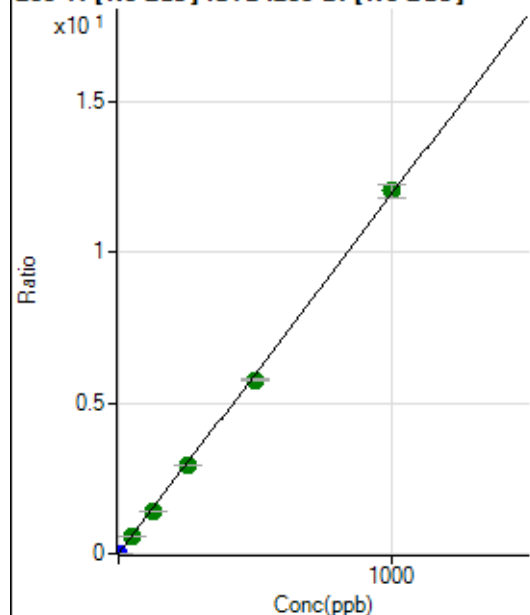
$$DL = 0.004258$$

$$BEC = 0.009337$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	684.47	0.0001	P	2.8
2	☐	1.000	0.972	73684.44	0.0117	P	2.7
3	☐	50.000	48.130	3597139.46	0.5745	A	0.7
4	☐	125.000	118.817	8866819.73	1.4181	A	0.2
5	☐	250.000	247.270	17667768.62	2.9511	A	0.6
6	☐	500.000	483.878	34004183.94	5.7748	A	0.7
7	☐	1000.000	1009.610	66525828.45	12.0489	A	3.5
8	☐			5194.46	0.0011	P	8.4

$$y = 0.0119 * x + 1.0927E-004$$

$$R = 0.9998$$

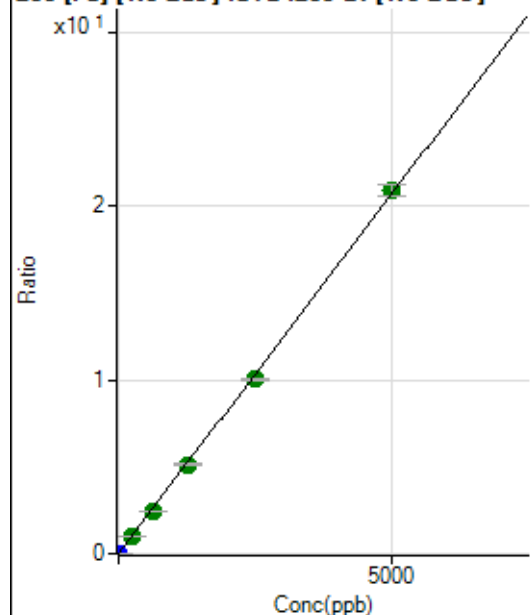
$$DL = 0.0007593$$

$$BEC = 0.009156$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1463.44	0.0002	P	5.7
2	☐	1.000	0.987	27203.00	0.0043	P	2.1
3	☐	250.000	239.977	6226201.99	0.9944	A	0.5
4	☐	625.000	597.852	15487541.99	2.4770	A	0.4
5	☐	1250.000	1239.805	30751384.54	5.1364	A	0.7
6	☐	2500.000	2420.959	59056849.68	10.0296	A	0.7
7	☐	5000.000	5045.964	115422448.28	20.9044	A	3.3
8	☐			111710.70	0.0231	P	1.1

$$y = 0.0041 * x + 2.3364E-004$$

$$R = 0.9998$$

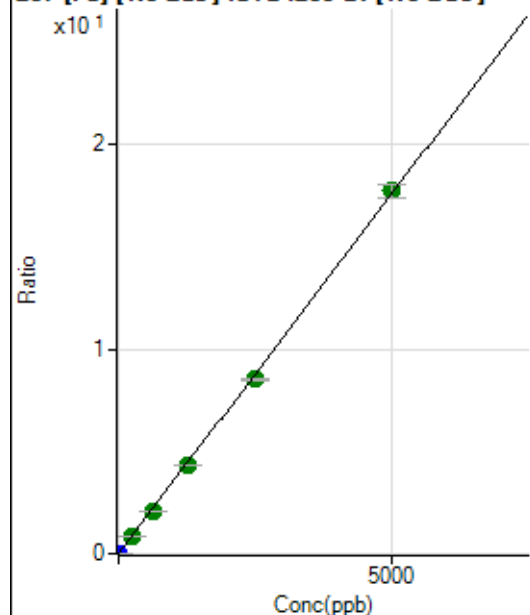
$$DL = 0.009634$$

$$BEC = 0.0564$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1196.73	0.0002	P	5.4
2	☐	1.000	0.998	23282.07	0.0037	P	1.0
3	☐	250.000	238.995	5263214.75	0.8406	A	0.4
4	☐	625.000	599.232	13176470.64	2.1074	A	0.5
5	☐	1250.000	1237.645	26053541.83	4.3523	A	0.8
6	☐	2500.000	2421.786	50146552.03	8.5163	A	0.2
7	☐	5000.000	5045.967	97971697.43	17.7441	A	3.5
8	☐			96039.04	0.0199	P	0.9

$$y = 0.0035 * x + 1.9103E-004$$

$$R = 0.9998$$

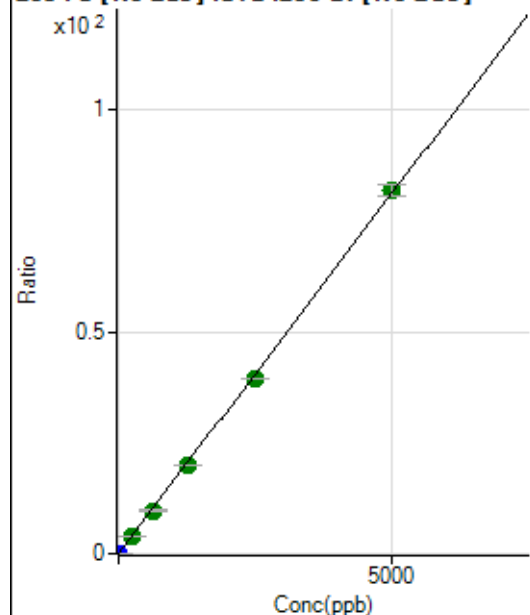
$$DL = 0.008774$$

$$BEC = 0.05433$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	5741.68	0.0009	P	3.8
2	☐	1.000	0.999	107804.69	0.0171	P	1.3
3	☐	250.000	239.381	24331685.44	3.8861	A	0.7
4	☐	625.000	601.313	61026644.09	9.7602	A	0.5
5	☐	1250.000	1237.805	120275900.99	20.0905	A	0.2
6	☐	2500.000	2427.634	232011019.88	39.4015	A	0.2
7	☐	5000.000	5042.724	451911979.93	81.8445	A	3.1
8	☐			439747.32	0.0911	P	0.7

$$y = 0.0162 * x + 9.1663E-004$$

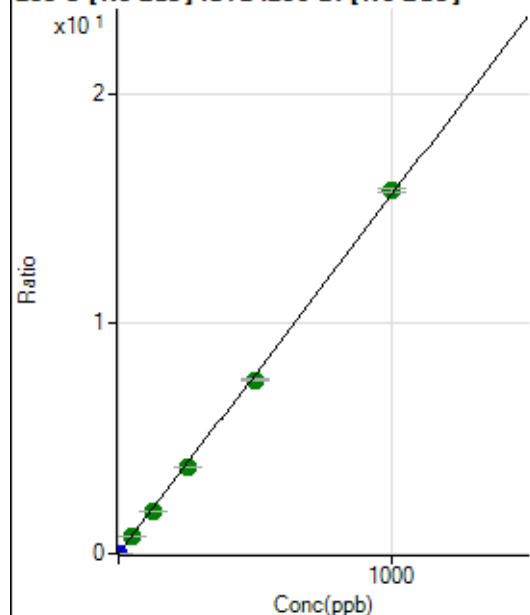
$$R = 0.9998$$

$$DL = 0.006451$$

$$BEC = 0.05648$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	446.68	0.0001	P	1.0
2	☐	1.000	0.949	93494.10	0.0149	P	0.8
3	☐	50.000	46.765	4562020.07	0.7286	A	1.2
4	☐	125.000	117.212	11418052.33	1.8261	A	0.6
5	☐	250.000	241.091	22483641.61	3.7561	A	1.3
6	☐	500.000	483.586	44363935.45	7.5339	A	1.3
7	☐	1000.000	1011.570	87038409.81	15.7594	A	1.1
8	☐			4100.71	0.0008	P	14.3

$$y = 0.0156 * x + 7.1306E-005$$

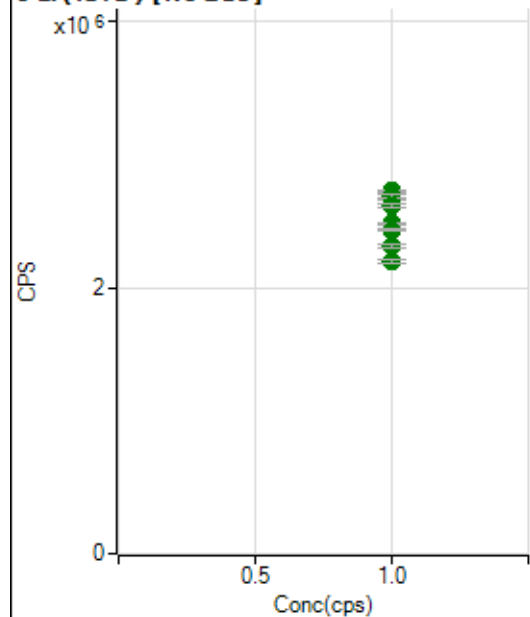
$$R = 0.9997$$

$$DL = 0.0001408$$

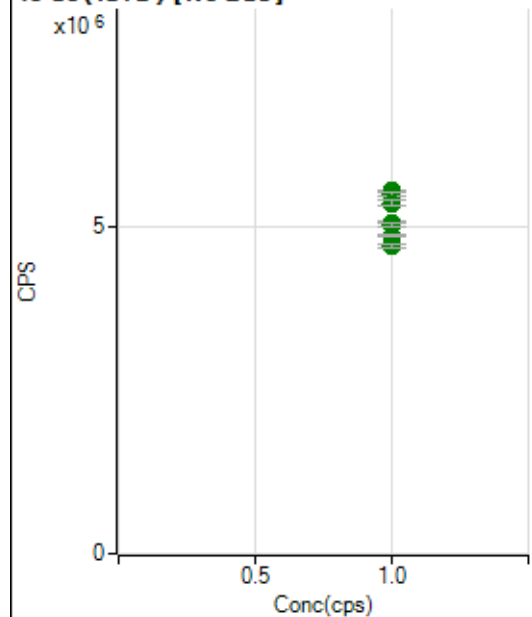
$$BEC = 0.004577$$

Weight: <None>

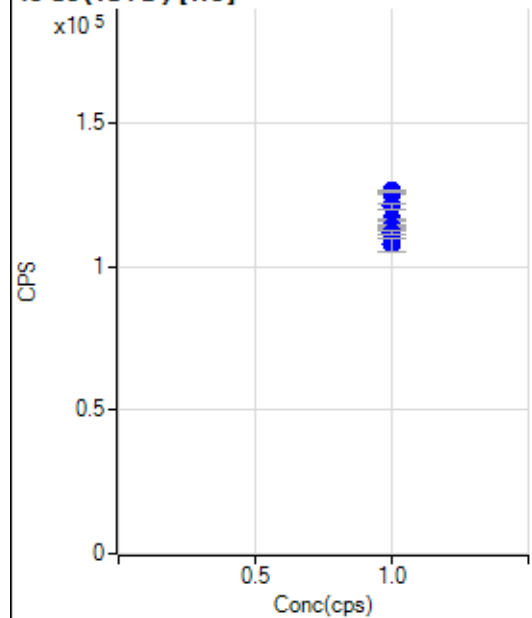
Min Conc: 0

6 Li (ISTD) [No Gas]

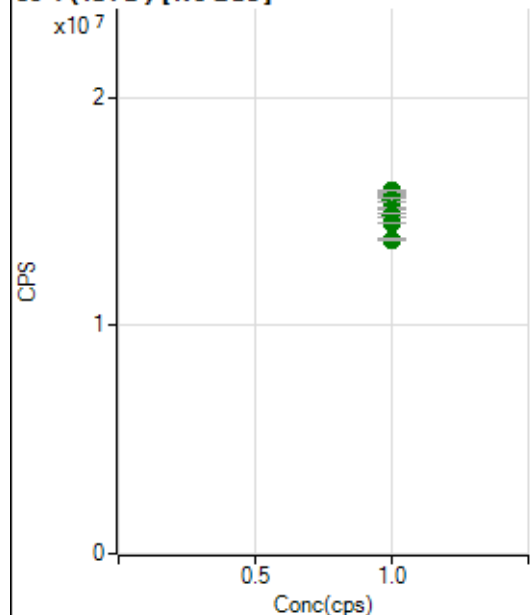
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2666234.59		A	0.7
2	☐	1.000		2729078.74		A	0.9
3	☐	1.000		2690628.03		A	1.4
4	☐	1.000		2615461.92		A	1.3
5	☐	1.000		2480957.31		A	1.0
6	☐	1.000		2435623.96		A	0.9
7	☐	1.000		2312352.68		A	1.2
8	☐	1.000		2196231.80		A	0.9

45 Sc (ISTD) [No Gas]

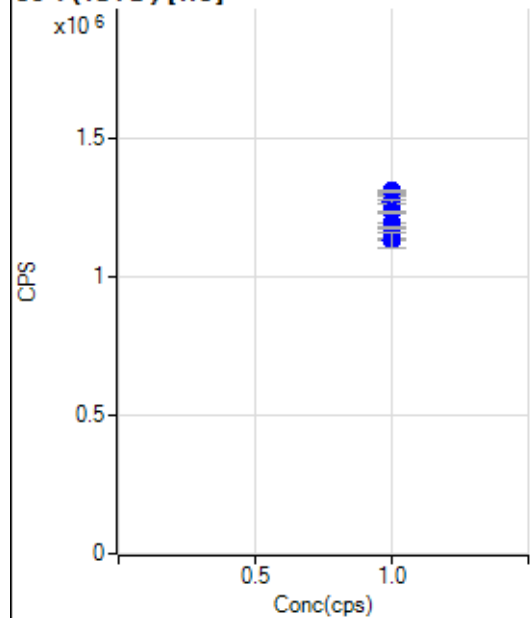
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		5519365.20		A	1.3
2	☐	1.000		5549525.82		A	0.6
3	☐	1.000		5509877.83		A	1.0
4	☐	1.000		5362265.34		A	1.9
5	☐	1.000		5071629.89		A	0.8
6	☐	1.000		5029670.79		A	1.5
7	☐	1.000		4862362.98		A	0.5
8	☐	1.000		4713726.04		A	1.1

45 Sc (ISTD) [He]

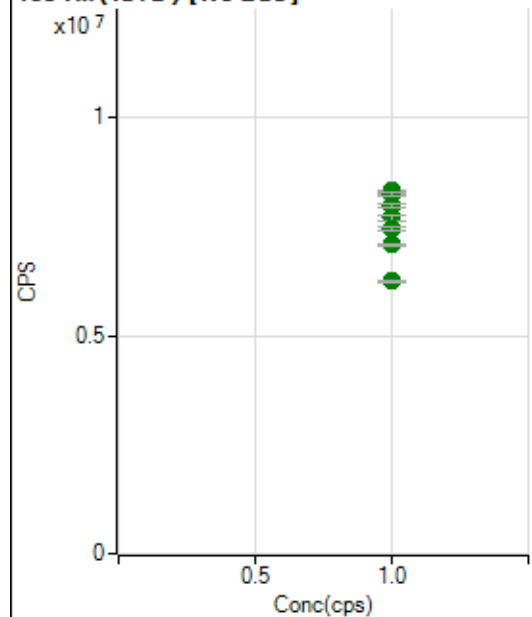
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		125528.90		P	0.7
2	☐	1.000		126530.62		P	0.4
3	☐	1.000		121303.58		P	1.6
4	☐	1.000		116568.78		P	0.6
5	☐	1.000		113194.50		P	0.8
6	☐	1.000		114127.48		P	0.6
7	☐	1.000		112060.17		P	0.9
8	☐	1.000		107743.99		P	4.3

89 Y (ISTD) [No Gas]

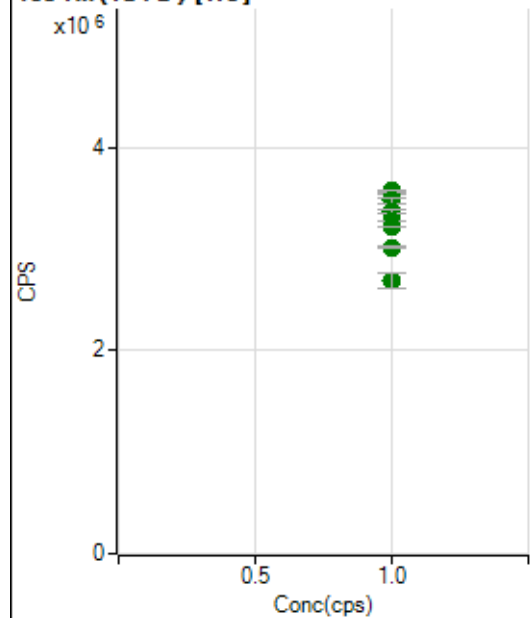
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		15729597.26		A	0.6
2	☐	1.000		15914993.37		A	0.2
3	☐	1.000		15892110.32		A	0.2
4	☐	1.000		15528241.99		A	1.0
5	☐	1.000		15123447.97		A	0.4
6	☐	1.000		14858261.59		A	0.8
7	☐	1.000		14491849.65		A	0.3
8	☐	1.000		13774529.65		A	0.7

89 Y (ISTD) [He]

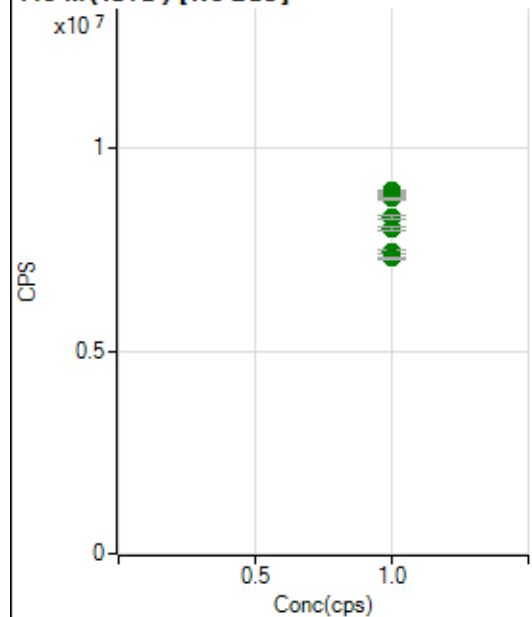
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1292855.86		P	0.6
2	☐	1.000		1308289.12		P	0.3
3	☐	1.000		1270460.54		P	0.9
4	☐	1.000		1232214.67		P	0.4
5	☐	1.000		1193883.51		P	0.3
6	☐	1.000		1177306.14		P	0.7
7	☐	1.000		1134288.78		P	0.8
8	☐	1.000		1130275.83		P	4.6

103 Rh (ISTD) [No Gas]

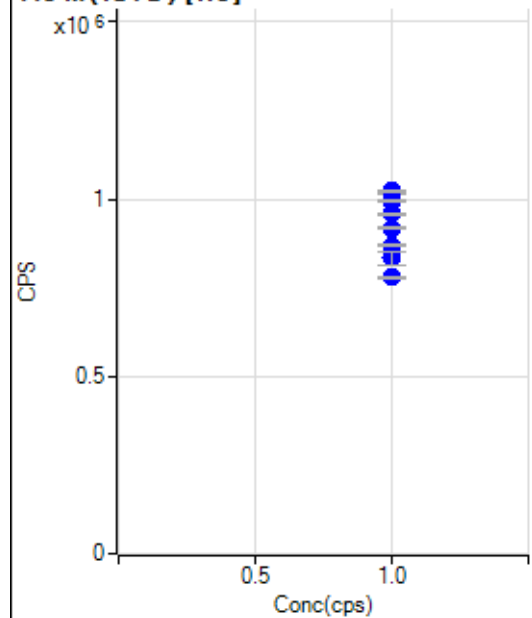
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		8291484.60		A	1.0
2	☐	1.000		8317605.43		A	0.5
3	☐	1.000		8242979.81		A	0.8
4	☐	1.000		7987287.45		A	0.8
5	☐	1.000		7696744.40		A	1.7
6	☐	1.000		7446787.32		A	1.0
7	☐	1.000		7083813.92		A	0.5
8	☐	1.000		6251542.47		A	0.5

103 Rh (ISTD) [He]

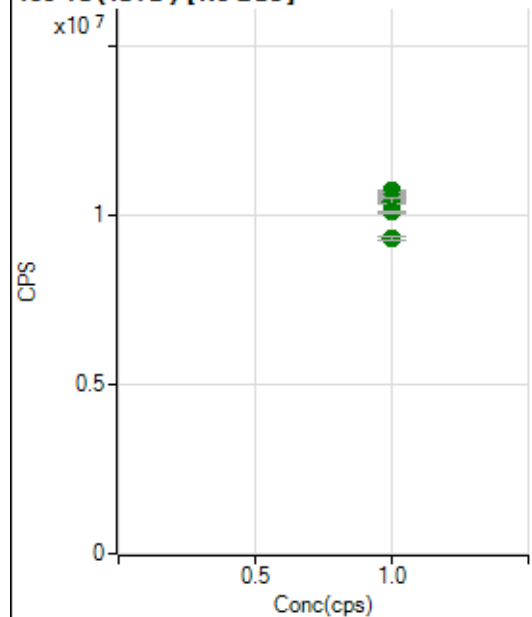
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3551412.45		A	0.8
2	☐	1.000		3568337.65		A	0.7
3	☐	1.000		3470870.40		A	1.3
4	☐	1.000		3372942.17		A	1.1
5	☐	1.000		3275247.35		A	0.3
6	☐	1.000		3215697.00		A	0.5
7	☐	1.000		3015814.96		A	0.3
8	☐	1.000		2684434.34		A	5.2

115 In (ISTD) [No Gas]

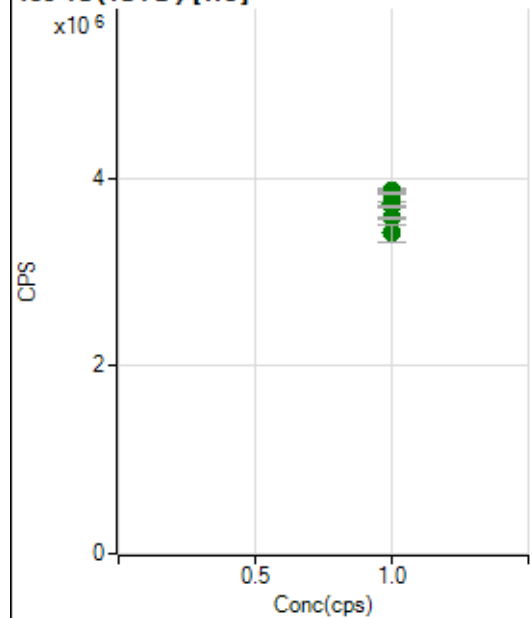
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		8863445.86		A	0.9
2	☐	1.000		8954272.81		A	0.2
3	☐	1.000		8877170.19		A	0.4
4	☐	1.000		8758063.61		A	1.0
5	☐	1.000		8305630.50		A	1.0
6	☐	1.000		8013462.05		A	1.2
7	☐	1.000		7457095.65		A	0.8
8	☐	1.000		7288880.24		A	0.7

115 In (ISTD) [He]

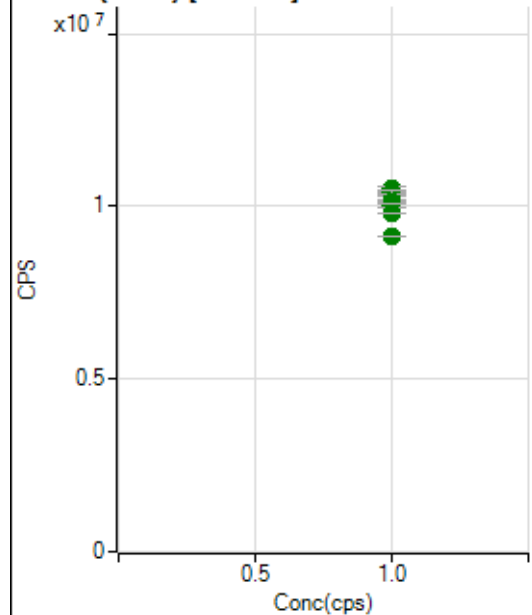
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1015506.64		P	0.5
2	☐	1.000		1022801.31		P	0.3
3	☐	1.000		994265.79		P	0.5
4	☐	1.000		957204.17		P	0.3
5	☐	1.000		917976.31		P	0.2
6	☐	1.000		869450.87		P	0.3
7	☐	1.000		779006.95		P	0.5
8	☐	1.000		833852.58		P	4.8

159 Tb (ISTD) [No Gas]

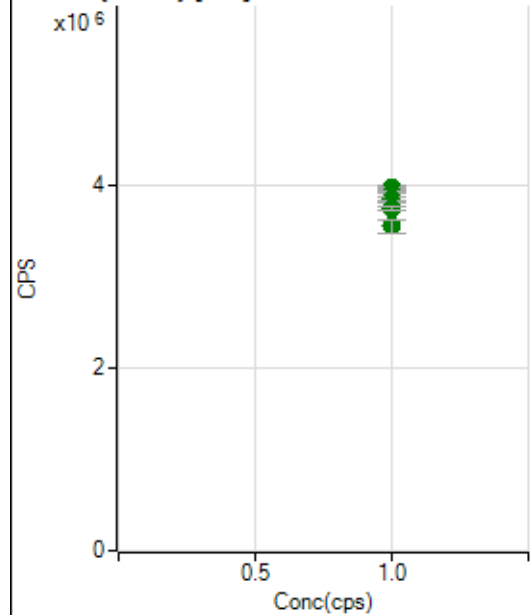
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		10502004.50		A	1.0
2	☐	1.000		10705831.51		A	0.8
3	☐	1.000		10665734.49		A	0.1
4	☐	1.000		10639315.40		A	0.6
5	☐	1.000		10474346.44		A	1.3
6	☐	1.000		10402958.80		A	1.7
7	☐	1.000		10084057.07		A	0.7
8	☐	1.000		9305618.26		A	1.0

159 Tb (ISTD) [He]

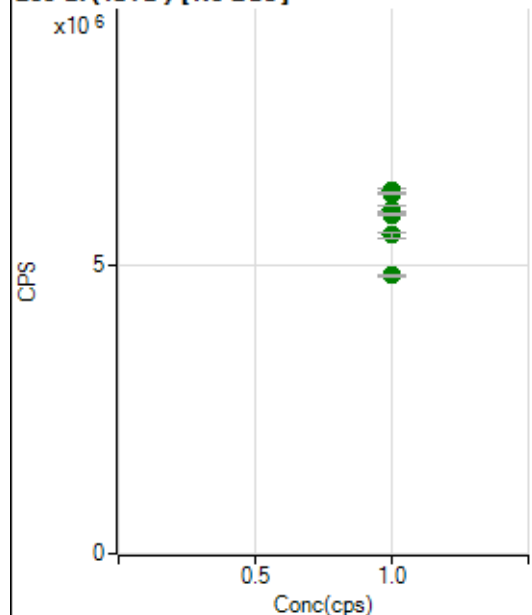
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3867059.08		A	1.3
2	☐	1.000		3865441.02		A	1.2
3	☐	1.000		3850014.84		A	1.0
4	☐	1.000		3836419.70		A	0.6
5	☐	1.000		3723272.52		A	1.0
6	☐	1.000		3700729.53		A	0.6
7	☐	1.000		3578384.98		A	0.2
8	☐	1.000		3412834.05		A	5.9

165 Ho (ISTD) [No Gas]

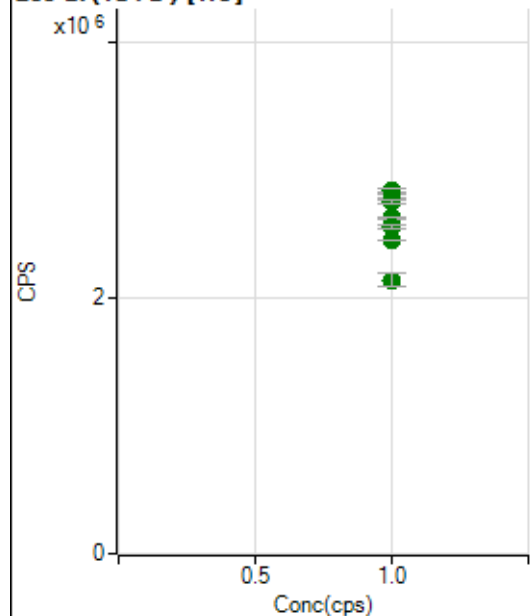
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		10173047.91		A	0.2
2	☐	1.000		10352643.94		A	1.1
3	☐	1.000		10509821.03		A	1.9
4	☐	1.000		10404283.25		A	0.9
5	☐	1.000		10113492.90		A	0.8
6	☐	1.000		10008904.09		A	1.3
7	☐	1.000		9805022.29		A	0.5
8	☐	1.000		9125887.37		A	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3964432.09		A	0.8
2	☐	1.000		3951428.03		A	2.1
3	☐	1.000		3962166.26		A	0.4
4	☐	1.000		3915814.80		A	0.6
5	☐	1.000		3843874.04		A	0.8
6	☐	1.000		3807657.34		A	0.6
7	☐	1.000		3735482.62		A	1.1
8	☐	1.000		3541869.39		A	4.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		6264399.42		A	0.3
2	☐	1.000		6294361.36		A	1.2
3	☐	1.000		6261337.48		A	0.6
4	☐	1.000		6252646.64		A	0.5
5	☐	1.000		5986585.74		A	1.4
6	☐	1.000		5888374.29		A	0.7
7	☐	1.000		5523372.07		A	1.6
8	☐	1.000		4825596.94		A	0.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2812979.23		A	0.3
2	☐	1.000		2834510.65		A	1.3
3	☐	1.000		2779239.96		A	0.2
4	☐	1.000		2746624.75		A	1.4
5	☐	1.000		2628425.10		A	0.5
6	☐	1.000		2558584.09		A	1.0
7	☐	1.000		2449295.03		A	0.5
8	☐	1.000		2138536.23		A	4.7

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8041725 MS.b

Acq. Date-Time 2025-04-17 14:50:38

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		70517	705169.23			1.029	5.000
24		352718	3527182.77			0.809	5.000
25		49744	497437.75			0.783	5.000
26		56535	565347.32			0.852	5.000
59		341419	3414188.34			1.394	5.000
113		42373	423730.13			0.583	5.000
115		548205	5482051.78			1.586	5.000
206		124700	1247001.70			0.731	5.000
207		106440	1064397.76			1.061	5.000
208		261419	2614189.78			1.042	5.000
220		1	5.30			12.657	

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

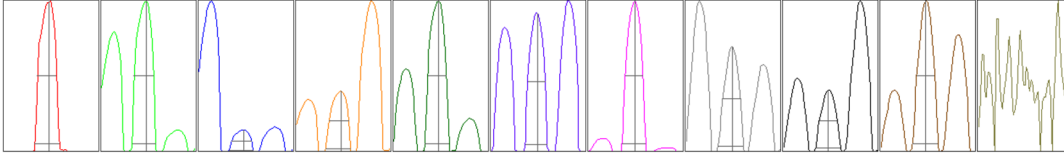
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	71701	70447	69777	70127	70533
24	357283	349632	352627	351225	352826
25	50414	49645	49566	49408	49686
26	57382	56467	56228	56306	56292
59	347612	345004	336378	340234	337867
113	42796	42273	42222	42382	42192
115	563067	543390	546478	547267	540823
206	125163	124740	125260	125225	123113
207	108291	106523	106142	105274	105969
208	266278	260438	260300	259876	260203

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	122852.05	8.95	8.90 - 9.10	
24	605362.17	23.95	23.90 - 24.10	
25	82467.06	24.95	24.90 - 25.10	
26	95785.43	25.95	25.90 - 26.10	
59	605314.69	58.95	58.90 - 59.10	
113	81222.66	113.00	112.90 - 113.10	
115	1047201.64	115.00	114.90 - 115.10	
206	234898.73	206.00	205.90 - 206.10	
207	195654.68	206.95	206.90 - 207.10	
208	485098.87	207.95	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.61	0.777	0.900	
24	0.63	0.741	0.900	
25	0.64	0.763	0.900	
26	0.63	0.784	0.900	
59	0.60	0.778	0.900	
113	0.55	0.693	0.900	
115	0.55	0.762	0.900	
206	0.55	0.806	0.900	
207	0.56	0.791	0.900	
208	0.57	0.815	0.900	
220				

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	8.9 V	Deflect	13.6 V
Extract 2	-235.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-95 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	160 V		

QP Parameters

Mass Gain	104	Axis Gain	0.9967	QP Bias	-4.0 V
Mass Offset	126	Axis Offset	-0.03		

Hardware Settings

Torch

Torch H	0.6 mm	Torch V	-0.2 mm
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EM

Discriminator	4.5 mV	Analog HV	2203 V	Pulse HV	949 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		68351	683512.92			0.448	
89		61340	613395.40			0.356	
205		76782	767823.81			0.527	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	68745	68368	68346	68411	67887
89	61670	61305	61418	61197	61108
205	77156	77149	76395	76896	76316

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	8.9 V	Deflect	2.2 V
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US EPA Tune Check Report

Extract 2	-235.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-95 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	104	Axis Gain	0.9967	QP Bias	-13.0 V
Mass Offset	126	Axis Offset	-0.03		
Hardware Settings					
Torch					
Torch H	0.6 mm	Torch V	-0.2 mm		
EM					
Discriminator	4.5 mV	Analog HV	2203 V	Pulse HV	949 V

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:25:19	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.05	0.26	-0.30	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	0.00	-0.01	0.01	0.00	N/A	ppb
Cadmium	106-1	0.12	-0.03	-0.09	0.00	N/A	ppb
Cadmium	111-1	0.01	0.00	0.00	0.00	N/A	ppb
Calcium	43-1	0.90	-0.45	-0.45	0.00	N/A	ppb
Calcium	44-1	-0.10	-0.01	0.11	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	0.00	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	-0.01	0.00	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	0.10	-0.13	0.03	0.00	N/A	ppb
Iron	56-2	-0.03	0.00	0.04	0.00	N/A	ppb
Iron	57-2	0.08	0.29	-0.37	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 :	LB135477	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:25:19	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	-0.01	-0.06	0.00	N/A	ppb
Manganese	55-2	0.00	-0.02	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	-0.01	0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	-20.96	-12.91	-22.68	-18.85		ppb
Potassium	39-2	0.96	-1.31	0.35	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.04	-0.13	0.17	0.00	N/A	ppb
Selenium	77-2	0.21	-0.11	-0.11	0.00	N/A	ppb
Selenium	78-2	0.03	0.31	-0.34	0.00	N/A	ppb
Silicon	28-1	-0.18	0.00	0.18	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	0.66	-0.66	0.01	0.00	N/A	ppb
Strontium	86-1	0.00	0.00	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-138.78	-25.68	-33.95	-66.14		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	-0.02	0.03	0.00	N/A	ppb
Titanium	47-1	0.00	0.00	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:25:19	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.04	0.01	0.03	0.00	N/A	ppb
Zirconium	90-1	0.01	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 :	LB135477	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:32:05	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.02	41.97	37.73	39.57	5.50	ppb
Antimony	121-1	2.08	2.10	2.08	2.09	0.74	ppb
Arsenic	75-2	1.16	1.24	1.15	1.18	4.44	ppb
Barium	135-1	10.15	10.52	10.33	10.33	1.76	ppb
Barium	137-1	10.32	10.48	10.43	10.41	0.79	ppb
Beryllium	9-1	1.15	1.13	1.15	1.15	0.98	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	1.21	1.11	1.26	1.19	6.22	ppb
Cadmium	106-1	0.55	0.74	0.84	0.71	20.59	ppb
Cadmium	111-1	1.07	1.09	1.06	1.08	1.25	ppb
Calcium	43-1	540.40	543.04	556.14	546.52	1.54	ppb
Calcium	44-1	540.30	548.31	548.86	545.82	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.21	2.14	2.13	2.16	2.02	ppb
Cobalt	59-2	1.19	1.14	1.13	1.16	2.84	ppb
Copper	63-2	2.31	2.33	2.32	2.32	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	60.19	62.11	60.24	60.84	1.80	ppb
Iron	56-2	58.51	58.97	58.08	58.52	0.77	ppb
Iron	57-2	59.08	59.52	58.55	59.05	0.82	ppb
Krypton	83-1						cps
Lead	206-1	1.01	0.96	0.99	0.99	2.17	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:32:05	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.99	0.99	1.01	1.00	1.02	ppb
Lead	208-1	1.01	0.98	1.01	1.00	1.36	ppb
Lithium	6-1				102		%
Magnesium	24-2	560.22	557.19	549.91	555.77	0.95	ppb
Manganese	55-2	1.27	1.34	1.24	1.28	3.84	ppb
Molybdenum	94-1	5.94	6.06	5.98	5.99	1.03	ppb
Molybdenum	95-1	5.18	5.01	5.13	5.11	1.72	ppb
Molybdenum	96-1	5.18	5.17	5.12	5.16	0.56	ppb
Molybdenum	97-1	5.18	5.10	5.08	5.12	1.04	ppb
Molybdenum	98-1	5.06	5.10	5.09	5.08	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.14	1.07	1.10	3.50	ppb
Phosphorus	31-2	18.54	19.92	18.09	18.85	5.07	ppb
Potassium	39-2	516.24	515.15	500.97	510.78	1.67	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	5.76	5.39	6.05	5.73	5.74	ppb
Selenium	77-2	9.23	7.10	5.83	7.39	23.25	ppb
Selenium	78-2	6.22	5.62	4.67	5.50	14.20	ppb
Silicon	28-1	4.06	4.08	4.61	4.25	7.25	ppb
Silver	107-1	1.06	1.08	1.08	1.07	1.14	ppb
Silver	109-1	1.04	1.09	1.07	1.07	2.17	ppb
Sodium	23-2	552.90	552.14	547.57	550.87	0.52	ppb
Strontium	86-1	1.04	1.02	1.00	1.02	2.08	ppb
Strontium	88-1	1.04	1.04	1.05	1.04	0.83	ppb
Sulfur	34-1	18.86	99.99	79.56	66.14	63.80	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.98	0.95	0.96	0.96	1.59	ppb
Thallium	205-1	1.00	0.94	0.97	0.97	2.77	ppb
Tin	118-1	5.19	5.29	5.18	5.22	1.18	ppb
Titanium	47-1	5.24	5.30	5.18	5.24	1.15	ppb
Uranium	238-1	0.95	0.94	0.96	0.95	0.77	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:32:05	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.57	5.36	5.28	5.40	2.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	5.95	5.66	5.83	5.81	2.48	ppb
Zirconium	90-1	1.01	1.01	1.00	1.01	0.36	ppb
Zirconium	91-1	1.04	1.01	1.02	1.02	1.83	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:35:27	DataFile Name :	007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1006.15	981.45	1011.06	999.56	1.59	ppb
Antimony	121-1	52.61	52.18	51.67	52.15	0.90	ppb
Arsenic	75-2	49.99	50.86	51.30	50.72	1.31	ppb
Barium	135-1	261.18	257.45	255.18	257.94	1.18	ppb
Barium	137-1	253.91	256.31	252.51	254.24	0.76	ppb
Beryllium	9-1	53.26	54.00	54.37	53.88	1.05	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	51.27	53.11	52.10	52.16	1.77	ppb
Cadmium	106-1	52.14	52.43	52.46	52.34	0.35	ppb
Cadmium	111-1	51.09	51.02	51.69	51.27	0.73	ppb
Calcium	43-1	5133.05	5108.60	5088.55	5110.07	0.44	ppb
Calcium	44-1	5117.90	5083.05	5125.68	5108.87	0.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.73	50.43	51.39	51.18	1.31	ppb
Cobalt	59-2	52.02	51.76	52.51	52.10	0.73	ppb
Copper	63-2	557.25	539.40	557.92	551.52	1.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	54-2	2700.93	2655.30	2739.39	2698.54	1.56	ppb
Iron	56-2	2702.75	2664.40	2728.08	2698.41	1.19	ppb
Iron	57-2	2609.74	2601.62	2634.75	2615.37	0.66	ppb
Krypton	83-1						cps
Lead	206-1	239.65	241.28	238.99	239.98	0.49	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:35:27	DataFile Name :	007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	237.93	239.91	239.15	238.99	0.42	ppb
Lead	208-1	238.72	241.18	238.24	239.38	0.66	ppb
Lithium	6-1				101		%
Magnesium	24-2	5248.40	5169.20	5332.04	5249.88	1.55	ppb
Manganese	55-2	537.06	522.34	538.78	532.73	1.70	ppb
Molybdenum	94-1	487.39	492.43	491.33	490.38	0.54	ppb
Molybdenum	95-1	497.41	494.45	496.90	496.25	0.32	ppb
Molybdenum	96-1	489.24	490.11	495.22	491.52	0.66	ppb
Molybdenum	97-1	499.13	492.60	499.68	497.13	0.79	ppb
Molybdenum	98-1	493.29	486.18	492.94	490.80	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.18	51.27	51.93	51.46	0.80	ppb
Phosphorus	31-2	1052.04	1071.19	1152.48	1091.90	4.88	ppb
Potassium	39-2	2438.81	2419.23	2461.83	2439.96	0.87	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	51.90	51.93	52.92	52.25	1.12	ppb
Selenium	77-2	64.89	57.55	53.72	58.72	9.67	ppb
Selenium	78-2	48.28	53.04	56.77	52.69	8.08	ppb
Silicon	28-1	58.35	58.32	60.36	59.01	1.98	ppb
Silver	107-1	54.86	54.52	54.98	54.79	0.43	ppb
Silver	109-1	54.16	54.55	53.96	54.22	0.56	ppb
Sodium	23-2	5218.43	5112.90	5235.29	5188.87	1.28	ppb
Strontium	86-1	47.65	48.16	47.82	47.88	0.53	ppb
Strontium	88-1	49.24	49.62	49.26	49.37	0.44	ppb
Sulfur	34-1	1358.85	1258.00	1328.89	1315.25	3.94	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	45.85	46.32	46.10	46.09	0.51	ppb
Thallium	205-1	48.38	48.29	47.72	48.13	0.75	ppb
Tin	118-1	49.92	50.42	49.69	50.01	0.74	ppb
Titanium	47-1	502.51	488.03	507.28	499.27	2.01	ppb
Uranium	238-1	46.36	47.43	46.50	46.77	1.25	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:35:27	DataFile Name :	007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	51.23	50.31	51.48	51.01	1.20	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	527.02	519.64	532.76	526.47	1.25	ppb
Zirconium	90-1	48.80	49.83	49.33	49.32	1.04	ppb
Zirconium	91-1	46.93	47.54	47.10	47.19	0.67	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:39:59	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2435.58	2461.94	2475.73	2457.75	0.83	ppb
Antimony	121-1	129.66	128.48	129.25	129.13	0.46	ppb
Arsenic	75-2	125.98	125.15	125.29	125.48	0.36	ppb
Barium	135-1	637.19	632.40	641.17	636.92	0.69	ppb
Barium	137-1	628.79	617.80	620.75	622.45	0.91	ppb
Beryllium	9-1	131.40	131.44	133.33	132.06	0.84	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	131.16	129.69	131.61	130.82	0.77	ppb
Cadmium	106-1	130.80	129.36	127.53	129.23	1.27	ppb
Cadmium	111-1	126.72	125.88	127.56	126.72	0.66	ppb
Calcium	43-1	12714.48	13029.61	13097.50	12947.20	1.58	ppb
Calcium	44-1	12615.26	12859.01	12835.47	12769.91	1.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125.62	126.35	126.54	126.17	0.38	ppb
Cobalt	59-2	135.00	135.45	130.90	133.78	1.88	ppb
Copper	63-2	1345.84	1358.29	1347.49	1350.54	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	54-2	6793.49	6838.01	6905.52	6845.67	0.82	ppb
Iron	56-2	6657.01	6629.36	6641.16	6642.51	0.21	ppb
Iron	57-2	6458.27	6459.17	6442.59	6453.34	0.14	ppb
Krypton	83-1						cps
Lead	206-1	596.41	596.71	600.43	597.85	0.37	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:39:59	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	596.27	598.76	602.67	599.23	0.54	ppb
Lead	208-1	599.49	599.80	604.65	601.31	0.48	ppb
Lithium	6-1				98		%
Magnesium	24-2	12783.71	12805.40	12760.51	12783.20	0.18	ppb
Manganese	55-2	1293.25	1298.79	1300.15	1297.40	0.28	ppb
Molybdenum	94-1	1228.59	1264.94	1245.63	1246.38	1.46	ppb
Molybdenum	95-1	1240.78	1284.71	1250.56	1258.68	1.83	ppb
Molybdenum	96-1	1231.67	1266.62	1236.44	1244.91	1.52	ppb
Molybdenum	97-1	1233.14	1264.71	1257.45	1251.77	1.32	ppb
Molybdenum	98-1	1229.57	1245.70	1241.68	1238.98	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.68	127.91	126.73	127.11	0.55	ppb
Phosphorus	31-2	2730.85	2624.56	2725.60	2693.67	2.22	ppb
Potassium	39-2	5995.86	6086.35	6114.83	6065.68	1.02	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	82-1	127.87	130.82	131.99	130.23	1.63	ppb
Selenium	77-2	122.33	133.62	122.07	126.01	5.24	ppb
Selenium	78-2	131.22	122.66	131.93	128.60	4.01	ppb
Silicon	28-1	129.90	133.40	133.99	132.43	1.67	ppb
Silver	107-1	134.36	132.79	132.84	133.33	0.67	ppb
Silver	109-1	132.86	132.71	135.24	133.61	1.06	ppb
Sodium	23-2	12681.50	12646.37	12699.58	12675.81	0.21	ppb
Strontium	86-1	118.43	121.39	119.62	119.81	1.24	ppb
Strontium	88-1	123.49	125.32	123.72	124.18	0.80	ppb
Sulfur	34-1	3067.47	3177.34	3152.87	3132.56	1.84	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	119.66	121.23	120.71	120.53	0.66	ppb
Thallium	205-1	119.02	118.76	118.67	118.82	0.16	ppb
Tin	118-1	129.89	130.80	130.29	130.33	0.35	ppb
Titanium	47-1	1206.67	1239.33	1237.26	1227.75	1.49	ppb
Uranium	238-1	116.42	117.39	117.83	117.21	0.61	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:39:59	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	125.63	126.86	126.60	126.36	0.51	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	1353.48	1372.40	1372.82	1366.23	0.81	ppb
Zirconium	90-1	121.35	123.37	123.45	122.73	0.97	ppb
Zirconium	91-1	124.23	127.88	126.17	126.09	1.45	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:42:53	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4966.60	4948.64	4908.28	4941.17	0.60	ppb
Antimony	121-1	250.31	249.49	257.09	252.30	1.65	ppb
Arsenic	75-2	255.41	255.47	254.99	255.29	0.10	ppb
Barium	135-1	1254.19	1245.02	1262.68	1253.96	0.70	ppb
Barium	137-1	1249.14	1242.26	1277.70	1256.37	1.50	ppb
Beryllium	9-1	259.03	254.96	259.93	257.98	1.03	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	256.44	255.15	260.85	257.48	1.16	ppb
Cadmium	106-1	255.92	253.43	255.61	254.98	0.53	ppb
Cadmium	111-1	261.70	256.90	266.61	261.74	1.85	ppb
Calcium	43-1	26864.46	26037.70	26633.68	26511.95	1.61	ppb
Calcium	44-1	25996.79	26046.32	26469.16	26170.76	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	267.74	266.21	262.02	265.32	1.12	ppb
Cobalt	59-2	269.49	268.90	266.51	268.30	0.59	ppb
Copper	63-2	2741.92	2695.16	2684.39	2707.16	1.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				90		%
Iron	54-2	13866.52	13825.49	13458.55	13716.86	1.64	ppb
Iron	56-2	13427.47	13372.67	13093.66	13297.94	1.35	ppb
Iron	57-2	13758.04	13538.00	13172.33	13489.46	2.19	ppb
Krypton	83-1						cps
Lead	206-1	1235.51	1250.09	1233.81	1239.80	0.72	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:42:53	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1238.89	1226.99	1247.05	1237.65	0.82	ppb
Lead	208-1	1236.90	1240.89	1235.63	1237.81	0.22	ppb
Lithium	6-1				93		%
Magnesium	24-2	26007.71	25736.83	25204.04	25649.53	1.59	ppb
Manganese	55-2	2656.32	2576.89	2577.08	2603.43	1.76	ppb
Molybdenum	94-1	2492.62	2532.44	2512.00	2512.35	0.79	ppb
Molybdenum	95-1	2510.00	2545.47	2510.09	2521.85	0.81	ppb
Molybdenum	96-1	2490.05	2532.52	2492.06	2504.88	0.96	ppb
Molybdenum	97-1	2521.73	2550.80	2498.24	2523.59	1.04	ppb
Molybdenum	98-1	2509.79	2539.63	2460.27	2503.23	1.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	256.23	254.45	250.33	253.67	1.19	ppb
Phosphorus	31-2	5405.33	5335.20	5374.39	5371.64	0.65	ppb
Potassium	39-2	12482.46	12248.71	12081.59	12270.92	1.64	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				92		%
Scandium	45-2				90		%
Selenium	82-1	256.49	258.62	259.68	258.27	0.63	ppb
Selenium	77-2	246.18	285.95	253.69	261.94	8.07	ppb
Selenium	78-2	261.98	258.97	248.84	256.60	2.68	ppb
Silicon	28-1	248.07	253.38	254.31	251.92	1.34	ppb
Silver	107-1	255.81	258.07	264.73	259.53	1.79	ppb
Silver	109-1	259.27	261.93	267.72	262.97	1.64	ppb
Sodium	23-2	25784.49	25665.10	25046.93	25498.84	1.55	ppb
Strontium	86-1	253.29	256.23	252.90	254.14	0.72	ppb
Strontium	88-1	250.22	249.52	251.97	250.57	0.50	ppb
Sulfur	34-1	5032.11	5107.75	5032.18	5057.35	0.86	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	249.13	248.92	247.66	248.57	0.32	ppb
Thallium	205-1	247.10	248.96	245.76	247.27	0.65	ppb
Tin	118-1	252.26	251.08	259.77	254.37	1.85	ppb
Titanium	47-1	2492.84	2500.91	2507.56	2500.43	0.29	ppb
Uranium	238-1	242.71	237.41	243.15	241.09	1.32	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:42:53	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	267.88	262.65	256.76	262.43	2.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				92		%
Zinc	66-2	2753.08	2718.76	2691.39	2721.08	1.14	ppb
Zirconium	90-1	248.28	247.81	251.02	249.04	0.70	ppb
Zirconium	91-1	254.61	251.04	255.51	253.72	0.93	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:45:40	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9314.50	9360.92	9449.86	9375.09	0.73	ppb
Antimony	121-1	487.48	496.49	503.29	495.75	1.60	ppb
Arsenic	75-2	501.57	496.54	503.42	500.51	0.71	ppb
Barium	135-1	2421.26	2457.61	2510.59	2463.15	1.82	ppb
Barium	137-1	2429.36	2436.00	2506.35	2457.23	1.74	ppb
Beryllium	9-1	488.15	488.45	497.97	491.52	1.14	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Cadmium	108-1	493.93	497.13	507.34	499.47	1.40	ppb
Cadmium	106-1	493.44	493.92	511.53	499.63	2.06	ppb
Cadmium	111-1	492.69	502.31	513.46	502.82	2.07	ppb
Calcium	43-1	50709.98	50750.71	51841.87	51100.85	1.26	ppb
Calcium	44-1	50850.66	50699.71	51985.15	51178.51	1.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	507.32	501.88	508.25	505.82	0.68	ppb
Cobalt	59-2	508.18	501.28	511.37	506.94	1.02	ppb
Copper	63-2	5112.45	5087.77	5132.72	5110.98	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				98		%
Holmium	165-2				96		%
Indium	115-1				90		%
Indium	115-2				86		%
Iron	54-2	25982.08	26232.06	26219.79	26144.64	0.54	ppb
Iron	56-2	25461.82	25384.37	25803.27	25549.82	0.87	ppb
Iron	57-2	25695.86	26345.07	26116.99	26052.64	1.26	ppb
Krypton	83-1						cps
Lead	206-1	2420.60	2438.44	2403.83	2420.96	0.72	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:45:40	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2427.81	2420.99	2416.55	2421.79	0.23	ppb
Lead	208-1	2421.79	2433.51	2427.60	2427.63	0.24	ppb
Lithium	6-1				91		%
Magnesium	24-2	48434.89	48975.50	49272.79	48894.39	0.87	ppb
Manganese	55-2	5024.04	4995.38	5010.29	5009.90	0.29	ppb
Molybdenum	94-1	4960.48	4921.23	4955.90	4945.87	0.43	ppb
Molybdenum	95-1	5003.78	4974.33	5019.54	4999.21	0.46	ppb
Molybdenum	96-1	4942.27	4866.98	4980.34	4929.86	1.17	ppb
Molybdenum	97-1	4926.30	4958.97	5054.49	4979.92	1.34	ppb
Molybdenum	98-1	4961.37	4889.94	4990.17	4947.16	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.23	513.43	513.63	511.76	0.60	ppb
Phosphorus	31-2	10160.42	10061.74	10247.76	10156.64	0.92	ppb
Potassium	39-2	23665.84	23314.84	23462.39	23481.02	0.75	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	82-1	502.17	501.14	510.55	504.62	1.02	ppb
Selenium	77-2	500.59	470.84	499.66	490.36	3.45	ppb
Selenium	78-2	520.47	510.39	495.60	508.82	2.46	ppb
Silicon	28-1	601.01	596.57	616.35	604.64	1.72	ppb
Silver	107-1	501.91	502.32	518.55	507.59	1.87	ppb
Silver	109-1	490.35	501.53	513.38	501.75	2.30	ppb
Sodium	23-2	48608.16	48864.19	49174.13	48882.16	0.58	ppb
Strontium	86-1	490.33	492.79	501.84	494.98	1.22	ppb
Strontium	88-1	493.92	491.65	505.88	497.15	1.54	ppb
Sulfur	34-1	9521.27	9438.27	10092.63	9684.06	3.68	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	480.68	488.51	480.90	483.37	0.92	ppb
Thallium	205-1	480.46	486.99	484.18	483.88	0.68	ppb
Tin	118-1	489.18	495.20	504.80	496.39	1.59	ppb
Titanium	47-1	4867.34	4815.95	4950.05	4877.78	1.39	ppb
Uranium	238-1	476.24	487.73	486.79	483.59	1.32	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:45:40	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	509.39	505.63	505.43	506.82	0.44	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				91		%
Zinc	66-2	5135.36	5091.67	5092.23	5106.42	0.49	ppb
Zirconium	90-1	492.13	491.83	499.69	494.55	0.90	ppb
Zirconium	91-1	501.13	489.75	499.04	496.64	1.22	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:48:25	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18829.67	18743.77	18965.16	18846.20	0.59	ppb
Antimony	121-1	1000.90	1003.06	998.81	1000.92	0.21	ppb
Arsenic	75-2	1002.09	1000.62	992.27	998.33	0.53	ppb
Barium	135-1	5013.77	5043.24	4989.63	5015.55	0.54	ppb
Barium	137-1	5068.32	5029.75	4961.62	5019.90	1.08	ppb
Beryllium	9-1	986.51	1021.54	995.45	1001.17	1.82	ppb
Bismuth	209-1				88		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Cadmium	108-1	1000.44	1002.00	990.24	997.56	0.64	ppb
Cadmium	106-1	1002.28	1003.94	988.66	998.29	0.84	ppb
Cadmium	111-1	995.02	993.08	998.04	995.38	0.25	ppb
Calcium	43-1	102858.85	104584.76	103343.40	103595.67	0.86	ppb
Calcium	44-1	102701.54	104008.71	103565.96	103425.40	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	989.58	1003.55	986.03	993.06	0.93	ppb
Cobalt	59-2	984.53	996.14	991.59	990.75	0.59	ppb
Copper	63-2	9903.90	9868.34	9860.49	9877.58	0.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				94		%
Indium	115-1				84		%
Indium	115-2				77		%
Iron	54-2	51156.36	51513.89	51593.29	51421.18	0.45	ppb
Iron	56-2	50270.26	50319.13	50238.01	50275.80	0.08	ppb
Iron	57-2	50347.60	50528.60	50336.10	50404.10	0.21	ppb
Krypton	83-1						cps
Lead	206-1	4904.19	5002.47	5231.23	5045.96	3.33	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:48:25	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4892.74	5007.68	5237.48	5045.97	3.48	ppb
Lead	208-1	4904.88	5010.51	5212.77	5042.72	3.10	ppb
Lithium	6-1				87		%
Magnesium	24-2	96224.12	96460.82	96188.86	96291.27	0.15	ppb
Manganese	55-2	9918.97	10025.68	9940.25	9961.63	0.57	ppb
Molybdenum	94-1	10052.16	10056.52	9966.04	10024.91	0.51	ppb
Molybdenum	95-1	10008.63	9962.46	10011.01	9994.03	0.27	ppb
Molybdenum	96-1	9951.52	10055.01	10098.20	10034.91	0.75	ppb
Molybdenum	97-1	10001.41	10020.10	9990.67	10004.06	0.15	ppb
Molybdenum	98-1	9995.92	10080.61	10005.83	10027.45	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	987.97	992.94	997.68	992.86	0.49	ppb
Phosphorus	31-2	19992.31	19723.63	19683.96	19799.97	0.85	ppb
Potassium	39-2	46451.53	46218.62	46089.37	46253.17	0.40	ppb
Rhodium	103-1				85		%
Rhodium	103-2				85		%
Scandium	45-1				88		%
Scandium	45-2				89		%
Selenium	82-1	998.31	989.38	996.87	994.85	0.48	ppb
Selenium	77-2	978.14	991.42	1034.22	1001.26	2.93	ppb
Selenium	78-2	998.06	984.92	997.09	993.35	0.74	ppb
Silicon	28-1	938.68	951.90	947.05	945.88	0.71	ppb
Silver	107-1	1000.15	1002.85	974.61	992.54	1.57	ppb
Silver	109-1	993.65	994.98	995.15	994.59	0.08	ppb
Sodium	23-2	95933.53	96572.52	96679.14	96395.06	0.42	ppb
Strontium	86-1	998.22	997.22	1011.24	1002.23	0.78	ppb
Strontium	88-1	1001.67	1001.58	1001.00	1001.42	0.04	ppb
Sulfur	34-1	20019.46	20255.28	19871.67	20048.80	0.97	ppb
Terbium	159-1				96		%
Terbium	159-2				93		%
Thallium	203-1	990.28	995.66	1042.34	1009.43	2.84	ppb
Thallium	205-1	988.17	989.85	1050.81	1009.61	3.53	ppb
Tin	118-1	998.51	994.08	1007.54	1000.04	0.69	ppb
Titanium	47-1	9974.60	10136.77	10080.08	10063.82	0.82	ppb
Uranium	238-1	998.35	1017.89	1018.46	1011.57	1.13	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:48:25	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	1001.65	988.95	989.19	993.26	0.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				92		%
Yttrium	89-2				88		%
Zinc	66-2	9901.01	9867.98	9858.01	9875.67	0.23	ppb
Zirconium	90-1	1007.86	997.15	1004.83	1003.28	0.55	ppb
Zirconium	91-1	1007.25	995.03	999.98	1000.76	0.61	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:51:15	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100130.89	105653.10	95107.76	100297.25	5.26	ppb
Antimony	121-1	0.62	0.60	0.58	0.60	3.57	ppb
Arsenic	75-2	0.58	0.52	0.44	0.51	13.85	ppb
Barium	135-1	2.03	1.99	1.88	1.97	3.88	ppb
Barium	137-1	2.03	2.06	1.97	2.02	2.33	ppb
Beryllium	9-1	0.12	0.11	0.09	0.11	15.00	ppb
Bismuth	209-1				77		%
Bismuth	209-2				76		%
Bromine	81-1						cps
Cadmium	108-1	0.41	0.36	0.35	0.37	8.27	ppb
Cadmium	106-1	0.33	0.26	0.09	0.23	54.15	ppb
Cadmium	111-1	0.13	0.13	0.12	0.12	5.54	ppb
Calcium	43-1	495859.32	501514.84	499874.41	499082.86	0.58	ppb
Calcium	44-1	494144.18	502609.96	500637.81	499130.65	0.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.42	9.03	8.12	8.52	5.45	ppb
Cobalt	59-2	2.08	2.24	2.00	2.11	5.69	ppb
Copper	63-2	2.60	2.78	2.44	2.60	6.50	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				90		%
Holmium	165-2				89		%
Indium	115-1				82		%
Indium	115-2				82		%
Iron	54-2	248545.19	262431.09	237594.46	249523.58	4.99	ppb
Iron	56-2	247980.24	262510.82	239023.42	249838.16	4.74	ppb
Iron	57-2	247278.64	264819.49	237176.48	249758.20	5.60	ppb
Krypton	83-1						cps
Lead	206-1	5.56	5.57	5.46	5.53	1.16	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:51:15	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	5.65	5.62	5.55	5.61	0.93	ppb
Lead	208-1	5.59	5.57	5.51	5.56	0.74	ppb
Lithium	6-1				82		%
Magnesium	24-2	499860.18	528188.01	474382.40	500810.20	5.37	ppb
Manganese	55-2	4.89	5.17	4.85	4.97	3.55	ppb
Molybdenum	94-1	2.06	2.01	1.95	2.00	2.84	ppb
Molybdenum	95-1	1.43	1.38	1.45	1.42	2.75	ppb
Molybdenum	96-1	2.34	2.26	2.16	2.25	4.07	ppb
Molybdenum	97-1	1.40	1.33	1.29	1.34	4.23	ppb
Molybdenum	98-1	1.33	1.21	1.20	1.25	5.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.46	4.68	4.36	4.50	3.57	ppb
Phosphorus	31-2	-13.70	-6.87	-7.94	-9.50		ppb
Potassium	39-2	248107.72	264225.41	240420.58	250917.90	4.84	ppb
Rhodium	103-1				75		%
Rhodium	103-2				76		%
Scandium	45-1				85		%
Scandium	45-2				86		%
Selenium	82-1	0.82	0.92	0.83	0.86	6.66	ppb
Selenium	77-2	-0.11	1.42	0.25	0.52	153.58	ppb
Selenium	78-2	1.18	0.55	0.23	0.65	74.06	ppb
Silicon	28-1	10.66	11.10	9.98	10.58	5.33	ppb
Silver	107-1	0.12	0.11	0.09	0.11	14.31	ppb
Silver	109-1	0.12	0.11	0.10	0.11	11.16	ppb
Sodium	23-2	500288.51	525414.94	476701.04	500801.49	4.86	ppb
Strontium	86-1	3.16	3.11	3.10	3.12	1.11	ppb
Strontium	88-1	3.17	3.11	3.15	3.14	0.86	ppb
Sulfur	34-1	-388.08	-270.42	-243.06	-300.52		ppb
Terbium	159-1				89		%
Terbium	159-2				88		%
Thallium	203-1	0.08	0.08	0.07	0.08	7.94	ppb
Thallium	205-1	0.09	0.08	0.08	0.08	9.40	ppb
Tin	118-1	0.19	0.18	0.18	0.19	4.23	ppb
Titanium	47-1	0.92	0.81	0.83	0.85	6.69	ppb
Uranium	238-1	0.06	0.05	0.04	0.05	15.63	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:51:15	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.26	0.29	0.29	0.28	5.44	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				88		%
Yttrium	89-2				87		%
Zinc	66-2	59.08	64.06	56.91	60.02	6.11	ppb
Zirconium	90-1	0.47	0.46	0.46	0.46	1.19	ppb
Zirconium	91-1	0.46	0.45	0.46	0.46	1.18	ppb

LB Number : LB135477 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired : 2025-04-17 16:01:35 DataFile Name : 014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	502.06	499.64	504.46	502.05	0.48	ppb
Antimony	121-1	195.55	193.50	194.23	194.43	0.54	ppb
Arsenic	75-2	195.32	198.15	194.92	196.13	0.90	ppb
Barium	135-1	95.09	94.88	96.17	95.38	0.72	ppb
Barium	137-1	95.93	96.40	96.22	96.18	0.25	ppb
Beryllium	9-1	106.30	105.55	106.74	106.20	0.57	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	82.97	84.46	84.37	83.93	1.00	ppb
Cadmium	106-1	80.62	79.66	79.54	79.94	0.74	ppb
Cadmium	111-1	98.16	98.36	98.72	98.41	0.28	ppb
Calcium	43-1	1930.49	1914.01	1933.48	1925.99	0.54	ppb
Calcium	44-1	1954.80	1941.21	2000.69	1965.57	1.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101.28	101.10	101.29	101.22	0.11	ppb
Cobalt	59-2	104.94	105.26	104.42	104.87	0.40	ppb
Copper	63-2	107.64	108.50	108.02	108.05	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	2113.28	2126.88	2129.02	2123.06	0.40	ppb
Iron	56-2	2074.44	2112.69	2089.90	2092.34	0.92	ppb
Iron	57-2	2018.60	2016.85	2016.84	2017.43	0.05	ppb
Krypton	83-1						cps
Lead	206-1	191.03	191.29	196.93	193.08	1.73	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:01:35	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	187.69	185.75	191.62	188.35	1.59	ppb
Lead	208-1	189.66	188.82	193.19	190.56	1.22	ppb
Lithium	6-1				99		%
Magnesium	24-2	1153.33	1148.56	1151.31	1151.06	0.21	ppb
Manganese	55-2	100.86	100.53	100.69	100.69	0.16	ppb
Molybdenum	94-1	0.09	0.10	0.09	0.09	3.78	ppb
Molybdenum	95-1	0.06	0.06	0.06	0.06	2.76	ppb
Molybdenum	96-1	0.06	0.07	0.06	0.06	7.32	ppb
Molybdenum	97-1	0.05	0.05	0.04	0.05	3.87	ppb
Molybdenum	98-1	0.04	0.04	0.04	0.04	6.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.08	105.42	103.98	104.83	0.72	ppb
Phosphorus	31-2	-25.22	-22.59	-23.76	-23.86		ppb
Potassium	39-2	1856.81	1850.47	1856.17	1854.49	0.19	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	208.84	211.44	215.99	212.09	1.71	ppb
Selenium	77-2	212.28	203.37	225.88	213.84	5.30	ppb
Selenium	78-2	212.88	215.36	208.74	212.33	1.58	ppb
Silicon	28-1	0.55	0.47	1.19	0.74	53.99	ppb
Silver	107-1	52.20	52.53	50.65	51.79	1.94	ppb
Silver	109-1	50.83	51.67	52.28	51.59	1.41	ppb
Sodium	23-2	2018.82	1995.02	2045.05	2019.63	1.24	ppb
Strontium	86-1	0.23	0.24	0.23	0.23	2.85	ppb
Strontium	88-1	0.23	0.23	0.24	0.23	1.11	ppb
Sulfur	34-1	-285.85	-306.83	-309.71	-300.80		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	190.66	185.29	197.39	191.11	3.17	ppb
Thallium	205-1	190.22	188.09	191.76	190.02	0.97	ppb
Tin	118-1	0.01	-0.01	0.00	0.00	691.46	ppb
Titanium	47-1	0.06	0.05	0.06	0.05	8.45	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:01:35	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	99.94	99.36	98.74	99.35	0.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	207.09	208.35	209.24	208.23	0.52	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	5.61	ppb
Zirconium	91-1	0.10	0.09	0.10	0.10	7.98	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:13:31	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.66	20.60	20.19	20.15	2.34	ppb
Antimony	121-1	2.02	2.02	2.06	2.03	1.24	ppb
Arsenic	75-2	1.16	1.06	1.09	1.10	4.55	ppb
Barium	135-1	9.97	10.06	10.24	10.09	1.36	ppb
Barium	137-1	10.15	10.16	10.37	10.23	1.22	ppb
Beryllium	9-1	1.17	1.13	1.16	1.15	1.57	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	1.01	1.12	1.19	1.10	8.31	ppb
Cadmium	106-1	0.32	0.51	0.88	0.57	50.20	ppb
Cadmium	111-1	1.00	1.08	1.08	1.05	4.10	ppb
Calcium	43-1	536.85	526.54	528.81	530.73	1.02	ppb
Calcium	44-1	533.23	524.19	524.48	527.30	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.14	2.20	2.06	2.14	3.12	ppb
Cobalt	59-2	1.16	1.15	1.11	1.14	2.13	ppb
Copper	63-2	2.29	2.29	2.21	2.27	2.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	56.27	54.37	54.11	54.92	2.14	ppb
Iron	56-2	55.78	54.93	54.16	54.96	1.47	ppb
Iron	57-2	54.06	55.04	52.25	53.78	2.64	ppb
Krypton	83-1						cps
Lead	206-1	0.90	0.92	0.95	0.92	2.54	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:13:31	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.94	0.95	0.98	0.96	2.08	ppb
Lead	208-1	0.94	0.94	0.97	0.95	2.05	ppb
Lithium	6-1				100		%
Magnesium	24-2	544.92	539.48	538.39	540.93	0.65	ppb
Manganese	55-2	1.05	1.08	1.01	1.05	3.76	ppb
Molybdenum	94-1	5.89	5.85	5.85	5.86	0.35	ppb
Molybdenum	95-1	5.08	4.96	4.98	5.01	1.24	ppb
Molybdenum	96-1	4.99	4.93	4.99	4.97	0.73	ppb
Molybdenum	97-1	5.02	4.92	5.00	4.98	1.11	ppb
Molybdenum	98-1	4.90	4.87	4.88	4.88	0.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.15	1.15	1.07	1.12	4.00	ppb
Phosphorus	31-2	12.10	15.15	6.56	11.27	38.62	ppb
Potassium	39-2	513.73	508.65	507.48	509.95	0.65	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	5.36	5.50	5.66	5.51	2.80	ppb
Selenium	77-2	5.53	6.75	5.89	6.06	10.33	ppb
Selenium	78-2	5.98	4.56	4.16	4.90	19.55	ppb
Silicon	28-1	3.44	4.27	3.34	3.68	13.89	ppb
Silver	107-1	1.03	1.03	1.04	1.03	0.79	ppb
Silver	109-1	1.01	1.04	1.07	1.04	2.52	ppb
Sodium	23-2	544.24	542.32	539.65	542.07	0.42	ppb
Strontium	86-1	1.03	1.03	1.01	1.02	1.37	ppb
Strontium	88-1	1.03	1.01	1.00	1.01	1.27	ppb
Sulfur	34-1	-248.23	-287.99	-257.48	-264.56		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.94	0.91	0.97	0.94	3.15	ppb
Thallium	205-1	0.95	0.95	0.99	0.96	2.22	ppb
Tin	118-1	5.03	5.10	5.21	5.12	1.80	ppb
Titanium	47-1	5.19	5.02	5.16	5.12	1.80	ppb
Uranium	238-1	0.91	0.91	0.95	0.92	2.73	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:13:31	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.35	5.36	5.20	5.30	1.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	5.90	5.81	5.45	5.72	4.13	ppb
Zirconium	90-1	0.96	0.95	0.96	0.96	0.32	ppb
Zirconium	91-1	0.97	0.95	0.97	0.96	1.00	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:17:07	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.36	1.60	1.54	1.50	8.59	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	8.84	ppb
Arsenic	75-2	0.01	0.00	-0.01	0.00		ppb
Barium	135-1	0.00	0.00	0.00	0.00		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				101		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	0.01	0.00	0.00	0.00	111.54	ppb
Cadmium	106-1	-0.18	-0.71	-0.64	-0.51		ppb
Cadmium	111-1	-0.02	-0.06	-0.05	-0.04		ppb
Calcium	43-1	-2.10	-1.11	-1.92	-1.71		ppb
Calcium	44-1	-0.65	-0.54	-0.40	-0.53		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.04	0.05	0.05	21.10	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.04	0.04	0.06	0.05	19.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	0.32	-0.09	0.05	0.09	225.07	ppb
Iron	56-2	0.20	0.10	0.18	0.16	34.36	ppb
Iron	57-2	-0.06	0.32	-0.12	0.05	498.56	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.02	0.02	8.47	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:17:07	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.02	0.02	0.02	0.02	12.89	ppb
Lead	208-1	0.02	0.02	0.02	0.02	12.85	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.31	0.02	0.37	0.23	79.60	ppb
Manganese	55-2	-0.02	0.04	0.05	0.02	169.33	ppb
Molybdenum	94-1	0.05	0.03	0.05	0.04	20.15	ppb
Molybdenum	95-1	0.01	0.00	0.01	0.01	38.45	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	17.04	ppb
Molybdenum	97-1	0.01	0.00	0.00	0.00	62.86	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	339.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.04	0.02	77.70	ppb
Phosphorus	31-2	-20.95	-23.16	-27.03	-23.71		ppb
Potassium	39-2	9.96	10.89	11.59	10.81	7.58	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	-0.02	0.00	0.00	-0.01		ppb
Selenium	77-2	-0.11	0.21	-0.11	0.00	39442.10	ppb
Selenium	78-2	0.40	0.51	0.40	0.44	14.31	ppb
Silicon	28-1	-0.14	0.07	-0.06	-0.05		ppb
Silver	107-1	0.01	0.05	0.01	0.02	116.69	ppb
Silver	109-1	0.01	0.01	0.01	0.01	8.20	ppb
Sodium	23-2	7.77	9.22	9.58	8.86	10.85	ppb
Strontium	86-1	0.01	-0.01	0.00	0.00	12972.35	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	65.10	ppb
Sulfur	34-1	-339.14	-245.61	-205.92	-263.56		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.01	0.01	0.01	0.01	15.32	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	9.00	ppb
Tin	118-1	-0.02	-0.02	-0.02	-0.02		ppb
Titanium	47-1	0.01	0.00	0.01	0.01	142.74	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:17:07	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	412.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	0.13	0.12	0.11	0.12	9.52	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	6.35	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	10.35	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:20:39	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94088.43	95018.19	91999.26	93701.96	1.65	ppb
Antimony	121-1	1.10	1.07	1.09	1.09	1.26	ppb
Arsenic	75-2	0.32	0.33	0.28	0.31	8.17	ppb
Barium	135-1	1.36	1.36	1.36	1.36	0.09	ppb
Barium	137-1	1.41	1.37	1.37	1.38	1.72	ppb
Beryllium	9-1	0.31	0.29	0.31	0.30	4.82	ppb
Bismuth	209-1				92		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Cadmium	108-1	14.35	13.88	13.93	14.05	1.87	ppb
Cadmium	106-1	-0.50	-0.30	-0.36	-0.39		ppb
Cadmium	111-1	0.49	0.48	0.45	0.47	4.49	ppb
Calcium	43-1	102042.95	100582.83	102617.16	101747.65	1.03	ppb
Calcium	44-1	101793.16	101359.65	102491.23	101881.35	0.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.48	20.36	19.69	20.18	2.13	ppb
Cobalt	59-2	1.20	1.17	1.17	1.18	1.42	ppb
Copper	63-2	7.91	7.93	7.74	7.86	1.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	54-2	105947.82	106074.89	103516.47	105179.73	1.37	ppb
Iron	56-2	105905.25	105656.57	103252.85	104938.22	1.40	ppb
Iron	57-2	106366.10	107028.86	102095.09	105163.35	2.55	ppb
Krypton	83-1						cps
Lead	206-1	4.47	4.41	4.41	4.43	0.74	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:20:39	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4.20	4.03	4.00	4.07	2.62	ppb
Lead	208-1	4.27	4.19	4.17	4.21	1.19	ppb
Lithium	6-1				95		%
Magnesium	24-2	98345.53	97833.02	94979.82	97052.79	1.87	ppb
Manganese	55-2	7.74	7.81	7.60	7.72	1.34	ppb
Molybdenum	94-1	1602.37	1604.76	1625.45	1610.86	0.79	ppb
Molybdenum	95-1	1963.59	1980.01	2003.30	1982.30	1.01	ppb
Molybdenum	96-1	1904.25	1919.81	1961.98	1928.68	1.55	ppb
Molybdenum	97-1	1955.20	1971.62	1991.08	1972.63	0.91	ppb
Molybdenum	98-1	1950.31	1973.06	1973.87	1965.75	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.35	5.26	5.22	5.28	1.32	ppb
Phosphorus	31-2	112171.86	111902.93	110137.12	111403.97	0.99	ppb
Potassium	39-2	98821.42	99098.90	97579.74	98500.02	0.82	ppb
Rhodium	103-1				89		%
Rhodium	103-2				90		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	82-1	0.00	0.18	0.25	0.14	91.67	ppb
Selenium	77-2	0.23	0.23	0.22	0.23	1.95	ppb
Selenium	78-2	0.18	0.18	0.06	0.14	49.02	ppb
Silicon	28-1	13.65	12.95	13.32	13.31	2.65	ppb
Silver	107-1	0.06	0.05	0.05	0.06	10.42	ppb
Silver	109-1	0.07	0.05	0.05	0.06	16.09	ppb
Sodium	23-2	104768.78	104186.16	102529.32	103828.08	1.12	ppb
Strontium	86-1	32.69	33.03	33.06	32.93	0.64	ppb
Strontium	88-1	34.72	34.50	34.68	34.63	0.34	ppb
Sulfur	34-1	98915.99	96749.43	98769.30	98144.91	1.23	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.09	0.11	0.15	0.12	24.81	ppb
Thallium	205-1	0.09	0.12	0.14	0.12	24.45	ppb
Tin	118-1	0.18	0.17	0.16	0.17	7.12	ppb
Titanium	47-1	2020.90	1998.74	2029.83	2016.49	0.79	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	5.04	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:20:39	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.15	0.15	0.15	0.15	1.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				95		%
Zinc	66-2	11.73	11.87	11.58	11.73	1.22	ppb
Zirconium	90-1	0.07	0.06	0.05	0.06	16.78	ppb
Zirconium	91-1	0.07	0.06	0.06	0.06	9.10	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:25:07	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95822.54	92189.63	92943.80	93651.99	2.05	ppb
Antimony	121-1	20.50	20.54	20.55	20.53	0.13	ppb
Arsenic	75-2	20.32	20.68	20.83	20.61	1.28	ppb
Barium	135-1	21.13	21.01	20.94	21.02	0.46	ppb
Barium	137-1	21.19	21.08	21.07	21.11	0.32	ppb
Beryllium	9-1	22.25	22.24	22.40	22.30	0.40	ppb
Bismuth	209-1				91		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Cadmium	108-1	30.36	30.92	30.81	30.70	0.96	ppb
Cadmium	106-1	15.43	15.19	14.81	15.14	2.05	ppb
Cadmium	111-1	19.69	19.71	19.68	19.69	0.08	ppb
Calcium	43-1	104716.86	102892.27	103508.07	103705.73	0.90	ppb
Calcium	44-1	103289.13	102733.48	103298.86	103107.16	0.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.79	39.72	39.63	40.05	1.61	ppb
Cobalt	59-2	21.61	21.47	21.35	21.48	0.60	ppb
Copper	63-2	28.11	27.83	27.82	27.92	0.59	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				97		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	54-2	106827.63	105486.11	105280.61	105864.79	0.79	ppb
Iron	56-2	105856.04	105113.34	103568.49	104845.96	1.11	ppb
Iron	57-2	105506.42	104405.91	104278.56	104730.30	0.64	ppb
Krypton	83-1						cps
Lead	206-1	23.33	23.15	23.38	23.29	0.52	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:25:07	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	22.95	22.75	22.79	22.83	0.45	ppb
Lead	208-1	22.90	22.80	22.99	22.90	0.43	ppb
Lithium	6-1				95		%
Magnesium	24-2	99257.79	96472.94	96211.82	97314.18	1.73	ppb
Manganese	55-2	27.99	27.51	27.31	27.60	1.27	ppb
Molybdenum	94-1	1637.27	1630.81	1621.71	1629.93	0.48	ppb
Molybdenum	95-1	1986.20	2009.10	1996.28	1997.19	0.57	ppb
Molybdenum	96-1	1944.08	1939.48	1929.86	1937.81	0.37	ppb
Molybdenum	97-1	1997.60	2011.12	1968.00	1992.24	1.11	ppb
Molybdenum	98-1	1971.03	1999.78	1973.82	1981.54	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.16	24.70	24.31	24.72	1.72	ppb
Phosphorus	31-2	113526.10	110992.35	110372.60	111630.35	1.50	ppb
Potassium	39-2	99262.42	97732.52	98059.05	98351.33	0.82	ppb
Rhodium	103-1				90		%
Rhodium	103-2				88		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	21.21	21.28	20.59	21.02	1.81	ppb
Selenium	77-2	20.52	18.24	21.94	20.23	9.24	ppb
Selenium	78-2	19.47	20.71	21.94	20.71	5.96	ppb
Silicon	28-1	14.55	14.84	14.83	14.74	1.11	ppb
Silver	107-1	18.62	18.57	18.45	18.54	0.47	ppb
Silver	109-1	18.72	18.66	18.67	18.68	0.19	ppb
Sodium	23-2	105915.30	102408.38	104051.46	104125.05	1.69	ppb
Strontium	86-1	32.82	32.99	32.97	32.93	0.29	ppb
Strontium	88-1	34.74	34.94	34.71	34.80	0.35	ppb
Sulfur	34-1	101074.00	100917.52	100877.65	100956.39	0.10	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	19.39	19.36	19.53	19.43	0.48	ppb
Thallium	205-1	19.61	19.55	19.81	19.65	0.68	ppb
Tin	118-1	0.18	0.17	0.18	0.17	1.42	ppb
Titanium	47-1	2060.54	2047.65	2049.77	2052.65	0.34	ppb
Uranium	238-1	0.02	0.03	0.02	0.02	1.72	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:25:07	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	20.49	20.37	20.27	20.38	0.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				95		%
Zinc	66-2	32.61	32.38	31.39	32.13	2.02	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	7.65	ppb
Zirconium	91-1	0.04	0.05	0.05	0.05	9.16	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:30:42	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49941.82	49082.82	49637.31	49553.98	0.88	ppb
Antimony	121-1	493.50	496.09	485.79	491.79	1.09	ppb
Arsenic	75-2	489.80	483.08	489.58	487.49	0.78	ppb
Barium	135-1	2478.79	2468.96	2460.35	2469.36	0.37	ppb
Barium	137-1	2446.58	2467.47	2447.89	2453.98	0.48	ppb
Beryllium	9-1	503.97	505.87	508.52	506.12	0.45	ppb
Bismuth	209-1				82		%
Bismuth	209-2				84		%
Bromine	81-1						cps
Cadmium	108-1	477.45	484.03	478.30	479.92	0.75	ppb
Cadmium	106-1	477.00	483.03	475.10	478.38	0.87	ppb
Cadmium	111-1	474.90	489.33	478.13	480.79	1.58	ppb
Calcium	43-1	250606.52	256830.34	250620.17	252685.67	1.42	ppb
Calcium	44-1	250062.04	253207.46	253633.08	252300.86	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	503.99	482.12	495.25	493.79	2.23	ppb
Cobalt	59-2	471.92	468.44	475.88	472.08	0.79	ppb
Copper	63-2	4624.15	4555.04	4647.00	4608.73	1.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				94		%
Indium	115-1				84		%
Indium	115-2				85		%
Iron	54-2	126273.05	122822.20	126222.30	125105.85	1.58	ppb
Iron	56-2	122888.80	121792.68	125117.06	123266.18	1.37	ppb
Iron	57-2	123138.27	122968.62	124726.81	123611.23	0.78	ppb
Krypton	83-1						cps
Lead	206-1	2431.50	2446.61	2445.81	2441.31	0.35	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:30:42	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2429.89	2419.88	2433.39	2427.72	0.29	ppb
Lead	208-1	2427.11	2439.04	2445.45	2437.20	0.38	ppb
Lithium	6-1				88		%
Magnesium	24-2	241048.77	237893.08	239364.19	239435.35	0.66	ppb
Manganese	55-2	4937.21	4858.35	4979.26	4924.94	1.25	ppb
Molybdenum	94-1	4828.40	4891.21	4984.32	4901.31	1.60	ppb
Molybdenum	95-1	4819.88	4923.32	4970.67	4904.62	1.57	ppb
Molybdenum	96-1	4762.66	4840.01	4920.54	4841.07	1.63	ppb
Molybdenum	97-1	4762.55	4846.95	4964.30	4857.93	2.09	ppb
Molybdenum	98-1	4766.73	4897.16	4950.26	4871.38	1.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.33	466.57	473.13	472.68	1.25	ppb
Phosphorus	31-2	10558.15	10102.99	10372.77	10344.64	2.21	ppb
Potassium	39-2	122903.69	120298.86	122944.45	122049.00	1.24	ppb
Rhodium	103-1				82		%
Rhodium	103-2				85		%
Scandium	45-1				91		%
Scandium	45-2				96		%
Selenium	82-1	468.47	469.23	483.58	473.76	1.80	ppb
Selenium	77-2	488.12	480.25	464.40	477.59	2.53	ppb
Selenium	78-2	500.61	488.43	492.80	493.94	1.25	ppb
Silicon	28-1	611.16	625.12	620.83	619.04	1.16	ppb
Silver	107-1	477.90	477.66	475.19	476.92	0.31	ppb
Silver	109-1	475.51	487.77	472.65	478.64	1.68	ppb
Sodium	23-2	241459.92	237022.17	240718.28	239733.46	0.99	ppb
Strontium	86-1	483.13	489.80	495.15	489.36	1.23	ppb
Strontium	88-1	486.63	486.94	491.42	488.33	0.55	ppb
Sulfur	34-1	10072.88	10250.25	10167.60	10163.58	0.87	ppb
Terbium	159-1				93		%
Terbium	159-2				94		%
Thallium	203-1	494.14	494.23	488.88	492.42	0.62	ppb
Thallium	205-1	490.80	491.13	493.10	491.68	0.25	ppb
Tin	118-1	488.67	496.87	487.88	491.14	1.01	ppb
Titanium	47-1	4856.00	4884.44	4826.04	4855.49	0.60	ppb
Uranium	238-1	496.93	501.35	504.73	501.00	0.78	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:30:42	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	507.70	496.83	503.18	502.57	1.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				92		%
Yttrium	89-2				94		%
Zinc	66-2	4771.74	4685.47	4725.68	4727.63	0.91	ppb
Zirconium	90-1	487.04	491.01	494.10	490.72	0.72	ppb
Zirconium	91-1	494.78	491.31	493.12	493.07	0.35	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:34:14	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.52	3.30	4.42	3.75	15.92	ppb
Antimony	121-1	0.06	0.06	0.05	0.06	11.07	ppb
Arsenic	75-2	0.02	0.03	0.02	0.02	27.94	ppb
Barium	135-1	0.02	0.03	0.01	0.02	30.38	ppb
Barium	137-1	0.03	0.02	0.02	0.02	42.37	ppb
Beryllium	9-1	0.03	0.03	0.02	0.03	14.27	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	0.04	0.07	0.02	0.04	55.48	ppb
Cadmium	106-1	-0.16	-0.24	-0.32	-0.24		ppb
Cadmium	111-1	0.00	-0.01	-0.01	-0.01		ppb
Calcium	43-1	1.98	1.53	1.74	1.75	12.93	ppb
Calcium	44-1	2.70	1.43	1.87	2.00	32.18	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	45.31	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	24.88	ppb
Copper	63-2	0.10	0.12	0.10	0.11	13.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	54-2	3.15	2.96	2.50	2.87	11.78	ppb
Iron	56-2	2.57	2.37	2.38	2.44	4.61	ppb
Iron	57-2	2.17	2.21	1.95	2.11	6.74	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.07	0.09	0.08	8.51	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:34:14	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.09	0.09	0.08	0.09	9.60	ppb
Lead	208-1	0.09	0.08	0.08	0.09	6.11	ppb
Lithium	6-1				102		%
Magnesium	24-2	1.65	2.06	1.87	1.86	11.20	ppb
Manganese	55-2	0.06	0.09	0.12	0.09	34.52	ppb
Molybdenum	94-1	0.12	0.10	0.08	0.10	21.67	ppb
Molybdenum	95-1	0.11	0.09	0.08	0.09	18.00	ppb
Molybdenum	96-1	0.09	0.07	0.06	0.07	22.21	ppb
Molybdenum	97-1	0.09	0.07	0.06	0.07	22.67	ppb
Molybdenum	98-1	0.08	0.07	0.06	0.07	13.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	0.06	0.03	73.48	ppb
Phosphorus	31-2	-24.19	-24.31	-23.03	-23.84		ppb
Potassium	39-2	26.84	24.93	27.51	26.43	5.07	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	-0.14	0.04	-0.13	-0.08		ppb
Selenium	77-2	0.20	-0.11	-0.11	0.00		ppb
Selenium	78-2	0.01	-0.08	-0.07	-0.05		ppb
Silicon	28-1	0.26	0.90	0.97	0.71	54.85	ppb
Silver	107-1	0.03	0.03	0.02	0.03	11.27	ppb
Silver	109-1	0.03	0.03	0.02	0.03	14.87	ppb
Sodium	23-2	25.79	26.27	25.75	25.94	1.12	ppb
Strontium	86-1	0.01	0.01	0.01	0.01	27.03	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	20.89	ppb
Sulfur	34-1	-185.01	-160.27	-66.40	-137.23		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.06	0.04	0.04	0.05	16.33	ppb
Thallium	205-1	0.05	0.04	0.04	0.05	9.01	ppb
Tin	118-1	-0.01	-0.01	-0.01	-0.01		ppb
Titanium	47-1	0.08	0.07	0.07	0.08	8.91	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	71.82	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:34:14	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.01	0.01	0.01	31.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	0.19	0.21	0.25	0.21	13.18	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	10.47	ppb
Zirconium	91-1	0.02	0.02	0.01	0.01	20.50	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:39:01	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.14	20.83	19.78	19.92	4.28	ppb
Antimony	121-1	2.02	2.08	2.08	2.06	1.49	ppb
Arsenic	75-2	0.97	1.13	0.99	1.03	8.41	ppb
Barium	135-1	10.04	10.20	10.24	10.16	1.04	ppb
Barium	137-1	10.18	10.33	10.21	10.24	0.74	ppb
Beryllium	9-1	1.13	1.12	1.09	1.11	1.62	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	1.01	1.03	1.08	1.04	3.64	ppb
Cadmium	106-1	0.85	1.12	0.90	0.96	15.33	ppb
Cadmium	111-1	1.07	1.12	1.07	1.09	2.53	ppb
Calcium	43-1	524.61	529.25	528.55	527.47	0.47	ppb
Calcium	44-1	525.86	532.97	522.25	527.03	1.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.10	2.15	2.01	2.08	3.42	ppb
Cobalt	59-2	1.15	1.13	1.11	1.13	1.72	ppb
Copper	63-2	2.30	2.24	2.19	2.24	2.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	54-2	57.50	57.12	56.81	57.14	0.60	ppb
Iron	56-2	55.13	54.61	52.94	54.23	2.11	ppb
Iron	57-2	54.32	52.33	52.16	52.94	2.27	ppb
Krypton	83-1						cps
Lead	206-1	0.94	0.93	0.95	0.94	1.06	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:39:01	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.97	0.95	0.98	0.97	1.51	ppb
Lead	208-1	0.96	0.95	0.97	0.96	1.06	ppb
Lithium	6-1				103		%
Magnesium	24-2	541.88	538.47	528.33	536.23	1.31	ppb
Manganese	55-2	1.06	1.07	1.04	1.06	1.31	ppb
Molybdenum	94-1	5.69	5.81	5.71	5.74	1.16	ppb
Molybdenum	95-1	4.95	5.01	4.86	4.94	1.51	ppb
Molybdenum	96-1	4.92	5.01	4.85	4.93	1.63	ppb
Molybdenum	97-1	4.91	4.96	4.94	4.94	0.45	ppb
Molybdenum	98-1	4.84	4.86	4.73	4.81	1.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.06	1.00	1.04	3.01	ppb
Phosphorus	31-2	20.89	12.14	16.65	16.56	26.41	ppb
Potassium	39-2	518.35	515.21	506.83	513.46	1.16	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	5.18	5.13	4.90	5.07	2.95	ppb
Selenium	77-2	4.86	5.16	7.81	5.94	27.31	ppb
Selenium	78-2	4.91	4.72	6.88	5.50	21.79	ppb
Silicon	28-1	4.03	3.94	3.62	3.86	5.60	ppb
Silver	107-1	1.02	1.06	1.03	1.03	2.01	ppb
Silver	109-1	1.02	1.06	1.03	1.04	1.95	ppb
Sodium	23-2	554.86	549.49	542.85	549.07	1.10	ppb
Strontium	86-1	0.97	0.99	1.00	0.99	1.26	ppb
Strontium	88-1	0.99	1.00	0.99	0.99	0.60	ppb
Sulfur	34-1	-23.88	19.70	6.45	0.76	2949.89	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.94	0.95	0.96	0.95	1.18	ppb
Thallium	205-1	0.98	0.96	0.98	0.97	1.11	ppb
Tin	118-1	5.10	5.10	5.15	5.12	0.62	ppb
Titanium	47-1	5.16	5.04	5.05	5.08	1.27	ppb
Uranium	238-1	0.92	0.91	0.90	0.91	1.12	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:39:01	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.32	5.30	5.16	5.26	1.66	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	5.79	5.92	5.41	5.70	4.68	ppb
Zirconium	90-1	0.94	0.95	0.95	0.95	0.86	ppb
Zirconium	91-1	0.97	0.95	0.91	0.94	3.11	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	PB167612BL	Instrumnet Name :	P8
Client Sample ID :	PB167612BL	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:46:47	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.29	-0.37	0.19	-0.16		ppb
Antimony	121-1	0.00	0.01	0.00	0.01	26.14	ppb
Arsenic	75-2	0.00	0.00	-0.01	-0.01		ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	0.00	-0.01	-0.01	0.00		ppb
Beryllium	9-1	-0.01	-0.01	0.00	-0.01		ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	0.01	0.01	0.00	0.01	92.92	ppb
Cadmium	106-1	-0.09	-0.31	-0.12	-0.17		ppb
Cadmium	111-1	-0.01	-0.03	-0.01	-0.02		ppb
Calcium	43-1	-2.00	-1.31	-1.30	-1.54		ppb
Calcium	44-1	-1.35	-1.32	-0.80	-1.16		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	2433.98	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.01	0.01	0.01	0.01	9.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	54-2	0.24	0.03	0.31	0.19	75.51	ppb
Iron	56-2	0.09	0.03	0.08	0.06	43.99	ppb
Iron	57-2	0.47	0.08	0.11	0.22	97.04	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	0.00	0.00	76.87	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	PB167612BL	Instrumnet Name :	P8
Client Sample ID :	PB167612BL	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:46:47	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.01	0.01	0.01	0.01	27.10	ppb
Lead	208-1	0.01	0.01	0.01	0.01	31.91	ppb
Lithium	6-1				104		%
Magnesium	24-2	0.34	0.54	0.20	0.36	47.45	ppb
Manganese	55-2	-0.02	-0.03	0.03	-0.01		ppb
Molybdenum	94-1	0.01	0.02	0.01	0.01	20.34	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	3.52	ppb
Molybdenum	96-1	0.01	0.00	0.00	0.00	46.26	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	41.41	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	171.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.03	0.05	0.05	40.83	ppb
Phosphorus	31-2	-22.12	-17.66	-30.10	-23.29		ppb
Potassium	39-2	14.89	15.38	14.77	15.02	2.16	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	-0.20	0.01	-0.13	-0.10		ppb
Selenium	77-2	-0.11	-0.11	-0.11	-0.11		ppb
Selenium	78-2	0.59	0.02	-0.07	0.18	198.35	ppb
Silicon	28-1	0.10	-0.06	0.16	0.07	176.04	ppb
Silver	107-1	0.01	0.00	0.00	0.00	37.55	ppb
Silver	109-1	0.00	0.00	0.00	0.00	15.36	ppb
Sodium	23-2	17.41	17.25	17.15	17.27	0.73	ppb
Strontium	86-1	0.01	0.00	0.00	0.00	39.93	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	13.27	-23.10	31.09	7.09	389.63	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.01	0.01	0.01	14.81	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	6.46	ppb
Tin	118-1	-0.02	-0.02	-0.02	-0.02		ppb
Titanium	47-1	0.01	0.02	0.02	0.02	33.51	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	PB167612BL	Instrumnet Name :	P8
Client Sample ID :	PB167612BL	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:46:47	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	453.29	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	0.02	-0.02	0.00	0.00		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	123.95	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	95.50	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	PB167612BS	Instrumnet Name :	P8
Client Sample ID :	PB167612BS	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:50:10	DataFile Name :	026LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9814.51	9640.34	9982.01	9812.29	1.74	ppb
Antimony	121-1	498.00	500.36	512.07	503.48	1.50	ppb
Arsenic	75-2	500.87	507.66	504.55	504.36	0.67	ppb
Barium	135-1	2458.77	2470.57	2577.26	2502.20	2.61	ppb
Barium	137-1	2443.67	2517.90	2558.83	2506.80	2.33	ppb
Beryllium	9-1	492.18	492.19	499.16	494.51	0.81	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	498.01	511.69	528.95	512.88	3.02	ppb
Cadmium	106-1	496.67	508.46	519.76	508.30	2.27	ppb
Cadmium	111-1	503.05	513.37	529.97	515.46	2.64	ppb
Calcium	43-1	50730.49	51344.63	50291.15	50788.75	1.04	ppb
Calcium	44-1	50681.01	50419.76	50611.31	50570.69	0.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	507.57	505.67	510.57	507.94	0.49	ppb
Cobalt	59-2	497.33	496.25	499.81	497.80	0.37	ppb
Copper	63-2	5041.63	5052.17	5019.68	5037.82	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				93		%
Indium	115-2				90		%
Iron	54-2	25822.33	25793.20	26051.25	25888.92	0.55	ppb
Iron	56-2	25340.34	25375.23	25411.64	25375.74	0.14	ppb
Iron	57-2	25276.85	25283.99	25089.09	25216.64	0.44	ppb
Krypton	83-1						cps
Lead	206-1	2411.03	2461.82	2417.45	2430.10	1.14	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	PB167612BS	Instrumnet Name :	P8
Client Sample ID :	PB167612BS	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:50:10	DataFile Name :	026LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2407.90	2473.17	2400.75	2427.27	1.64	ppb
Lead	208-1	2404.37	2471.02	2409.47	2428.29	1.53	ppb
Lithium	6-1				99		%
Magnesium	24-2	51334.74	49841.94	50879.31	50685.33	1.51	ppb
Manganese	55-2	5029.10	5016.50	5058.92	5034.84	0.43	ppb
Molybdenum	94-1	4881.20	5002.78	4987.31	4957.10	1.34	ppb
Molybdenum	95-1	4890.91	4993.65	4977.77	4954.11	1.12	ppb
Molybdenum	96-1	4854.42	4940.84	4970.52	4921.93	1.23	ppb
Molybdenum	97-1	4891.37	4970.73	4977.01	4946.37	0.97	ppb
Molybdenum	98-1	4909.22	4921.84	4938.12	4923.06	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.55	501.18	500.92	502.55	0.52	ppb
Phosphorus	31-2	10490.73	10261.72	10604.12	10452.19	1.67	ppb
Potassium	39-2	24228.05	23920.08	24418.97	24189.03	1.04	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	82-1	494.15	497.82	502.15	498.04	0.80	ppb
Selenium	77-2	488.80	504.93	487.82	493.85	1.95	ppb
Selenium	78-2	498.83	507.66	508.49	504.99	1.06	ppb
Silicon	28-1	594.38	596.77	604.29	598.48	0.86	ppb
Silver	107-1	499.93	519.95	531.26	517.04	3.07	ppb
Silver	109-1	507.97	512.92	533.73	518.20	2.64	ppb
Sodium	23-2	51187.00	50162.34	50826.52	50725.29	1.02	ppb
Strontium	86-1	487.41	505.37	496.83	496.53	1.81	ppb
Strontium	88-1	487.90	501.70	502.39	497.33	1.64	ppb
Sulfur	34-1	10114.40	10081.06	10135.63	10110.36	0.27	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	479.07	492.53	480.64	484.08	1.52	ppb
Thallium	205-1	485.14	489.41	484.65	486.40	0.54	ppb
Tin	118-1	501.63	503.64	517.76	507.68	1.73	ppb
Titanium	47-1	4822.27	4884.07	4901.28	4869.21	0.85	ppb
Uranium	238-1	475.20	487.69	477.10	480.00	1.40	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	PB167612BS	Instrumnet Name :	P8
Client Sample ID :	PB167612BS	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:50:10	DataFile Name :	026LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	503.09	498.30	506.42	502.60	0.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	5017.01	4996.01	5023.94	5012.32	0.29	ppb
Zirconium	90-1	486.63	495.54	494.89	492.35	1.01	ppb
Zirconium	91-1	487.76	499.82	494.75	494.11	1.22	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	Q1812-02	Instrumnet Name :	P8
Client Sample ID :	RINSE-EB-TANK-041525	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:52:55	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.43	24.25	25.75	24.81	3.31	ppb
Antimony	121-1	0.16	0.14	0.13	0.14	8.65	ppb
Arsenic	75-2	0.22	0.25	0.20	0.23	12.53	ppb
Barium	135-1	22.69	23.03	22.58	22.77	1.03	ppb
Barium	137-1	22.56	22.91	22.76	22.75	0.76	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	2.84	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	0.07	0.01	0.01	0.03	107.58	ppb
Cadmium	106-1	-0.33	0.18	-0.50	-0.22		ppb
Cadmium	111-1	-0.01	0.04	-0.03	0.00	58621.58	ppb
Calcium	43-1	23689.86	23310.64	22638.18	23212.89	2.29	ppb
Calcium	44-1	23072.85	23544.73	22657.25	23091.61	1.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.27	0.27	0.22	0.25	10.77	ppb
Cobalt	59-2	0.04	0.03	0.03	0.03	6.79	ppb
Copper	63-2	19.60	19.27	19.56	19.48	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	54-2	27.93	26.32	27.46	27.23	3.03	ppb
Iron	56-2	27.20	26.46	26.57	26.75	1.50	ppb
Iron	57-2	29.25	28.55	26.11	27.97	5.88	ppb
Krypton	83-1						cps
Lead	206-1	0.32	0.29	0.27	0.29	8.24	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	Q1812-02	Instrumnet Name :	P8
Client Sample ID :	RINSE-EB-TANK-041525	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:52:55	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.31	0.29	0.25	0.29	10.46	ppb
Lead	208-1	0.31	0.28	0.26	0.28	8.42	ppb
Lithium	6-1				107		%
Magnesium	24-2	6447.05	6262.07	6384.53	6364.55	1.48	ppb
Manganese	55-2	5.66	5.53	5.62	5.60	1.16	ppb
Molybdenum	94-1	0.43	0.33	0.30	0.35	18.47	ppb
Molybdenum	95-1	0.37	0.32	0.29	0.33	12.66	ppb
Molybdenum	96-1	0.35	0.30	0.28	0.31	11.08	ppb
Molybdenum	97-1	0.36	0.31	0.27	0.31	14.15	ppb
Molybdenum	98-1	0.36	0.29	0.27	0.31	13.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.13	1.11	1.14	1.12	1.24	ppb
Phosphorus	31-2	-16.66	-15.94	-7.79	-13.46		ppb
Potassium	39-2	2329.47	2277.14	2335.83	2314.15	1.39	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	0.24	0.03	0.32	0.20	75.24	ppb
Selenium	77-2	0.20	-0.11	-0.11	0.00		ppb
Selenium	78-2	-0.45	0.00	-0.09	-0.18		ppb
Silicon	28-1	989.88	985.89	977.41	984.39	0.65	ppb
Silver	107-1	0.05	0.05	0.03	0.04	19.31	ppb
Silver	109-1	0.05	0.04	0.03	0.04	19.69	ppb
Sodium	23-2	20326.43	20058.05	20395.82	20260.10	0.88	ppb
Strontium	86-1	86.49	86.83	87.44	86.92	0.55	ppb
Strontium	88-1	90.74	91.08	91.94	91.25	0.68	ppb
Sulfur	34-1	4654.99	5037.28	4912.19	4868.16	4.00	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.05	0.04	0.04	0.04	15.43	ppb
Thallium	205-1	0.05	0.05	0.04	0.04	12.92	ppb
Tin	118-1	1.12	1.13	1.07	1.11	3.24	ppb
Titanium	47-1	0.56	0.49	0.43	0.49	12.86	ppb
Uranium	238-1	0.02	0.01	0.01	0.02	20.80	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	Q1812-02	Instrumnet Name :	P8
Client Sample ID :	RINSE-EB-TANK-041525	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:52:55	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.11	0.10	0.11	0.11	4.78	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	14.72	14.47	14.77	14.65	1.12	ppb
Zirconium	90-1	0.05	0.04	0.03	0.04	24.08	ppb
Zirconium	91-1	0.06	0.04	0.04	0.05	21.51	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	Q1812-03	Instrumnet Name :	P8
Client Sample ID :	RINSE-EB-PUMP-04152	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:58:04	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30.37	29.29	31.21	30.29	3.18	ppb
Antimony	121-1	0.15	0.16	0.15	0.15	2.44	ppb
Arsenic	75-2	0.43	0.45	0.41	0.43	4.67	ppb
Barium	135-1	23.68	23.81	23.99	23.83	0.67	ppb
Barium	137-1	24.00	23.79	23.96	23.92	0.46	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	59.90	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	0.01	0.02	0.05	0.03	63.18	ppb
Cadmium	106-1	-0.35	-0.15	-0.05	-0.18		ppb
Cadmium	111-1	-0.03	-0.01	0.00	-0.01		ppb
Calcium	43-1	23336.49	23485.16	23772.31	23531.32	0.94	ppb
Calcium	44-1	23128.32	23607.69	23439.74	23391.92	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.28	0.29	0.28	0.28	1.36	ppb
Cobalt	59-2	0.04	0.05	0.04	0.04	10.30	ppb
Copper	63-2	14.19	14.11	13.99	14.10	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				103		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	54-2	566.76	563.17	563.59	564.50	0.35	ppb
Iron	56-2	585.58	583.30	568.61	579.16	1.59	ppb
Iron	57-2	559.23	553.24	551.88	554.78	0.71	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.16	0.15	0.16	5.94	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	Q1812-03	Instrumnet Name :	P8
Client Sample ID :	RINSE-EB-PUMP-04152	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:58:04	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.17	0.15	0.15	0.16	5.77	ppb
Lead	208-1	0.16	0.15	0.15	0.15	4.40	ppb
Lithium	6-1				105		%
Magnesium	24-2	6570.12	6365.71	6469.28	6468.37	1.58	ppb
Manganese	55-2	16.80	16.96	16.70	16.82	0.78	ppb
Molybdenum	94-1	0.23	0.23	0.23	0.23	1.02	ppb
Molybdenum	95-1	0.20	0.21	0.21	0.21	1.19	ppb
Molybdenum	96-1	0.22	0.22	0.21	0.22	1.89	ppb
Molybdenum	97-1	0.21	0.22	0.23	0.22	3.91	ppb
Molybdenum	98-1	0.21	0.21	0.20	0.21	1.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.63	0.67	0.63	0.64	3.56	ppb
Phosphorus	31-2	-16.54	-3.48	-5.46	-8.49		ppb
Potassium	39-2	2404.29	2380.76	2394.33	2393.13	0.49	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	82-1	0.23	0.08	0.12	0.14	54.30	ppb
Selenium	77-2	-0.11	-0.11	0.50	0.10	362.57	ppb
Selenium	78-2	-0.08	0.27	0.71	0.30	132.28	ppb
Silicon	28-1	977.53	1011.63	989.83	993.00	1.74	ppb
Silver	107-1	0.01	0.01	0.01	0.01	15.91	ppb
Silver	109-1	0.01	0.01	0.01	0.01	9.30	ppb
Sodium	23-2	21153.27	20939.68	20686.70	20926.55	1.12	ppb
Strontium	86-1	87.18	87.48	87.65	87.43	0.27	ppb
Strontium	88-1	91.52	92.13	91.30	91.65	0.47	ppb
Sulfur	34-1	5508.46	5787.66	5633.68	5643.27	2.48	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.02	0.02	0.02	11.43	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	6.51	ppb
Tin	118-1	2.18	2.19	2.17	2.18	0.51	ppb
Titanium	47-1	0.41	0.38	0.38	0.39	4.70	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	11.35	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	Q1812-03	Instrumnet Name :	P8
Client Sample ID :	RINSE-EB-PUMP-04152	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:58:04	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.13	0.13	0.13	0.13	2.54	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	42.14	41.97	40.89	41.66	1.62	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	12.11	ppb
Zirconium	91-1	0.03	0.03	0.03	0.03	12.66	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 17:04:03	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49607.85	50092.31	49978.94	49893.03	0.51	ppb
Antimony	121-1	496.03	497.68	500.92	498.21	0.50	ppb
Arsenic	75-2	487.95	492.06	496.39	492.13	0.86	ppb
Barium	135-1	2493.90	2527.96	2529.64	2517.17	0.80	ppb
Barium	137-1	2465.74	2482.58	2510.39	2486.23	0.91	ppb
Beryllium	9-1	502.77	496.38	509.13	502.76	1.27	ppb
Bismuth	209-1				83		%
Bismuth	209-2				83		%
Bromine	81-1						cps
Cadmium	108-1	479.27	494.29	504.91	492.82	2.61	ppb
Cadmium	106-1	492.37	498.44	499.69	496.83	0.79	ppb
Cadmium	111-1	495.40	491.53	501.05	495.99	0.97	ppb
Calcium	43-1	250566.10	251084.11	253029.17	251559.80	0.52	ppb
Calcium	44-1	250888.91	251974.31	252564.38	251809.20	0.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	490.91	487.78	484.97	487.89	0.61	ppb
Cobalt	59-2	464.91	462.74	461.40	463.02	0.38	ppb
Copper	63-2	4479.55	4466.60	4491.97	4479.37	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				94		%
Indium	115-1				86		%
Indium	115-2				85		%
Iron	54-2	123699.81	124316.03	123223.83	123746.56	0.44	ppb
Iron	56-2	121244.01	121439.27	121249.39	121310.89	0.09	ppb
Iron	57-2	120862.54	122428.03	121565.06	121618.55	0.64	ppb
Krypton	83-1						cps
Lead	206-1	2381.59	2457.02	2454.47	2431.02	1.76	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 17:04:03	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2390.47	2454.88	2442.98	2429.45	1.41	ppb
Lead	208-1	2396.26	2440.01	2437.19	2424.49	1.01	ppb
Lithium	6-1				92		%
Magnesium	24-2	242577.85	244388.18	242514.88	243160.31	0.44	ppb
Manganese	55-2	4851.18	4819.14	4854.06	4841.46	0.40	ppb
Molybdenum	94-1	4895.35	4950.61	4950.80	4932.25	0.65	ppb
Molybdenum	95-1	4849.66	4965.25	4986.84	4933.92	1.49	ppb
Molybdenum	96-1	4775.16	4886.59	4887.69	4849.81	1.33	ppb
Molybdenum	97-1	4830.16	4983.51	4926.17	4913.28	1.58	ppb
Molybdenum	98-1	4865.87	4946.86	4896.71	4903.15	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	457.49	462.07	459.76	459.77	0.50	ppb
Phosphorus	31-2	10300.83	10299.33	10413.10	10337.75	0.63	ppb
Potassium	39-2	122914.00	123665.65	123554.50	123378.05	0.33	ppb
Rhodium	103-1				84		%
Rhodium	103-2				86		%
Scandium	45-1				95		%
Scandium	45-2				102		%
Selenium	82-1	468.10	479.56	470.61	472.76	1.27	ppb
Selenium	77-2	473.95	502.68	489.47	488.70	2.94	ppb
Selenium	78-2	507.05	484.13	498.18	496.45	2.33	ppb
Silicon	28-1	603.53	610.97	619.37	611.29	1.30	ppb
Silver	107-1	476.27	484.62	494.80	485.23	1.91	ppb
Silver	109-1	484.84	485.82	502.00	490.89	1.96	ppb
Sodium	23-2	240325.17	243153.90	242271.40	241916.82	0.60	ppb
Strontium	86-1	486.70	488.05	483.58	486.11	0.47	ppb
Strontium	88-1	484.09	489.82	484.85	486.25	0.64	ppb
Sulfur	34-1	10278.57	10358.41	10418.82	10351.93	0.68	ppb
Terbium	159-1				92		%
Terbium	159-2				93		%
Thallium	203-1	477.15	498.91	490.82	488.96	2.25	ppb
Thallium	205-1	479.78	492.02	490.67	487.49	1.38	ppb
Tin	118-1	500.29	501.18	505.23	502.23	0.52	ppb
Titanium	47-1	4758.92	4781.47	4817.02	4785.80	0.61	ppb
Uranium	238-1	490.64	496.98	502.06	496.56	1.15	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 17:04:03	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	498.29	498.18	496.21	497.56	0.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				93		%
Yttrium	89-2				95		%
Zinc	66-2	4527.07	4595.46	4567.11	4563.21	0.75	ppb
Zirconium	90-1	488.94	494.27	496.20	493.13	0.76	ppb
Zirconium	91-1	488.36	502.45	498.22	496.34	1.46	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 17:06:47	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.10	5.58	5.55	5.41	5.03	ppb
Antimony	121-1	0.11	0.10	0.08	0.09	13.61	ppb
Arsenic	75-2	0.01	0.02	0.01	0.01	72.21	ppb
Barium	135-1	0.07	0.03	0.04	0.05	41.28	ppb
Barium	137-1	0.06	0.05	0.04	0.05	21.57	ppb
Beryllium	9-1	0.05	0.04	0.04	0.05	10.74	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	0.03	0.03	0.02	0.03	9.92	ppb
Cadmium	106-1	-0.07	0.18	0.01	0.04	329.60	ppb
Cadmium	111-1	0.02	0.03	0.02	0.02	39.92	ppb
Calcium	43-1	5.61	3.19	2.19	3.66	47.88	ppb
Calcium	44-1	6.91	4.61	3.54	5.02	34.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.01	0.01	0.01	18.36	ppb
Cobalt	59-2	0.01	0.01	0.02	0.01	26.65	ppb
Copper	63-2	0.17	0.17	0.16	0.17	4.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	54-2	3.81	3.61	3.48	3.64	4.60	ppb
Iron	56-2	3.67	3.44	3.25	3.46	6.11	ppb
Iron	57-2	3.69	3.90	3.64	3.74	3.76	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.11	0.10	0.12	15.98	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 17:06:47	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.15	0.12	0.11	0.12	17.94	ppb
Lead	208-1	0.14	0.12	0.10	0.12	17.32	ppb
Lithium	6-1				106		%
Magnesium	24-2	3.49	3.45	3.37	3.43	1.74	ppb
Manganese	55-2	0.08	0.10	0.15	0.11	33.07	ppb
Molybdenum	94-1	0.20	0.16	0.13	0.17	22.90	ppb
Molybdenum	95-1	0.19	0.15	0.11	0.15	26.75	ppb
Molybdenum	96-1	0.19	0.14	0.10	0.14	30.45	ppb
Molybdenum	97-1	0.17	0.14	0.10	0.14	27.34	ppb
Molybdenum	98-1	0.17	0.12	0.11	0.13	24.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.01	0.01	50.81	ppb
Phosphorus	31-2	-18.14	-27.25	-20.63	-22.00		ppb
Potassium	39-2	32.12	28.93	30.70	30.58	5.21	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	0.01	-0.11	-0.11	-0.07		ppb
Selenium	77-2	-0.11	-0.11	-0.11	-0.11		ppb
Selenium	78-2	0.18	0.28	-0.08	0.12	151.51	ppb
Silicon	28-1	1.94	0.94	0.89	1.26	46.91	ppb
Silver	107-1	0.05	0.04	0.04	0.04	13.02	ppb
Silver	109-1	0.05	0.04	0.04	0.04	14.85	ppb
Sodium	23-2	34.79	33.62	32.85	33.76	2.90	ppb
Strontium	86-1	0.02	0.01	0.01	0.01	35.31	ppb
Strontium	88-1	0.02	0.01	0.01	0.02	22.06	ppb
Sulfur	34-1	77.08	117.54	108.13	100.92	20.98	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.03	0.03	0.04	16.94	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	9.62	ppb
Tin	118-1	0.01	0.12	0.00	0.04	156.44	ppb
Titanium	47-1	0.18	0.12	0.10	0.13	33.32	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	38.79	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 17:06:47	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.01	0.01	0.01	23.95	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	0.47	0.31	0.32	0.37	24.35	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	20.25	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	22.37	ppb

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:25:19	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	257	287	213	252	14.62	cps
Antimony	121-1	113	113	123	117	4.95	cps
Arsenic	75-2	10	17	3	10	66.70	cps
Barium	135-1	193	130	173	166	19.56	cps
Barium	137-1	297	317	277	297	6.74	cps
Beryllium	9-1	137	121	140	133	7.66	cps
Bismuth	209-1	6240379	6272061	6280758	6264399	0.34	cps
Bismuth	209-2	2805778	2809661	2823499	2812979	0.33	cps
Bromine	81-1	31916	31886	31860	31887	0.09	cps
Cadmium	108-1	13	7	20	13	49.99	cps
Cadmium	106-1	5728	5488	5478	5565	2.54	cps
Cadmium	111-1	4040	3873	3900	3938	2.27	cps
Calcium	43-1	1313	1147	1153	1205	7.83	cps
Calcium	44-1	32928	32257	32661	32615	1.04	cps
Carbon	12-1	3297764	3209504	3101966	3203078	3.06	cps
Carbon	12-2	21723	22394	22350	22156	1.69	cps
Chlorine	35-1	92120	90172	90202	90831	1.23	cps
Chlorine	35-2	480	410	350	413	15.74	cps
Chromium	52-2	1260	1330	1277	1289	2.84	cps
Cobalt	59-2	143	103	107	118	18.85	cps
Copper	63-2	2154	2087	2187	2142	2.38	cps
Dysprosium	156-1	7	20	20	16	49.47	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	50	83	87	73	27.65	cps
Erbium	164-2	20	13	30	21	39.75	cps
Gadolinium	160-1	87	57	67	70	21.82	cps
Gadolinium	160-2	10	17	7	11	45.82	cps
Holmium	165-1	10163865	10198301	10156978	10173048	0.22	cps
Holmium	165-2	3990163	3973114	3930019	3964432	0.78	cps
Indium	115-1	8796604	8945912	8847822	8863446	0.86	cps
Indium	115-2	1016762	1019804	1009954	1015507	0.50	cps
Iron	54-2	880	823	860	854	3.36	cps
Iron	56-2	10527	10831	10941	10766	1.99	cps
Iron	57-2	270	303	207	260	18.89	cps
Krypton	83-1	353	377	333	354	6.12	cps
Lead	206-1	1523	1493	1373	1463	5.42	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:25:19	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1200	1130	1260	1197	5.44	cps
Lead	208-1	5971	5604	5651	5742	3.48	cps
Lithium	6-1	2686229	2653113	2659362	2666235	0.66	cps
Magnesium	24-2	630	607	580	606	4.13	cps
Manganese	55-2	1460	1430	1523	1471	3.24	cps
Molybdenum	94-1	483	417	470	457	7.72	cps
Molybdenum	95-1	263	213	197	224	15.46	cps
Molybdenum	96-1	340	280	427	349	21.13	cps
Molybdenum	97-1	130	190	147	156	19.91	cps
Molybdenum	98-1	413	383	427	408	5.44	cps
Neodymium	150-1	20	0	20	13	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	790	850	817	819	3.67	cps
Phosphorus	31-2	140	190	130	153	20.96	cps
Potassium	39-2	19587	19123	19416	19375	1.21	cps
Rhodium	103-1	8376410	8208407	8289637	8291485	1.01	cps
Rhodium	103-2	3567772	3569557	3516909	3551412	0.84	cps
Scandium	45-1	5601450	5461537	5495109	5519365	1.32	cps
Scandium	45-2	124951	126565	125071	125529	0.72	cps
Selenium	82-1	3	-40	110	24	315.83	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	30	40	17	29	40.51	cps
Silicon	28-1	416664	412568	421374	416869	1.06	cps
Silver	107-1	170	157	210	179	15.51	cps
Silver	109-1	103	127	133	121	13.01	cps
Sodium	23-2	38123	37508	37622	37751	0.87	cps
Strontium	86-1	603	600	677	627	6.92	cps
Strontium	88-1	643	623	603	623	3.21	cps
Sulfur	34-1	607188	606039	608733	607320	0.22	cps
Terbium	159-1	10608817	10402687	10494510	10502004	0.98	cps
Terbium	159-2	3901014	3890959	3809205	3867059	1.30	cps
Thallium	203-1	347	263	280	297	14.86	cps
Thallium	205-1	700	687	667	684	2.45	cps
Tin	118-1	3551	3310	4517	3792	16.83	cps
Titanium	47-1	280	243	277	267	7.60	cps
Uranium	238-1	450	443	447	447	0.75	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:25:19	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	20	23	17	20	16.65	cps
Ytterbium	172-1	60	63	57	60	5.55	cps
Ytterbium	172-2	27	30	17	24	28.38	cps
Ytterbium	176-1	1297	1273	1223	1265	2.96	cps
Ytterbium	176-2	313	380	317	337	11.16	cps
Yttrium	89-1	15840976	15691325	15656490	15729597	0.62	cps
Yttrium	89-2	1294369	1300072	1284127	1292856	0.62	cps
Zinc	66-2	1857	1937	1940	1911	2.47	cps
Zirconium	90-1	1617	953	1063	1211	29.37	cps
Zirconium	91-1	267	190	150	202	29.32	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:32:05	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5164	5561	5038	5254	5.20	cps
Antimony	121-1	70554	70447	70444	70481	0.09	cps
Arsenic	75-2	923	983	910	939	4.16	cps
Barium	135-1	84119	85820	85347	85095	1.03	cps
Barium	137-1	147821	147881	148896	148199	0.41	cps
Beryllium	9-1	8254	8255	8340	8283	0.60	cps
Bismuth	209-1	6249116	6379009	6254959	6294361	1.17	cps
Bismuth	209-2	2868145	2841929	2793458	2834511	1.34	cps
Bromine	81-1	32374	31409	32257	32013	1.65	cps
Cadmium	108-1	800	727	830	786	6.77	cps
Cadmium	106-1	6225	6302	6475	6334	2.02	cps
Cadmium	111-1	13124	13059	12988	13057	0.52	cps
Calcium	43-1	55908	55570	56993	56157	1.32	cps
Calcium	44-1	937556	940713	943475	940581	0.31	cps
Carbon	12-1	3468676	3371066	3336773	3392172	2.02	cps
Carbon	12-2	23435	23021	23021	23159	1.03	cps
Chlorine	35-1	99253	98559	99394	99069	0.45	cps
Chlorine	35-2	507	430	430	456	9.72	cps
Chromium	52-2	18065	17644	17564	17758	1.51	cps
Cobalt	59-2	16723	16086	15986	16265	2.46	cps
Copper	63-2	26638	26986	26976	26867	0.74	cps
Dysprosium	156-1	27	17	27	23	24.74	cps
Dysprosium	156-2	7	13	20	13	49.99	cps
Erbium	164-1	60	33	67	53	33.08	cps
Erbium	164-2	13	33	30	26	41.94	cps
Gadolinium	160-1	130	117	133	127	6.96	cps
Gadolinium	160-2	7	23	17	16	53.90	cps
Holmium	165-1	10402165	10219386	10436381	10352644	1.13	cps
Holmium	165-2	4010888	3987632	3855764	3951428	2.12	cps
Indium	115-1	8976428	8941668	8944723	8954273	0.21	cps
Indium	115-2	1023637	1025502	1019265	1022801	0.31	cps
Iron	54-2	19153	19827	19306	19429	1.82	cps
Iron	56-2	341871	346077	341863	343271	0.71	cps
Iron	57-2	8693	8796	8679	8723	0.73	cps
Krypton	83-1	340	343	357	347	2.54	cps
Lead	206-1	27492	26955	27162	27203	1.00	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:32:05	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	22967	23485	23395	23282	1.19	cps
Lead	208-1	107826	107638	107950	107805	0.15	cps
Lithium	6-1	2703621	2750353	2733263	2729079	0.87	cps
Magnesium	24-2	236583	236394	233922	235633	0.63	cps
Manganese	55-2	5725	5968	5658	5783	2.82	cps
Molybdenum	94-1	72193	73603	72916	72904	0.97	cps
Molybdenum	95-1	90522	87523	90123	89389	1.82	cps
Molybdenum	96-1	100117	99822	99459	99799	0.33	cps
Molybdenum	97-1	55939	55096	55052	55362	0.90	cps
Molybdenum	98-1	143392	144574	144813	144260	0.53	cps
Neodymium	150-1	17	20	37	24	43.83	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	5084	5251	4964	5100	2.82	cps
Phosphorus	31-2	377	387	377	380	1.52	cps
Potassium	39-2	182198	182691	178665	181185	1.21	cps
Rhodium	103-1	8328079	8269912	8354826	8317605	0.52	cps
Rhodium	103-2	3593728	3570572	3540712	3568338	0.74	cps
Scandium	45-1	5586081	5525859	5536637	5549526	0.58	cps
Scandium	45-2	126033	126615	126944	126531	0.36	cps
Selenium	82-1	2944	2757	3104	2935	5.91	cps
Selenium	77-2	100	77	63	80	23.20	cps
Selenium	78-2	253	230	197	227	12.57	cps
Silicon	28-1	568755	563240	583144	571713	1.80	cps
Silver	107-1	44441	44622	45200	44755	0.89	cps
Silver	109-1	41549	42740	42288	42192	1.42	cps
Sodium	23-2	500615	502282	499738	500878	0.26	cps
Strontium	86-1	12449	12295	12025	12257	1.75	cps
Strontium	88-1	103896	104044	105901	104614	1.07	cps
Sulfur	34-1	625505	628934	627595	627345	0.28	cps
Terbium	159-1	10770921	10610286	10736288	10705832	0.79	cps
Terbium	159-2	3908879	3818439	3869006	3865441	1.17	cps
Thallium	203-1	31375	31054	30760	31063	0.99	cps
Thallium	205-1	75066	72544	73443	73684	1.73	cps
Tin	118-1	147238	147745	146393	147125	0.46	cps
Titanium	47-1	25539	25536	25012	25362	1.20	cps
Uranium	238-1	92722	94092	93669	93494	0.75	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:32:05	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	32186	31090	30696	31324	2.46	cps
Ytterbium	172-1	67	90	57	71	24.05	cps
Ytterbium	172-2	10	20	20	17	34.64	cps
Ytterbium	176-1	1433	1373	1350	1386	3.10	cps
Ytterbium	176-2	297	363	400	353	14.83	cps
Yttrium	89-1	15896337	15888294	15960349	15914993	0.25	cps
Yttrium	89-2	1313010	1304357	1307501	1308289	0.33	cps
Zinc	66-2	9270	8956	9180	9135	1.77	cps
Zirconium	90-1	62610	62697	62549	62619	0.12	cps
Zirconium	91-1	14304	13800	14031	14045	1.80	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:35:27	DataFile Name :	007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	122514	120813	120588	121305	0.87	cps
Antimony	121-1	1768729	1754625	1734746	1752700	0.97	cps
Arsenic	75-2	38486	38720	38803	38670	0.43	cps
Barium	135-1	2139592	2109476	2087492	2112187	1.24	cps
Barium	137-1	3594914	3629658	3570029	3598200	0.83	cps
Beryllium	9-1	378301	378638	375204	377381	0.50	cps
Bismuth	209-1	6303743	6233734	6246536	6261337	0.60	cps
Bismuth	209-2	2776310	2786224	2775186	2779240	0.22	cps
Bromine	81-1	31703	31950	31789	31814	0.39	cps
Cadmium	108-1	33040	34232	33531	33601	1.78	cps
Cadmium	106-1	53895	54182	54122	54066	0.28	cps
Cadmium	111-1	431942	431442	436418	433267	0.63	cps
Calcium	43-1	514232	516037	503667	511312	1.31	cps
Calcium	44-1	8494351	8506763	8405129	8468747	0.65	cps
Carbon	12-1	3756517	3719663	3646906	3707695	1.50	cps
Carbon	12-2	25138	25215	24881	25078	0.70	cps
Chlorine	35-1	108059	107475	106179	107238	0.90	cps
Chlorine	35-2	433	480	450	454	5.20	cps
Chromium	52-2	380448	374998	370242	375229	1.36	cps
Cobalt	59-2	698201	702311	690344	696952	0.87	cps
Copper	63-2	5707788	5585134	5597523	5630149	1.20	cps
Dysprosium	156-1	63	47	53	54	15.40	cps
Dysprosium	156-2	7	3	17	9	78.08	cps
Erbium	164-1	63	73	103	80	26.02	cps
Erbium	164-2	23	33	30	29	17.63	cps
Gadolinium	160-1	140	123	110	124	12.08	cps
Gadolinium	160-2	23	33	47	34	34.00	cps
Holmium	165-1	10736447	10385397	10407620	10509821	1.87	cps
Holmium	165-2	3978526	3961200	3946773	3962166	0.40	cps
Indium	115-1	8871402	8917082	8843027	8877170	0.42	cps
Indium	115-2	997317	996466	989015	994266	0.46	cps
Iron	54-2	793556	788652	788350	790186	0.37	cps
Iron	56-2	14775934	14724968	14608710	14703204	0.58	cps
Iron	57-2	359891	362676	355892	359486	0.95	cps
Krypton	83-1	373	387	317	359	10.36	cps
Lead	206-1	6260006	6232543	6186056	6226202	0.60	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:35:27	DataFile Name :	007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5275327	5260135	5254183	5263215	0.21	cps
Lead	208-1	24429022	24407264	24158771	24331685	0.62	cps
Lithium	6-1	2727983	2693396	2650504	2690628	1.44	cps
Magnesium	24-2	2135201	2125872	2124763	2128612	0.27	cps
Manganese	55-2	1733102	1703991	1703010	1713367	1.00	cps
Molybdenum	94-1	5880705	5956859	5920869	5919478	0.64	cps
Molybdenum	95-1	8667971	8638444	8648161	8651525	0.17	cps
Molybdenum	96-1	9419747	9460788	9522852	9467796	0.55	cps
Molybdenum	97-1	5373411	5316675	5372501	5354196	0.61	cps
Molybdenum	98-1	13940604	13775070	13913455	13876376	0.64	cps
Neodymium	150-1	173	140	140	151	12.74	cps
Neodymium	150-2	10	0	17	9	94.38	cps
Nickel	60-2	191341	193768	190166	191758	0.96	cps
Phosphorus	31-2	6311	6492	6748	6517	3.37	cps
Potassium	39-2	761137	763393	752402	758977	0.76	cps
Rhodium	103-1	8295876	8165394	8267670	8242980	0.83	cps
Rhodium	103-2	3433018	3518571	3461022	3470870	1.26	cps
Scandium	45-1	5516680	5562475	5450478	5509878	1.02	cps
Scandium	45-2	121693	123018	119200	121304	1.60	cps
Selenium	82-1	26312	26399	26800	26504	0.98	cps
Selenium	77-2	680	597	553	610	10.55	cps
Selenium	78-2	1727	1873	1990	1863	7.08	cps
Silicon	28-1	2498711	2518209	2539421	2518781	0.81	cps
Silver	107-1	2278457	2265235	2280532	2274741	0.36	cps
Silver	109-1	2127512	2143605	2116707	2129275	0.64	cps
Sodium	23-2	4253383	4213467	4179561	4215470	0.88	cps
Strontium	86-1	542767	549884	543923	545525	0.70	cps
Strontium	88-1	4897922	4948585	4893583	4913363	0.62	cps
Sulfur	34-1	785480	779270	772349	779033	0.84	cps
Terbium	159-1	10669941	10672262	10655000	10665734	0.09	cps
Terbium	159-2	3860246	3807855	3881944	3850015	0.99	cps
Thallium	203-1	1466679	1465218	1461474	1464457	0.18	cps
Thallium	205-1	3639977	3593521	3557920	3597139	1.14	cps
Tin	118-1	1370075	1383910	1361905	1371963	0.81	cps
Titanium	47-1	2391413	2341772	2385159	2372782	1.14	cps
Uranium	238-1	4553320	4606905	4525835	4562020	0.90	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:35:27	DataFile Name :	007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	285515	283444	281011	283323	0.80	cps
Ytterbium	172-1	93	93	110	99	9.73	cps
Ytterbium	172-2	37	23	37	32	23.90	cps
Ytterbium	176-1	8119	8203	8673	8332	3.58	cps
Ytterbium	176-2	2977	2580	2797	2785	7.13	cps
Yttrium	89-1	15885153	15926008	15865170	15892110	0.20	cps
Yttrium	89-2	1282582	1268546	1260254	1270461	0.89	cps
Zinc	66-2	630331	628294	624127	627584	0.50	cps
Zirconium	90-1	2972680	3043067	3001192	3005646	1.18	cps
Zirconium	91-1	634720	644627	636191	638513	0.84	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:39:59	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	285503	286292	287162	286319	0.29	cps
Antimony	121-1	4323492	4331684	4330369	4328515	0.10	cps
Arsenic	75-2	92860	92947	92541	92783	0.23	cps
Barium	135-1	5177410	5195265	5234364	5202346	0.56	cps
Barium	137-1	8830104	8771575	8758307	8786662	0.43	cps
Beryllium	9-1	900966	901792	894204	898988	0.46	cps
Bismuth	209-1	6247083	6284550	6226307	6252647	0.47	cps
Bismuth	209-2	2709904	2786106	2743865	2746625	1.39	cps
Bromine	81-1	31111	31118	31202	31144	0.16	cps
Cadmium	108-1	83826	83802	84510	84046	0.48	cps
Cadmium	106-1	125656	125716	123234	124869	1.13	cps
Cadmium	111-1	1056865	1061494	1068891	1062417	0.57	cps
Calcium	43-1	1262600	1259413	1254156	1258723	0.34	cps
Calcium	44-1	20736361	20573615	20344381	20551452	0.96	cps
Carbon	12-1	3814647	3806115	3737016	3785926	1.12	cps
Carbon	12-2	26671	26421	25723	26271	1.87	cps
Chlorine	35-1	113265	112650	112234	112716	0.46	cps
Chlorine	35-2	537	527	520	528	1.59	cps
Chromium	52-2	888810	886857	885900	887189	0.17	cps
Cobalt	59-2	1746271	1738172	1675459	1719967	2.25	cps
Copper	63-2	13283520	13299679	13160362	13247854	0.58	cps
Dysprosium	156-1	93	83	90	89	5.73	cps
Dysprosium	156-2	20	30	30	27	21.65	cps
Erbium	164-1	153	140	143	146	4.77	cps
Erbium	164-2	43	67	43	51	26.37	cps
Gadolinium	160-1	127	97	113	112	13.39	cps
Gadolinium	160-2	27	37	27	30	19.24	cps
Holmium	165-1	10470983	10439430	10302437	10404283	0.86	cps
Holmium	165-2	3933862	3925365	3888218	3915815	0.62	cps
Indium	115-1	8826299	8786446	8661445	8758064	0.98	cps
Indium	115-2	960128	957361	954123	957204	0.31	cps
Iron	54-2	1922551	1919733	1933749	1925344	0.39	cps
Iron	56-2	35062351	34638680	34612090	34771041	0.73	cps
Iron	57-2	858032	851317	846972	852107	0.65	cps
Krypton	83-1	393	380	337	370	8.01	cps
Lead	206-1	15436694	15536986	15488945	15487542	0.32	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:39:59	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	13099734	13233269	13196409	13176471	0.52	cps
Lead	208-1	60787882	61184574	61107477	61026644	0.34	cps
Lithium	6-1	2634207	2635741	2576437	2615462	1.29	cps
Magnesium	24-2	5011783	4980305	4950228	4980772	0.62	cps
Manganese	55-2	4020405	4005459	3999440	4008435	0.27	cps
Molybdenum	94-1	14628537	14770848	14696441	14698609	0.48	cps
Molybdenum	95-1	21337680	21667074	21310066	21438273	0.93	cps
Molybdenum	96-1	23402465	23602425	23279341	23428077	0.70	cps
Molybdenum	97-1	13100874	13177046	13237488	13171803	0.52	cps
Molybdenum	98-1	34291689	34071492	34314153	34225778	0.39	cps
Neodymium	150-1	297	320	417	344	18.47	cps
Neodymium	150-2	17	10	30	19	53.91	cps
Nickel	60-2	455325	456105	450725	454052	0.64	cps
Phosphorus	31-2	15395	14688	15205	15096	2.43	cps
Potassium	39-2	1777151	1789336	1793053	1786513	0.47	cps
Rhodium	103-1	8054116	7971635	7936112	7987287	0.76	cps
Rhodium	103-2	3343123	3415515	3360188	3372942	1.12	cps
Scandium	45-1	5476049	5330243	5280504	5362265	1.90	cps
Scandium	45-2	117290	116356	116060	116569	0.55	cps
Selenium	82-1	63947	64161	65407	64505	1.22	cps
Selenium	77-2	1227	1350	1227	1268	5.62	cps
Selenium	78-2	4447	4191	4481	4373	3.63	cps
Silicon	28-1	5014385	5001437	4975033	4996952	0.40	cps
Silver	107-1	5535352	5531276	5498613	5521747	0.36	cps
Silver	109-1	5176946	5228441	5294794	5233394	1.13	cps
Sodium	23-2	9911842	9805769	9821834	9846482	0.58	cps
Strontium	86-1	1330253	1337129	1331383	1332921	0.28	cps
Strontium	88-1	12121950	12064561	12033572	12073361	0.37	cps
Sulfur	34-1	992013	978888	966822	979241	1.29	cps
Terbium	159-1	10583703	10700567	10633676	10639315	0.55	cps
Terbium	159-2	3820501	3860903	3827855	3836420	0.56	cps
Thallium	203-1	3792888	3865755	3813626	3824090	0.98	cps
Thallium	205-1	8874374	8907932	8818153	8866820	0.51	cps
Tin	118-1	3529796	3593685	3557463	3560315	0.90	cps
Titanium	47-1	5699802	5698196	5635614	5677871	0.64	cps
Uranium	238-1	11330847	11493538	11429772	11418052	0.72	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:39:59	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	674792	675976	672902	674557	0.23	cps
Ytterbium	172-1	130	140	97	122	18.56	cps
Ytterbium	172-2	43	43	47	44	4.34	cps
Ytterbium	176-1	18650	18763	19154	18856	1.40	cps
Ytterbium	176-2	6945	6568	6268	6594	5.14	cps
Yttrium	89-1	15676589	15374227	15533911	15528242	0.97	cps
Yttrium	89-2	1228254	1237558	1230833	1232215	0.39	cps
Zinc	66-2	1557434	1566605	1563101	1562380	0.30	cps
Zirconium	90-1	7293281	7271314	7351897	7305497	0.57	cps
Zirconium	91-1	1657804	1673548	1668358	1666570	0.48	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:42:53	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	557677	558882	559650	558736	0.18	cps
Antimony	121-1	8302969	8314289	8357151	8324803	0.34	cps
Arsenic	75-2	182593	183528	182563	182895	0.30	cps
Barium	135-1	10137169	10110100	10001463	10082911	0.71	cps
Barium	137-1	17449347	17434301	17490929	17458193	0.17	cps
Beryllium	9-1	1684756	1652441	1660285	1665827	1.01	cps
Bismuth	209-1	6000449	6062171	5897137	5986586	1.39	cps
Bismuth	209-2	2634407	2638014	2612854	2628425	0.52	cps
Bromine	81-1	30423	30072	30700	30398	1.04	cps
Cadmium	108-1	163024	162964	162506	162831	0.17	cps
Cadmium	106-1	239235	238073	234171	237160	1.12	cps
Cadmium	111-1	2166973	2137314	2163376	2155888	0.75	cps
Calcium	43-1	2481183	2404189	2425812	2437061	1.63	cps
Calcium	44-1	39731707	39796272	39892883	39806954	0.20	cps
Carbon	12-1	3867970	3931394	3942709	3914024	1.03	cps
Carbon	12-2	28508	28985	28675	28723	0.84	cps
Chlorine	35-1	118934	119881	119512	119442	0.40	cps
Chlorine	35-2	590	550	453	531	13.23	cps
Chromium	52-2	1814040	1814086	1802713	1810280	0.36	cps
Cobalt	59-2	3340492	3352452	3354582	3349175	0.23	cps
Copper	63-2	25932259	25637743	25780570	25783524	0.57	cps
Dysprosium	156-1	173	160	190	174	8.62	cps
Dysprosium	156-2	40	30	57	42	31.91	cps
Erbium	164-1	120	170	190	160	22.53	cps
Erbium	164-2	50	53	63	56	12.49	cps
Gadolinium	160-1	190	153	130	158	19.17	cps
Gadolinium	160-2	40	27	33	33	20.00	cps
Holmium	165-1	10110805	10199312	10030362	10113493	0.84	cps
Holmium	165-2	3844200	3874974	3812448	3843874	0.81	cps
Indium	115-1	8269402	8251283	8396206	8305630	0.95	cps
Indium	115-2	916930	920309	916690	917976	0.22	cps
Iron	54-2	3759750	3770352	3705551	3745218	0.93	cps
Iron	56-2	67762864	67877417	67099696	67579992	0.62	cps
Iron	57-2	1751366	1733346	1702731	1729148	1.42	cps
Krypton	83-1	337	360	347	348	3.37	cps
Lead	206-1	30714098	31396270	30143785	30751385	2.04	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:42:53	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	26142125	26157239	25861262	26053542	0.64	cps
Lead	208-1	120463880	122095447	118268377	120275901	1.60	cps
Lithium	6-1	2498865	2490007	2454001	2480957	0.96	cps
Magnesium	24-2	9770373	9724646	9614802	9703274	0.82	cps
Manganese	55-2	7912050	7719969	7794697	7808905	1.24	cps
Molybdenum	94-1	28605142	28999902	28968891	28857978	0.76	cps
Molybdenum	95-1	41602819	42100458	41808524	41837267	0.60	cps
Molybdenum	96-1	45600699	46279191	45861308	45913733	0.75	cps
Molybdenum	97-1	25821482	26063311	25706515	25863770	0.70	cps
Molybdenum	98-1	67463667	68119494	66456851	67346671	1.24	cps
Neodymium	150-1	683	730	713	709	3.34	cps
Neodymium	150-2	27	13	37	26	45.82	cps
Nickel	60-2	881825	880794	874850	879157	0.43	cps
Phosphorus	31-2	28969	28762	29250	28993	0.84	cps
Potassium	39-2	3526684	3481022	3466743	3491483	0.90	cps
Rhodium	103-1	7754761	7792561	7542911	7696744	1.75	cps
Rhodium	103-2	3279150	3282388	3264203	3275247	0.30	cps
Scandium	45-1	5095625	5094207	5025058	5071630	0.80	cps
Scandium	45-2	112398	113050	114135	113195	0.78	cps
Selenium	82-1	123605	124365	125754	124575	0.87	cps
Selenium	77-2	2394	2794	2470	2552	8.32	cps
Selenium	78-2	8586	8529	8169	8428	2.68	cps
Silicon	28-1	8560358	8732986	8644710	8646018	1.00	cps
Silver	107-1	10483379	10625472	10631778	10580210	0.79	cps
Silver	109-1	10049494	10200209	10169400	10139701	0.79	cps
Sodium	23-2	19277686	19299774	19016631	19198030	0.82	cps
Strontium	86-1	2741451	2767309	2750569	2753110	0.48	cps
Strontium	88-1	23672431	23555935	23955237	23727868	0.87	cps
Sulfur	34-1	1150269	1158693	1134347	1147770	1.08	cps
Terbium	159-1	10528182	10577430	10317428	10474346	1.32	cps
Terbium	159-2	3765317	3690024	3714477	3723273	1.03	cps
Thallium	203-1	7584915	7656610	7410468	7550664	1.68	cps
Thallium	205-1	17695211	18011843	17296251	17667769	2.03	cps
Tin	118-1	6815728	6815444	6877896	6836356	0.53	cps
Titanium	47-1	10956821	10989236	10868915	10938324	0.57	cps
Uranium	238-1	22689369	22422510	22339046	22483642	0.81	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:42:53	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1378840	1359750	1342057	1360215	1.35	cps
Ytterbium	172-1	163	207	183	184	11.76	cps
Ytterbium	172-2	33	103	63	67	52.68	cps
Ytterbium	176-1	35815	35661	36052	35843	0.55	cps
Ytterbium	176-2	12953	12756	12860	12856	0.77	cps
Yttrium	89-1	15109529	15077177	15183639	15123448	0.36	cps
Yttrium	89-2	1191348	1197176	1193126	1193884	0.25	cps
Zinc	66-2	3034053	3013613	3011940	3019869	0.41	cps
Zirconium	90-1	14380434	14322686	14610475	14437865	1.05	cps
Zirconium	91-1	3274520	3221685	3302181	3266129	1.25	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:45:40	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1062657	1073136	1070173	1068655	0.51	cps
Antimony	121-1	16160970	16397226	16180464	16246220	0.81	cps
Arsenic	75-2	353263	353712	353742	353573	0.08	cps
Barium	135-1	19559343	19777388	19667371	19668034	0.55	cps
Barium	137-1	33916950	33880147	33933242	33910113	0.08	cps
Beryllium	9-1	3101186	3120215	3125738	3115713	0.41	cps
Bismuth	209-1	5858986	5872198	5933939	5888374	0.68	cps
Bismuth	209-2	2533209	2583631	2558913	2558584	0.99	cps
Bromine	81-1	31669	31385	30781	31278	1.45	cps
Cadmium	108-1	313814	314642	312580	313679	0.33	cps
Cadmium	106-1	455854	454554	458066	456158	0.39	cps
Cadmium	111-1	4074025	4137698	4117119	4109614	0.79	cps
Calcium	43-1	4636987	4687371	4646667	4657008	0.57	cps
Calcium	44-1	76931892	77474832	77091456	77166060	0.36	cps
Carbon	12-1	4258640	4319157	4419790	4332529	1.88	cps
Carbon	12-2	33121	33478	34100	33566	1.48	cps
Chlorine	35-1	136392	138761	141524	138892	1.85	cps
Chlorine	35-2	620	570	643	611	6.13	cps
Chromium	52-2	3491966	3471328	3472680	3478658	0.33	cps
Cobalt	59-2	6401295	6345001	6394159	6380152	0.48	cps
Copper	63-2	49135111	49135181	48967298	49079196	0.20	cps
Dysprosium	156-1	477	360	363	400	16.60	cps
Dysprosium	156-2	47	40	50	46	11.18	cps
Erbium	164-1	267	257	280	268	4.37	cps
Erbium	164-2	77	60	87	74	18.10	cps
Gadolinium	160-1	223	217	167	202	15.32	cps
Gadolinium	160-2	70	63	67	67	5.00	cps
Holmium	165-1	10038975	10117803	9869934	10008904	1.27	cps
Holmium	165-2	3805207	3833284	3784482	3807657	0.64	cps
Indium	115-1	7998036	8119216	7923135	8013462	1.23	cps
Indium	115-2	866849	872284	869219	869451	0.31	cps
Iron	54-2	7158398	7262342	7170791	7197177	0.79	cps
Iron	56-2	130571771	130806451	131350188	130909470	0.31	cps
Iron	57-2	3323904	3424418	3353547	3367290	1.53	cps
Krypton	83-1	403	357	343	368	8.57	cps
Lead	206-1	58754927	59321441	59094181	59056850	0.48	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:45:40	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	50020913	49992924	50425819	50146552	0.48	cps
Lead	208-1	230297082	231932967	233803012	232011020	0.76	cps
Lithium	6-1	2440844	2454355	2411672	2435624	0.90	cps
Magnesium	24-2	18490465	18787589	18672086	18650047	0.80	cps
Manganese	55-2	15206116	15192766	15053057	15150646	0.56	cps
Molybdenum	94-1	55996923	55959204	55483403	55813176	0.51	cps
Molybdenum	95-1	81583525	81695217	81164852	81481198	0.34	cps
Molybdenum	96-1	89031509	88315135	88976782	88774475	0.45	cps
Molybdenum	97-1	49620244	50313828	50491176	50141749	0.92	cps
Molybdenum	98-1	131186278	130241281	130858515	130762025	0.37	cps
Neodymium	150-1	1423	1390	1463	1426	2.58	cps
Neodymium	150-2	50	87	97	78	31.59	cps
Nickel	60-2	1776744	1803649	1782412	1787602	0.79	cps
Phosphorus	31-2	55124	54856	55188	55056	0.32	cps
Potassium	39-2	6779052	6711187	6671533	6720591	0.81	cps
Rhodium	103-1	7410170	7531719	7398473	7446787	0.99	cps
Rhodium	103-2	3218993	3230755	3197342	3215697	0.53	cps
Scandium	45-1	5046040	5096775	4946197	5029671	1.52	cps
Scandium	45-2	114223	114777	113383	114127	0.61	cps
Selenium	82-1	238028	239270	240003	239100	0.42	cps
Selenium	77-2	4794	4561	4774	4710	2.75	cps
Selenium	78-2	16780	16643	15942	16455	2.73	cps
Silicon	28-1	19995559	20050281	20090791	20045543	0.24	cps
Silver	107-1	20557697	20496010	20596411	20550039	0.25	cps
Silver	109-1	18996023	19355211	19286436	19212557	0.99	cps
Sodium	23-2	36901104	37275342	37056013	37077486	0.51	cps
Strontium	86-1	5219753	5284241	5298208	5267400	0.79	cps
Strontium	88-1	45965661	46088601	46690506	46248256	0.84	cps
Sulfur	34-1	1653106	1660129	1684527	1665921	0.99	cps
Terbium	159-1	10522434	10482361	10204082	10402959	1.67	cps
Terbium	159-2	3675516	3716959	3709714	3700730	0.60	cps
Thallium	203-1	14289443	14554896	14478941	14441093	0.95	cps
Thallium	205-1	33595313	34128470	34288769	34004184	1.07	cps
Tin	118-1	13205987	13317510	13215251	13246249	0.47	cps
Titanium	47-1	21185141	21172213	21118803	21158719	0.17	cps
Uranium	238-1	43470396	44619626	45001784	44363935	1.80	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:45:40	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2664511	2657686	2624375	2648857	0.81	cps
Ytterbium	172-1	357	327	287	323	10.86	cps
Ytterbium	172-2	90	120	133	114	19.40	cps
Ytterbium	176-1	68537	68845	69347	68910	0.59	cps
Ytterbium	176-2	24903	25121	25762	25262	1.77	cps
Yttrium	89-1	14863004	14971472	14740309	14858262	0.78	cps
Yttrium	89-2	1173752	1187145	1171022	1177306	0.73	cps
Zinc	66-2	5749799	5728566	5659623	5712663	0.83	cps
Zirconium	90-1	28038360	28225611	28233936	28165969	0.39	cps
Zirconium	91-1	6339689	6240968	6261132	6280596	0.83	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:48:25	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2127317	2095224	2104827	2109122	0.78	cps
Antimony	121-1	31593910	31858101	31948533	31800181	0.58	cps
Arsenic	75-2	687658	676215	674606	679493	1.05	cps
Barium	135-1	38563350	39030434	38889709	38827831	0.62	cps
Barium	137-1	67373282	67274907	66834822	67161004	0.43	cps
Beryllium	9-1	5991469	6067935	6014154	6024519	0.65	cps
Bismuth	209-1	5585439	5561751	5422926	5523372	1.59	cps
Bismuth	209-2	2449888	2436367	2461630	2449295	0.52	cps
Bromine	81-1	32274	32080	30994	31783	2.17	cps
Cadmium	108-1	605184	609886	607008	607359	0.39	cps
Cadmium	106-1	876138	883017	875832	878329	0.46	cps
Cadmium	111-1	7830073	7863244	7958603	7883974	0.85	cps
Calcium	43-1	9107876	9170524	9101870	9126757	0.42	cps
Calcium	44-1	150448231	150879394	150903441	150743689	0.17	cps
Carbon	12-1	5015591	5223159	5349619	5196123	3.25	cps
Carbon	12-2	40746	40529	40890	40722	0.45	cps
Chlorine	35-1	184094	188942	191043	188027	1.90	cps
Chlorine	35-2	903	857	800	853	6.06	cps
Chromium	52-2	6744886	6767747	6602130	6704921	1.34	cps
Cobalt	59-2	12282329	12295691	12152114	12243378	0.65	cps
Copper	63-2	94267882	92936272	92199102	93134419	1.13	cps
Dysprosium	156-1	707	727	740	724	2.32	cps
Dysprosium	156-2	113	117	113	114	1.68	cps
Erbium	164-1	423	443	433	433	2.31	cps
Erbium	164-2	110	90	123	108	15.57	cps
Gadolinium	160-1	350	453	387	397	13.21	cps
Gadolinium	160-2	117	120	140	126	10.05	cps
Holmium	165-1	9749710	9829621	9835737	9805022	0.49	cps
Holmium	165-2	3777038	3732318	3697092	3735483	1.07	cps
Indium	115-1	7410579	7435192	7525516	7457096	0.81	cps
Indium	115-2	783102	778661	775257	779007	0.50	cps
Iron	54-2	13957944	13906883	13828834	13897887	0.47	cps
Iron	56-2	255304296	252850563	250639876	252931578	0.92	cps
Iron	57-2	6449887	6404635	6334665	6396396	0.91	cps
Krypton	83-1	390	303	410	368	15.42	cps
Lead	206-1	113479595	115262785	117524965	115422448	1.76	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:48:25	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	96098952	97939312	99876829	97971697	1.93	cps
Lead	208-1	444641777	452291073	458803090	451911980	1.57	cps
Lithium	6-1	2333505	2282245	2321308	2312353	1.16	cps
Magnesium	24-2	36380629	36084524	35725784	36063646	0.91	cps
Manganese	55-2	29731463	29733578	29269665	29578235	0.90	cps
Molybdenum	94-1	110750762	110912702	109361972	110341812	0.77	cps
Molybdenum	95-1	159267428	158695754	158666938	158876707	0.21	cps
Molybdenum	96-1	174966411	176967837	176833984	176256077	0.63	cps
Molybdenum	97-1	98321212	98606235	97822072	98249840	0.40	cps
Molybdenum	98-1	257963136	260416249	257184256	258521214	0.65	cps
Neodymium	150-1	2890	2720	2770	2794	3.13	cps
Neodymium	150-2	87	133	100	107	22.54	cps
Nickel	60-2	3420004	3400851	3392685	3404513	0.41	cps
Phosphorus	31-2	107192	104637	103681	105170	1.73	cps
Potassium	39-2	13161212	12956852	12828382	12982149	1.29	cps
Rhodium	103-1	7051900	7122303	7077239	7083814	0.50	cps
Rhodium	103-2	3023505	3019164	3004777	3015815	0.33	cps
Scandium	45-1	4886928	4839351	4860810	4862363	0.49	cps
Scandium	45-2	113124	111928	111129	112060	0.90	cps
Selenium	82-1	461815	458155	459300	459756	0.41	cps
Selenium	77-2	9126	9110	9560	9265	2.76	cps
Selenium	78-2	31328	30446	31008	30927	1.44	cps
Silicon	28-1	30037792	30159055	30140519	30112455	0.22	cps
Silver	107-1	39004181	39351778	38515279	38957079	1.08	cps
Silver	109-1	36651129	36927629	37196321	36925026	0.74	cps
Sodium	23-2	72094859	71807511	71373307	71758559	0.51	cps
Strontium	86-1	10370866	10371148	10464035	10402017	0.52	cps
Strontium	88-1	90980362	91065559	90555269	90867063	0.30	cps
Sulfur	34-1	2765172	2764148	2734092	2754471	0.64	cps
Terbium	159-1	10018804	10080890	10152477	10084057	0.66	cps
Terbium	159-2	3586481	3570167	3578507	3578385	0.23	cps
Thallium	203-1	28063870	28096531	28679665	28280022	1.23	cps
Thallium	205-1	65869192	65701669	68006624	66525828	1.93	cps
Tin	118-1	25662086	25706685	26239720	25869497	1.24	cps
Titanium	47-1	42045308	42312919	42262858	42207028	0.34	cps
Uranium	238-1	86873189	88197595	86044445	87038410	1.25	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:48:25	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	5189043	5069066	5034078	5097396	1.59	cps
Ytterbium	172-1	423	500	533	486	11.62	cps
Ytterbium	172-2	233	213	210	219	5.77	cps
Ytterbium	176-1	134507	135696	134847	135017	0.45	cps
Ytterbium	176-2	49733	50161	49496	49797	0.68	cps
Yttrium	89-1	14506252	14521169	14448128	14491850	0.27	cps
Yttrium	89-2	1143618	1126239	1133009	1134289	0.77	cps
Zinc	66-2	10977448	10825159	10736984	10846530	1.12	cps
Zirconium	90-1	56041706	55502973	55649293	55731324	0.50	cps
Zirconium	91-1	12436534	12298260	12297322	12344039	0.65	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:51:15	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10928272	10823587	10575894	10775918	1.68	cps
Antimony	121-1	18586	17551	17144	17761	4.19	cps
Arsenic	75-2	413	340	317	357	14.14	cps
Barium	135-1	14802	14198	13594	14198	4.25	cps
Barium	137-1	25621	25394	24529	25181	2.29	cps
Beryllium	9-1	794	722	617	711	12.47	cps
Bismuth	209-1	4872550	4806352	4797889	4825597	0.85	cps
Bismuth	209-2	2194727	2021524	2199358	2138536	4.74	cps
Bromine	81-1	30035	30183	30981	30400	1.67	cps
Cadmium	108-1	243	210	210	221	8.71	cps
Cadmium	106-1	5251	5088	5004	5114	2.45	cps
Cadmium	111-1	4475	4368	4336	4393	1.66	cps
Calcium	43-1	42897297	42617973	42346259	42620509	0.65	cps
Calcium	44-1	707186656	706559669	701595136	705113821	0.43	cps
Carbon	12-1	4106436	4085812	4029276	4073841	0.98	cps
Carbon	12-2	39870	38952	38490	39104	1.80	cps
Chlorine	35-1	106075	107310	106001	106462	0.69	cps
Chlorine	35-2	570	520	477	522	8.94	cps
Chromium	52-2	56565	56866	55604	56345	1.17	cps
Cobalt	59-2	25189	25433	24718	25113	1.45	cps
Copper	63-2	25754	25713	24738	25402	2.26	cps
Dysprosium	156-1	1033	1047	1057	1046	1.12	cps
Dysprosium	156-2	330	327	347	334	3.21	cps
Erbium	164-1	1120	1307	1277	1235	8.12	cps
Erbium	164-2	433	433	373	413	8.38	cps
Gadolinium	160-1	983	963	847	931	7.93	cps
Gadolinium	160-2	457	457	383	432	9.80	cps
Holmium	165-1	9150186	9130754	9096722	9125887	0.30	cps
Holmium	165-2	3624979	3364954	3635674	3541869	4.33	cps
Indium	115-1	7331194	7304251	7231196	7288880	0.71	cps
Indium	115-2	849738	788558	863262	833853	4.77	cps
Iron	54-2	65514851	64931497	63809917	64752088	1.34	cps
Iron	56-2	1216697182	1208978115	1194877156	1206850818	0.92	cps
Iron	57-2	30604055	30764375	29907588	30425339	1.50	cps
Krypton	83-1	493	397	403	431	12.52	cps
Lead	206-1	113413	112116	109602	111711	1.73	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:51:15	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	97718	95885	94515	96039	1.67	cps
Lead	208-1	446783	438792	433668	439747	1.50	cps
Lithium	6-1	2204078	2173268	2211350	2196232	0.92	cps
Magnesium	24-2	182583331	181095244	176546237	180074937	1.75	cps
Manganese	55-2	15445	15268	15615	15443	1.12	cps
Molybdenum	94-1	21911	21577	20642	21377	3.08	cps
Molybdenum	95-1	21680	21173	22028	21627	1.99	cps
Molybdenum	96-1	39249	38437	36073	37920	4.35	cps
Molybdenum	97-1	13206	12669	12115	12664	4.31	cps
Molybdenum	98-1	32839	30367	29508	30905	5.60	cps
Neodymium	150-1	587	600	517	568	7.88	cps
Neodymium	150-2	130	173	160	154	14.37	cps
Nickel	60-2	15622	15352	15595	15523	0.96	cps
Phosphorus	31-2	160	183	193	179	9.56	cps
Potassium	39-2	67842076	67816104	66980932	67546371	0.73	cps
Rhodium	103-1	6264438	6218574	6271615	6251542	0.46	cps
Rhodium	103-2	2728757	2529453	2795093	2684434	5.15	cps
Scandium	45-1	4774988	4690400	4675790	4713726	1.14	cps
Scandium	45-2	109292	102587	111353	107744	4.25	cps
Selenium	82-1	380	430	383	398	7.03	cps
Selenium	77-2	0	13	3	6	124.93	cps
Selenium	78-2	63	40	33	46	34.58	cps
Silicon	28-1	689898	691122	655081	678700	3.02	cps
Silver	107-1	4641	3974	3487	4034	14.36	cps
Silver	109-1	4354	3851	3467	3891	11.43	cps
Sodium	23-2	363095048	357936781	352504848	357845559	1.48	cps
Strontium	86-1	31696	31452	30968	31372	1.18	cps
Strontium	88-1	273218	271416	270202	271612	0.56	cps
Sulfur	34-1	490589	494421	495784	493598	0.55	cps
Terbium	159-1	9397640	9214484	9304730	9305618	0.98	cps
Terbium	159-2	3463048	3192057	3583397	3412834	5.87	cps
Thallium	203-1	2307	2057	1987	2117	7.95	cps
Thallium	205-1	5745	5004	4834	5194	9.32	cps
Tin	118-1	8092	7646	7662	7800	3.25	cps
Titanium	47-1	4021	3520	3574	3705	7.41	cps
Uranium	238-1	4761	4014	3527	4101	15.15	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 15:51:15	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1343	1390	1500	1411	5.70	cps
Ytterbium	172-1	1900	1760	1783	1815	4.13	cps
Ytterbium	172-2	863	797	873	844	4.94	cps
Ytterbium	176-1	2347	2307	2330	2328	0.86	cps
Ytterbium	176-2	807	833	783	808	3.10	cps
Yttrium	89-1	13743390	13889390	13690809	13774530	0.75	cps
Yttrium	89-2	1156801	1070175	1163852	1130276	4.62	cps
Zinc	66-2	64935	65959	63796	64897	1.67	cps
Zirconium	90-1	25674	25724	25002	25467	1.58	cps
Zirconium	91-1	5548	5538	5584	5557	0.44	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:01:35	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60227	59200	59725	59717	0.86	cps
Antimony	121-1	6703413	6613157	6623215	6646595	0.74	cps
Arsenic	75-2	149971	149730	148486	149396	0.53	cps
Barium	135-1	794461	790279	799225	794655	0.56	cps
Barium	137-1	1385067	1387781	1382104	1384984	0.21	cps
Beryllium	9-1	726007	728486	729541	728011	0.25	cps
Bismuth	209-1	6409714	6467058	6205160	6360644	2.16	cps
Bismuth	209-2	2838065	2822099	2851607	2837257	0.52	cps
Bromine	81-1	30974	30961	31439	31125	0.87	cps
Cadmium	108-1	54517	55331	55150	54999	0.78	cps
Cadmium	106-1	81831	80684	80392	80969	0.94	cps
Cadmium	111-1	842574	841707	842865	842382	0.07	cps
Calcium	43-1	187236	186931	189286	187818	0.68	cps
Calcium	44-1	3148364	3148322	3251803	3182829	1.88	cps
Carbon	12-1	3862436	3860338	3869753	3864176	0.13	cps
Carbon	12-2	27492	27065	27235	27264	0.79	cps
Chlorine	35-1	100469	101623	100901	100998	0.58	cps
Chlorine	35-2	463	407	460	443	7.17	cps
Chromium	52-2	731227	720930	721802	724653	0.79	cps
Cobalt	59-2	1384793	1371863	1359963	1372206	0.91	cps
Copper	63-2	1085650	1080871	1075309	1080610	0.48	cps
Dysprosium	156-1	23	33	57	38	45.29	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	53	83	63	67	22.91	cps
Erbium	164-2	13	27	37	26	45.82	cps
Gadolinium	160-1	80	127	90	99	24.85	cps
Gadolinium	160-2	17	27	33	26	32.81	cps
Holmium	165-1	10428061	10333531	10376838	10379477	0.46	cps
Holmium	165-2	4082835	3984345	3977196	4014792	1.47	cps
Indium	115-1	9003509	8945016	8707300	8885275	1.77	cps
Indium	115-2	1018031	1007231	1002023	1009095	0.81	cps
Iron	54-2	610647	607009	607170	608275	0.34	cps
Iron	56-2	11152897	11218554	11089471	11153641	0.58	cps
Iron	57-2	273752	270149	269948	271283	0.79	cps
Krypton	83-1	330	407	350	362	10.98	cps
Lead	206-1	5074015	5126404	5063746	5088055	0.66	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:01:35	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4231726	4225385	4182280	4213130	0.64	cps
Lead	208-1	19736063	19824609	19462278	19674316	0.96	cps
Lithium	6-1	2623617	2651339	2625621	2633526	0.59	cps
Magnesium	24-2	461775	454210	454959	456982	0.91	cps
Manganese	55-2	321135	316153	316417	317902	0.88	cps
Molybdenum	94-1	1583	1627	1523	1578	3.29	cps
Molybdenum	95-1	1267	1233	1273	1258	1.70	cps
Molybdenum	96-1	1507	1670	1533	1570	5.58	cps
Molybdenum	97-1	657	670	623	650	3.70	cps
Molybdenum	98-1	1460	1560	1420	1480	4.87	cps
Neodymium	150-1	70	53	67	63	13.93	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	385434	381913	376434	381260	1.19	cps
Phosphorus	31-2	110	123	117	117	5.72	cps
Potassium	39-2	574173	565232	566500	568635	0.85	cps
Rhodium	103-1	8176256	8108582	8119027	8134621	0.45	cps
Rhodium	103-2	3569382	3519429	3529633	3539481	0.75	cps
Scandium	45-1	5320264	5357049	5370242	5349185	0.48	cps
Scandium	45-2	119649	118177	118090	118639	0.74	cps
Selenium	82-1	105146	105533	106395	105691	0.61	cps
Selenium	77-2	2217	2090	2340	2216	5.64	cps
Selenium	78-2	7499	7465	7295	7420	1.47	cps
Silicon	28-1	420775	420809	447065	429550	3.53	cps
Silver	107-1	2210792	2218337	2134021	2187717	2.13	cps
Silver	109-1	2036323	2063466	2083496	2061095	1.15	cps
Sodium	23-2	1639903	1601050	1639095	1626683	1.36	cps
Strontium	86-1	3257	3334	3147	3246	2.89	cps
Strontium	88-1	23630	23283	23463	23459	0.74	cps
Sulfur	34-1	558953	560267	561295	560172	0.21	cps
Terbium	159-1	10880097	10847512	10823197	10850269	0.26	cps
Terbium	159-2	3978497	3858239	3880228	3905655	1.64	cps
Thallium	203-1	6200692	6079898	6214902	6165164	1.20	cps
Thallium	205-1	14551504	14517128	14201275	14423302	1.34	cps
Tin	118-1	4237	3684	3951	3957	7.00	cps
Titanium	47-1	523	487	520	510	3.98	cps
Uranium	238-1	427	410	360	399	8.70	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:01:35	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	547639	537738	533967	539781	1.31	cps
Ytterbium	172-1	53	60	50	54	9.35	cps
Ytterbium	172-2	17	10	33	20	60.08	cps
Ytterbium	176-1	1243	1390	1263	1299	6.12	cps
Ytterbium	176-2	287	363	357	336	12.66	cps
Yttrium	89-1	15785501	15648596	15443880	15625992	1.10	cps
Yttrium	89-2	1279515	1259223	1269435	1269391	0.80	cps
Zinc	66-2	244630	243084	243934	243883	0.32	cps
Zirconium	90-1	2587	2420	2454	2487	3.55	cps
Zirconium	91-1	1587	1370	1453	1470	7.44	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:13:31	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2687	2820	2777	2761	2.46	cps
Antimony	121-1	69214	68420	69150	68928	0.64	cps
Arsenic	75-2	917	843	860	873	4.40	cps
Barium	135-1	83170	83284	83693	83382	0.33	cps
Barium	137-1	146385	145321	146536	146081	0.45	cps
Beryllium	9-1	8201	8016	8144	8120	1.17	cps
Bismuth	209-1	6481618	6497664	6222652	6400645	2.41	cps
Bismuth	209-2	2902521	2882239	2825884	2870215	1.38	cps
Bromine	81-1	32254	31963	32531	32249	0.88	cps
Cadmium	108-1	673	740	777	730	7.18	cps
Cadmium	106-1	6048	6175	6445	6223	3.26	cps
Cadmium	111-1	12609	13154	12957	12907	2.14	cps
Calcium	43-1	54587	53964	54115	54222	0.60	cps
Calcium	44-1	909683	901524	900732	903980	0.55	cps
Carbon	12-1	3477489	3400717	3302893	3393700	2.58	cps
Carbon	12-2	22928	22724	23849	23167	2.59	cps
Chlorine	35-1	91604	90745	91426	91258	0.50	cps
Chlorine	35-2	393	400	460	418	8.79	cps
Chromium	52-2	17317	17818	16863	17333	2.75	cps
Cobalt	59-2	15939	15926	15449	15771	1.77	cps
Copper	63-2	26061	26251	25456	25923	1.60	cps
Dysprosium	156-1	17	30	23	23	28.56	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	77	57	87	73	20.83	cps
Erbium	164-2	10	33	23	22	52.68	cps
Gadolinium	160-1	90	80	123	98	23.21	cps
Gadolinium	160-2	37	20	30	29	29.04	cps
Holmium	165-1	10506374	10398731	10435591	10446899	0.52	cps
Holmium	165-2	4028639	4042936	4052486	4041354	0.30	cps
Indium	115-1	9000546	8907153	9001971	8969890	0.61	cps
Indium	115-2	1025203	1033199	1030767	1029723	0.40	cps
Iron	54-2	17698	17234	17197	17376	1.61	cps
Iron	56-2	321608	318797	315219	318542	1.01	cps
Iron	57-2	7859	8046	7669	7858	2.40	cps
Krypton	83-1	397	380	327	368	9.94	cps
Lead	206-1	25732	26263	25899	25965	1.05	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:13:31	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	22770	23004	22687	22820	0.72	cps
Lead	208-1	104513	104762	103736	104337	0.51	cps
Lithium	6-1	2649576	2670735	2662753	2661021	0.40	cps
Magnesium	24-2	226764	225853	225945	226187	0.22	cps
Manganese	55-2	4921	5051	4804	4925	2.51	cps
Molybdenum	94-1	71553	71519	71794	71622	0.21	cps
Molybdenum	95-1	88738	87184	87919	87947	0.88	cps
Molybdenum	96-1	96539	95878	97462	96626	0.82	cps
Molybdenum	97-1	54292	53459	54537	54096	1.04	cps
Molybdenum	98-1	138982	139004	139644	139210	0.27	cps
Neodymium	150-1	20	23	27	23	14.29	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	5174	5214	4924	5104	3.08	cps
Phosphorus	31-2	333	353	303	330	7.63	cps
Potassium	39-2	178745	178230	178297	178424	0.16	cps
Rhodium	103-1	8341061	8297788	8422813	8353887	0.76	cps
Rhodium	103-2	3617987	3577783	3535882	3577217	1.15	cps
Scandium	45-1	5489270	5530504	5522701	5514158	0.40	cps
Scandium	45-2	124184	124931	125233	124783	0.43	cps
Selenium	82-1	2740	2830	2924	2832	3.24	cps
Selenium	77-2	60	73	63	66	10.58	cps
Selenium	78-2	243	193	177	204	16.97	cps
Silicon	28-1	536608	570358	536311	547759	3.57	cps
Silver	107-1	43562	43368	43328	43419	0.29	cps
Silver	109-1	40656	41379	41890	41308	1.50	cps
Sodium	23-2	486122	487453	486414	486663	0.14	cps
Strontium	86-1	12332	12459	12202	12331	1.04	cps
Strontium	88-1	102966	101976	101374	102105	0.79	cps
Sulfur	34-1	581395	580772	583777	581981	0.27	cps
Terbium	159-1	10847349	10757430	10627928	10744236	1.03	cps
Terbium	159-2	3950449	3965413	3913751	3943204	0.67	cps
Thallium	203-1	31304	30379	30967	30883	1.52	cps
Thallium	205-1	74224	74432	74016	74224	0.28	cps
Tin	118-1	143860	144718	145931	144836	0.72	cps
Titanium	47-1	24855	24207	24832	24631	1.49	cps
Uranium	238-1	92107	92805	92866	92593	0.46	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:13:31	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	30426	30710	29851	30329	1.44	cps
Ytterbium	172-1	73	47	57	59	22.87	cps
Ytterbium	172-2	17	30	23	23	28.56	cps
Ytterbium	176-1	1400	1317	1450	1389	4.85	cps
Ytterbium	176-2	333	357	280	323	12.15	cps
Yttrium	89-1	15896847	15987700	16046564	15977037	0.47	cps
Yttrium	89-2	1305356	1311873	1295083	1304104	0.65	cps
Zinc	66-2	9066	9013	8596	8892	2.90	cps
Zirconium	90-1	59549	59731	60326	59869	0.68	cps
Zirconium	91-1	13326	13163	13423	13304	0.99	cps

LB Number : LB135477 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired : 2025-04-17 16:17:07 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	420	450	440	437	3.50	cps
Antimony	121-1	400	380	357	379	5.72	cps
Arsenic	75-2	17	10	3	10	66.70	cps
Barium	135-1	137	147	140	141	3.61	cps
Barium	137-1	260	237	253	250	4.81	cps
Beryllium	9-1	110	131	131	124	9.88	cps
Bismuth	209-1	6337868	6302980	6334799	6325216	0.31	cps
Bismuth	209-2	2876404	2849084	2879775	2868421	0.59	cps
Bromine	81-1	31509	31368	32174	31684	1.36	cps
Cadmium	108-1	20	17	13	17	20.01	cps
Cadmium	106-1	5488	5078	5094	5220	4.45	cps
Cadmium	111-1	3861	3569	3597	3676	4.38	cps
Calcium	43-1	1007	1090	1003	1033	4.75	cps
Calcium	44-1	31966	31652	31675	31765	0.55	cps
Carbon	12-1	3408547	3283384	3275794	3322575	2.24	cps
Carbon	12-2	22688	23105	22794	22862	0.95	cps
Chlorine	35-1	98210	98126	98479	98272	0.19	cps
Chlorine	35-2	400	503	420	441	12.43	cps
Chromium	52-2	1747	1583	1643	1658	4.98	cps
Cobalt	59-2	77	90	90	86	9.00	cps
Copper	63-2	2537	2584	2700	2607	3.23	cps
Dysprosium	156-1	20	10	13	14	35.26	cps
Dysprosium	156-2	0	10	7	6	91.64	cps
Erbium	164-1	97	67	67	77	22.59	cps
Erbium	164-2	37	30	17	28	36.66	cps
Gadolinium	160-1	93	83	93	90	6.42	cps
Gadolinium	160-2	13	20	7	13	49.99	cps
Holmium	165-1	10321483	10220378	10407601	10316487	0.91	cps
Holmium	165-2	4042789	4021805	4062036	4042210	0.50	cps
Indium	115-1	8944072	8965069	8863683	8924275	0.60	cps
Indium	115-2	1031777	1018683	1029977	1026812	0.69	cps
Iron	54-2	947	820	860	876	7.40	cps
Iron	56-2	11808	11221	11618	11549	2.59	cps
Iron	57-2	250	303	240	264	12.88	cps
Krypton	83-1	383	347	357	362	5.23	cps
Lead	206-1	2014	1957	2057	2009	2.50	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:17:07	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1607	1667	1723	1666	3.50	cps
Lead	208-1	7478	7798	7954	7743	3.14	cps
Lithium	6-1	2647604	2681262	2671027	2666631	0.65	cps
Magnesium	24-2	733	610	750	698	10.96	cps
Manganese	55-2	1400	1577	1603	1527	7.24	cps
Molybdenum	94-1	1043	887	1087	1006	10.47	cps
Molybdenum	95-1	317	300	373	330	11.65	cps
Molybdenum	96-1	497	463	500	487	4.17	cps
Molybdenum	97-1	237	200	180	206	13.98	cps
Molybdenum	98-1	473	487	353	438	16.77	cps
Neodymium	150-1	23	13	7	14	58.06	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	837	877	943	886	6.09	cps
Phosphorus	31-2	140	127	103	123	15.05	cps
Potassium	39-2	22384	22631	22725	22580	0.78	cps
Rhodium	103-1	8279817	8437585	8353748	8357050	0.94	cps
Rhodium	103-2	3618617	3586990	3603915	3603174	0.44	cps
Scandium	45-1	5592832	5507698	5471460	5523997	1.13	cps
Scandium	45-2	124863	124621	123938	124474	0.39	cps
Selenium	82-1	13	27	27	22	34.63	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	43	47	43	44	4.34	cps
Silicon	28-1	417296	418376	411168	415614	0.94	cps
Silver	107-1	573	2435	413	1141	98.54	cps
Silver	109-1	450	453	407	437	5.96	cps
Sodium	23-2	43993	45113	45160	44755	1.48	cps
Strontium	86-1	700	583	637	640	9.13	cps
Strontium	88-1	757	663	720	713	6.59	cps
Sulfur	34-1	580826	583674	584762	583087	0.35	cps
Terbium	159-1	10672824	10834494	10735508	10747609	0.76	cps
Terbium	159-2	4010250	3958807	3954774	3974610	0.78	cps
Thallium	203-1	580	523	510	538	6.91	cps
Thallium	205-1	1247	1320	1230	1266	3.78	cps
Tin	118-1	3347	3257	3360	3322	1.69	cps
Titanium	47-1	300	253	320	291	11.75	cps
Uranium	238-1	227	190	193	203	9.97	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:17:07	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	17	13	40	23	62.27	cps
Ytterbium	172-1	80	50	53	61	26.91	cps
Ytterbium	172-2	27	30	30	29	6.65	cps
Ytterbium	176-1	1253	1333	1267	1285	3.34	cps
Ytterbium	176-2	230	263	303	266	13.83	cps
Yttrium	89-1	15981236	16133437	16047485	16054053	0.48	cps
Yttrium	89-2	1304560	1288685	1301087	1298111	0.64	cps
Zinc	66-2	2064	2047	2020	2044	1.07	cps
Zirconium	90-1	2180	2150	2260	2197	2.59	cps
Zirconium	91-1	417	470	447	444	6.02	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:20:39	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10941750	11036805	10818973	10932509	1.00	cps
Antimony	121-1	35860	35118	35840	35606	1.19	cps
Arsenic	75-2	243	250	220	238	6.63	cps
Barium	135-1	10918	10981	11035	10978	0.53	cps
Barium	137-1	19634	19164	19230	19343	1.32	cps
Beryllium	9-1	2166	2015	2165	2115	4.11	cps
Bismuth	209-1	5678159	5773615	5761438	5737737	0.91	cps
Bismuth	209-2	2520081	2533348	2564511	2539313	0.90	cps
Bromine	81-1	34619	34255	34175	34350	0.69	cps
Cadmium	108-1	8966	8703	8783	8817	1.53	cps
Cadmium	106-1	5028	5221	5201	5150	2.07	cps
Cadmium	111-1	7887	7760	7613	7753	1.77	cps
Calcium	43-1	9771303	9774613	9700762	9748893	0.43	cps
Calcium	44-1	161258681	162957911	160290324	161502305	0.84	cps
Carbon	12-1	58299319	57912567	57697491	57969792	0.53	cps
Carbon	12-2	400374	398694	394780	397949	0.72	cps
Chlorine	35-1	131844528	139051331	140310891	137068917	3.33	cps
Chlorine	35-2	694708	695948	698824	696493	0.30	cps
Chromium	52-2	144889	143878	140869	143212	1.46	cps
Cobalt	59-2	15512	15158	15282	15317	1.17	cps
Copper	63-2	79501	79554	78706	79254	0.60	cps
Dysprosium	156-1	147	123	120	130	11.18	cps
Dysprosium	156-2	40	50	20	37	41.66	cps
Erbium	164-1	187	180	173	180	3.70	cps
Erbium	164-2	70	37	70	59	32.68	cps
Gadolinium	160-1	200	187	197	194	3.57	cps
Gadolinium	160-2	67	73	70	70	4.76	cps
Holmium	165-1	9990379	10131559	10034880	10052273	0.72	cps
Holmium	165-2	3907558	3912915	3942488	3920987	0.48	cps
Indium	115-1	8300570	8256930	8177545	8245015	0.76	cps
Indium	115-2	926425	922588	940942	929985	1.04	cps
Iron	54-2	29757719	29758180	29401418	29639105	0.69	cps
Iron	56-2	553673778	551720538	545870565	550421627	0.74	cps
Iron	57-2	14027053	14097764	13615053	13913290	1.87	cps
Krypton	83-1	370	370	353	364	2.64	cps
Lead	206-1	106398	106933	106520	106617	0.26	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:20:39	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	84872	82876	82111	83287	1.71	cps
Lead	208-1	398458	397762	395653	397291	0.37	cps
Lithium	6-1	2529236	2533483	2502360	2521693	0.67	cps
Magnesium	24-2	38277089	38032591	37382366	37897349	1.22	cps
Manganese	55-2	25239	25429	25109	25259	0.64	cps
Molybdenum	94-1	18792851	18644556	18750181	18729196	0.41	cps
Molybdenum	95-1	33261327	33225305	33376262	33287631	0.24	cps
Molybdenum	96-1	35639089	35593686	36116107	35782961	0.81	cps
Molybdenum	97-1	20460407	20438922	20493398	20464242	0.13	cps
Molybdenum	98-1	53576784	53693918	53332799	53534500	0.34	cps
Neodymium	150-1	163	153	133	150	10.18	cps
Neodymium	150-2	30	30	43	34	22.34	cps
Nickel	60-2	19827	19470	19560	19619	0.95	cps
Phosphorus	31-2	617996	615786	613606	615796	0.36	cps
Potassium	39-2	28803127	28849798	28760908	28804611	0.15	cps
Rhodium	103-1	7371988	7387664	7357667	7372440	0.20	cps
Rhodium	103-2	3152780	3152710	3231158	3178883	1.42	cps
Scandium	45-1	5284812	5363337	5217305	5288485	1.38	cps
Scandium	45-2	116454	116316	117762	116844	0.68	cps
Selenium	82-1	23	110	147	93	67.86	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	33	33	30	32	5.97	cps
Silicon	28-1	865870	854239	843598	854569	1.30	cps
Silver	107-1	2707	2347	2290	2448	9.23	cps
Silver	109-1	2764	2197	2124	2361	14.84	cps
Sodium	23-2	81048810	80502989	80208037	80586612	0.53	cps
Strontium	86-1	362067	362503	360222	361597	0.33	cps
Strontium	88-1	3357653	3304903	3298478	3320345	0.98	cps
Sulfur	34-1	12451837	12373172	12275414	12366808	0.71	cps
Terbium	159-1	10330284	10371535	10427855	10376558	0.47	cps
Terbium	159-2	3710535	3761248	3803931	3758571	1.24	cps
Thallium	203-1	2890	3607	4631	3709	23.58	cps
Thallium	205-1	6518	8980	10538	8679	23.35	cps
Tin	118-1	8479	8306	7929	8238	3.42	cps
Titanium	47-1	9212340	9246696	9134835	9197957	0.62	cps
Uranium	238-1	1583	1663	1540	1596	3.92	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:20:39	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	820	800	810	810	1.23	cps
Ytterbium	172-1	93	103	107	101	6.87	cps
Ytterbium	172-2	27	40	30	32	21.53	cps
Ytterbium	176-1	1087	1270	1197	1185	7.79	cps
Ytterbium	176-2	230	290	300	273	13.85	cps
Yttrium	89-1	15441511	15296827	15187717	15308685	0.83	cps
Yttrium	89-2	1220597	1223848	1250658	1231701	1.34	cps
Zinc	66-2	15162	15298	15158	15206	0.53	cps
Zirconium	90-1	5418	4631	4157	4735	13.45	cps
Zirconium	91-1	1090	1030	927	1016	8.14	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:25:07	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11102525	10812477	10858827	10924609	1.43	cps
Antimony	121-1	665030	674205	677690	672309	0.97	cps
Arsenic	75-2	14985	15215	15298	15166	1.07	cps
Barium	135-1	167147	168126	168382	167885	0.39	cps
Barium	137-1	289725	291530	292839	291365	0.54	cps
Beryllium	9-1	146295	146905	146896	146699	0.24	cps
Bismuth	209-1	5716173	5756181	5716955	5729770	0.40	cps
Bismuth	209-2	2498004	2483314	2532894	2504737	1.02	cps
Bromine	81-1	34386	34553	35482	34807	1.70	cps
Cadmium	108-1	18883	19454	19481	19273	1.75	cps
Cadmium	106-1	19227	19233	18986	19149	0.73	cps
Cadmium	111-1	162976	165068	165595	164546	0.84	cps
Calcium	43-1	9802913	9721952	9795370	9773412	0.46	cps
Calcium	44-1	159966218	160589598	161724834	160760216	0.55	cps
Carbon	12-1	56960212	58540722	58621134	58040690	1.61	cps
Carbon	12-2	406106	406517	401919	404847	0.63	cps
Chlorine	35-1	132083628	138320361	142763255	137722415	3.90	cps
Chlorine	35-2	691741	691445	696929	693372	0.44	cps
Chromium	52-2	286305	282231	280542	283026	1.05	cps
Cobalt	59-2	276586	278248	275570	276801	0.49	cps
Copper	63-2	276371	277008	275843	276408	0.21	cps
Dysprosium	156-1	113	120	110	114	4.45	cps
Dysprosium	156-2	63	47	50	53	16.53	cps
Erbium	164-1	147	223	180	183	20.97	cps
Erbium	164-2	77	60	60	66	14.68	cps
Gadolinium	160-1	213	193	177	194	9.44	cps
Gadolinium	160-2	60	63	60	61	3.15	cps
Holmium	165-1	10100686	10146252	10061419	10102785	0.42	cps
Holmium	165-2	3806020	3877560	3833136	3838905	0.94	cps
Indium	115-1	8211788	8265975	8355621	8277795	0.88	cps
Indium	115-2	923749	924924	924552	924408	0.06	cps
Iron	54-2	29894739	29881011	29707624	29827791	0.35	cps
Iron	56-2	551386072	554225778	543971472	549861107	0.96	cps
Iron	57-2	13862636	13886115	13815614	13854788	0.26	cps
Krypton	83-1	410	393	403	402	2.09	cps
Lead	206-1	553815	553376	554992	554061	0.15	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:25:07	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	462336	461676	459218	461077	0.36	cps
Lead	208-1	2130091	2135072	2138592	2134585	0.20	cps
Lithium	6-1	2523696	2535778	2517394	2525623	0.37	cps
Magnesium	24-2	38490407	37868860	37620509	37993259	1.18	cps
Manganese	55-2	87395	86983	86013	86797	0.82	cps
Molybdenum	94-1	18867793	18859203	18901486	18876161	0.12	cps
Molybdenum	95-1	33058595	33556909	33604922	33406808	0.91	cps
Molybdenum	96-1	35751075	35791394	35894004	35812158	0.21	cps
Molybdenum	97-1	20540123	20751594	20466371	20586030	0.72	cps
Molybdenum	98-1	53202991	54168274	53885613	53752293	0.92	cps
Neodymium	150-1	160	140	193	164	16.39	cps
Neodymium	150-2	20	37	23	27	33.08	cps
Nickel	60-2	90069	89516	87788	89124	1.33	cps
Phosphorus	31-2	623159	616721	610911	616930	0.99	cps
Potassium	39-2	28825435	28729165	28713765	28756122	0.21	cps
Rhodium	103-1	7428800	7413263	7421309	7421124	0.10	cps
Rhodium	103-2	3131969	3159834	3129974	3140592	0.53	cps
Scandium	45-1	5166542	5214723	5222849	5201371	0.59	cps
Scandium	45-2	116026	117448	116994	116823	0.62	cps
Selenium	82-1	10284	10354	10097	10245	1.30	cps
Selenium	77-2	207	183	220	203	9.13	cps
Selenium	78-2	683	723	763	723	5.53	cps
Silicon	28-1	876496	894370	895546	888804	1.20	cps
Silver	107-1	746140	752927	751614	750227	0.48	cps
Silver	109-1	709786	715589	719371	714915	0.68	cps
Sodium	23-2	81634759	79900024	80867880	80800888	1.08	cps
Strontium	86-1	357199	360328	362930	360152	0.80	cps
Strontium	88-1	3301115	3331370	3335825	3322770	0.57	cps
Sulfur	34-1	12426177	12523543	12538332	12496017	0.49	cps
Terbium	159-1	10294581	10415144	10464628	10391451	0.84	cps
Terbium	159-2	3761941	3744076	3713345	3739788	0.66	cps
Thallium	203-1	562528	565706	566870	565035	0.40	cps
Thallium	205-1	1338099	1343783	1351863	1344582	0.51	cps
Tin	118-1	8356	8346	8506	8403	1.07	cps
Titanium	47-1	9182843	9210470	9234384	9209232	0.28	cps
Uranium	238-1	2607	2657	2564	2609	1.79	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:25:07	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	108877	109592	108605	109024	0.47	cps
Ytterbium	172-1	87	90	113	97	15.03	cps
Ytterbium	172-2	37	50	40	42	16.43	cps
Ytterbium	176-1	1297	1327	1287	1303	1.60	cps
Ytterbium	176-2	310	343	300	318	7.14	cps
Yttrium	89-1	15172652	15225809	15345543	15248001	0.58	cps
Yttrium	89-2	1228382	1225344	1223302	1225676	0.21	cps
Zinc	66-2	38843	39060	37770	38558	1.79	cps
Zirconium	90-1	3561	3601	3307	3489	4.56	cps
Zirconium	91-1	757	820	880	819	7.53	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:30:42	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5961296	5948559	5937785	5949213	0.20	cps
Antimony	121-1	15102946	15152756	15071581	15109094	0.27	cps
Arsenic	75-2	353788	353659	354884	354110	0.19	cps
Barium	135-1	18484626	18375864	18599556	18486682	0.61	cps
Barium	137-1	31531444	31739372	31982330	31751048	0.71	cps
Beryllium	9-1	3084187	3123452	3090011	3099217	0.68	cps
Bismuth	209-1	5148617	5173028	5158253	5159966	0.24	cps
Bismuth	209-2	2367481	2348139	2369922	2361847	0.51	cps
Bromine	81-1	34299	34857	34873	34676	0.94	cps
Cadmium	108-1	280022	283332	284382	282579	0.81	cps
Cadmium	106-1	406954	411244	410936	409711	0.58	cps
Cadmium	111-1	3625142	3727973	3699974	3684363	1.44	cps
Calcium	43-1	22910749	23407742	22955268	23091253	1.19	cps
Calcium	44-1	378190141	381773088	384314954	381426061	0.81	cps
Carbon	12-1	4649162	4647816	4695118	4664032	0.58	cps
Carbon	12-2	39209	38768	38079	38685	1.47	cps
Chlorine	35-1	2592163	2501019	2446668	2513283	2.93	cps
Chlorine	35-2	10764	10807	10147	10573	3.49	cps
Chromium	52-2	3630231	3525938	3575031	3577067	1.46	cps
Cobalt	59-2	6220733	6269396	6286443	6258857	0.54	cps
Copper	63-2	46506643	46513761	46837679	46619361	0.41	cps
Dysprosium	156-1	810	790	700	767	7.64	cps
Dysprosium	156-2	187	167	207	187	10.71	cps
Erbium	164-1	720	707	727	718	1.42	cps
Erbium	164-2	293	267	257	272	6.96	cps
Gadolinium	160-1	533	543	553	543	1.84	cps
Gadolinium	160-2	150	187	210	182	16.60	cps
Holmium	165-1	9434382	9602395	9517654	9518144	0.88	cps
Holmium	165-2	3734183	3712627	3730508	3725773	0.31	cps
Indium	115-1	7428386	7523687	7443580	7465218	0.69	cps
Indium	115-2	855528	862728	862352	860203	0.47	cps
Iron	54-2	36402733	35950590	36466933	36273419	0.78	cps
Iron	56-2	659424804	663559363	672835963	665273377	1.03	cps
Iron	57-2	16667590	16899724	16919180	16828831	0.83	cps
Krypton	83-1	460	437	457	451	2.80	cps
Lead	206-1	51863694	52433384	52266439	52187839	0.56	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:30:42	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	43993703	44020311	44139546	44051187	0.18	cps
Lead	208-1	202819455	204782330	204734214	204112000	0.55	cps
Lithium	6-1	2351283	2372286	2334642	2352737	0.80	cps
Magnesium	24-2	96294832	96490709	95829029	96204856	0.35	cps
Manganese	55-2	15637469	15623551	15804826	15688615	0.64	cps
Molybdenum	94-1	53101834	53865881	54356418	53774711	1.18	cps
Molybdenum	95-1	76560749	78310544	78293121	77721471	1.29	cps
Molybdenum	96-1	83585860	85059159	85631762	84758927	1.25	cps
Molybdenum	97-1	46735076	47628154	48305961	47556397	1.66	cps
Molybdenum	98-1	122792958	126324961	126450205	125189375	1.66	cps
Neodymium	150-1	1467	1530	1583	1527	3.83	cps
Neodymium	150-2	160	140	153	151	6.74	cps
Nickel	60-2	1749943	1733102	1734680	1739242	0.53	cps
Phosphorus	31-2	59933	58239	59013	59062	1.44	cps
Potassium	39-2	36763589	36536320	36855444	36718451	0.45	cps
Rhodium	103-1	6715337	6795420	6853258	6788005	1.02	cps
Rhodium	103-2	3010412	3005739	3015331	3010494	0.16	cps
Scandium	45-1	5045886	5030419	5055415	5043907	0.25	cps
Scandium	45-2	119528	121360	119787	120225	0.82	cps
Selenium	82-1	216334	216981	221438	218251	1.27	cps
Selenium	77-2	4794	4781	4577	4718	2.57	cps
Selenium	78-2	16553	16370	16353	16425	0.68	cps
Silicon	28-1	20326241	20718148	20680874	20575087	1.05	cps
Silver	107-1	18069190	18025506	18214207	18102968	0.55	cps
Silver	109-1	17004901	17409739	17135349	17183330	1.20	cps
Sodium	23-2	191677497	191039050	191502837	191406462	0.17	cps
Strontium	86-1	5010712	5086775	5092206	5063231	0.90	cps
Strontium	88-1	44120414	44208519	44181039	44169991	0.10	cps
Sulfur	34-1	1716217	1731203	1730324	1725915	0.49	cps
Terbium	159-1	9713490	9694759	9847126	9751792	0.85	cps
Terbium	159-2	3619238	3652048	3598325	3623204	0.75	cps
Thallium	203-1	12908445	12972164	12795039	12891883	0.70	cps
Thallium	205-1	30157427	30320488	30355526	30277814	0.35	cps
Tin	118-1	12177967	12358455	12325765	12287396	0.78	cps
Titanium	47-1	21135122	21193741	21044397	21124420	0.36	cps
Uranium	238-1	39859509	40404320	40560854	40274894	0.91	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:30:42	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2779014	2761209	2760274	2766832	0.38	cps
Ytterbium	172-1	1167	1043	947	1052	10.48	cps
Ytterbium	172-2	440	500	487	476	6.62	cps
Ytterbium	176-1	63351	63736	64704	63930	1.09	cps
Ytterbium	176-2	24413	24476	24246	24378	0.49	cps
Yttrium	89-1	14480118	14499871	14358574	14446187	0.53	cps
Yttrium	89-2	1203733	1220036	1208002	1210590	0.70	cps
Zinc	66-2	5590974	5574070	5549025	5571356	0.38	cps
Zirconium	90-1	27033430	27290941	27194837	27173069	0.48	cps
Zirconium	91-1	6098105	6063658	6026674	6062812	0.59	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:34:14	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	703	680	817	733	9.97	cps
Antimony	121-1	2184	2254	1850	2096	10.29	cps
Arsenic	75-2	27	33	23	28	18.33	cps
Barium	135-1	377	377	283	346	15.59	cps
Barium	137-1	793	553	537	628	22.88	cps
Beryllium	9-1	359	356	306	340	8.70	cps
Bismuth	209-1	6449057	6358116	6258399	6355191	1.50	cps
Bismuth	209-2	2880169	2856850	2881726	2872915	0.49	cps
Bromine	81-1	33740	33239	33243	33408	0.86	cps
Cadmium	108-1	40	57	27	41	36.56	cps
Cadmium	106-1	5571	5394	5368	5444	2.03	cps
Cadmium	111-1	4088	3886	3895	3957	2.88	cps
Calcium	43-1	1457	1397	1393	1416	2.52	cps
Calcium	44-1	38529	36015	36112	36885	3.86	cps
Carbon	12-1	3696966	3625118	3556787	3626291	1.93	cps
Carbon	12-2	24631	23983	23769	24128	1.86	cps
Chlorine	35-1	1247299	1170730	1105124	1174384	6.06	cps
Chlorine	35-2	5084	5051	4664	4933	4.73	cps
Chromium	52-2	1383	1363	1423	1390	2.20	cps
Cobalt	59-2	243	293	227	254	13.64	cps
Copper	63-2	3194	3497	3250	3314	4.87	cps
Dysprosium	156-1	7	13	20	13	49.99	cps
Dysprosium	156-2	10	0	7	6	91.64	cps
Erbium	164-1	100	63	70	78	25.11	cps
Erbium	164-2	37	27	13	26	45.82	cps
Gadolinium	160-1	57	90	110	86	31.49	cps
Gadolinium	160-2	10	23	17	17	39.99	cps
Holmium	165-1	10502168	10507825	10437648	10482547	0.37	cps
Holmium	165-2	4118504	4063698	4022230	4068144	1.19	cps
Indium	115-1	9113976	9128175	9051468	9097873	0.45	cps
Indium	115-2	1043626	1040256	1032817	1038899	0.53	cps
Iron	54-2	1837	1787	1630	1751	6.16	cps
Iron	56-2	25630	24645	24474	24916	2.50	cps
Iron	57-2	577	587	543	569	3.99	cps
Krypton	83-1	393	313	363	357	11.33	cps
Lead	206-1	3817	3457	3734	3669	5.14	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:34:14	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3324	3200	2880	3135	7.30	cps
Lead	208-1	15464	14267	14147	14626	4.98	cps
Lithium	6-1	2752596	2711603	2725145	2729781	0.77	cps
Magnesium	24-2	1317	1503	1407	1409	6.63	cps
Manganese	55-2	1690	1823	1897	1803	5.81	cps
Molybdenum	94-1	1960	1723	1413	1699	16.14	cps
Molybdenum	95-1	2177	1797	1573	1849	16.50	cps
Molybdenum	96-1	2204	1767	1530	1833	18.63	cps
Molybdenum	97-1	1177	867	830	958	19.89	cps
Molybdenum	98-1	2877	2430	2274	2527	12.39	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	927	893	1067	962	9.56	cps
Phosphorus	31-2	123	123	130	126	3.06	cps
Potassium	39-2	28224	27787	28365	28125	1.07	cps
Rhodium	103-1	8506162	8465634	8515217	8495671	0.31	cps
Rhodium	103-2	3643751	3673506	3668150	3661803	0.43	cps
Scandium	45-1	5735720	5682711	5581689	5666706	1.38	cps
Scandium	45-2	127425	128215	127092	127577	0.45	cps
Selenium	82-1	-50	47	-40	-14	-368.07	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	30	27	27	28	6.92	cps
Silicon	28-1	443009	462325	456738	454024	2.19	cps
Silver	107-1	1443	1333	1177	1318	10.17	cps
Silver	109-1	1373	1177	1040	1197	14.00	cps
Sodium	23-2	60143	60930	59956	60343	0.86	cps
Strontium	86-1	800	760	730	763	4.60	cps
Strontium	88-1	1530	1503	1237	1423	11.40	cps
Sulfur	34-1	615725	613226	614214	614389	0.20	cps
Terbium	159-1	10806460	10599189	10688980	10698210	0.97	cps
Terbium	159-2	3930412	4006362	3934043	3956939	1.08	cps
Thallium	203-1	2167	1687	1687	1847	15.01	cps
Thallium	205-1	4511	3831	4037	4126	8.45	cps
Tin	118-1	3661	3674	3504	3613	2.62	cps
Titanium	47-1	687	620	617	641	6.16	cps
Uranium	238-1	753	567	520	613	20.13	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:34:14	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	83	53	73	70	21.82	cps
Ytterbium	172-1	70	30	47	49	41.10	cps
Ytterbium	172-2	20	17	10	16	32.73	cps
Ytterbium	176-1	1253	1370	1453	1359	7.39	cps
Ytterbium	176-2	330	340	270	313	12.08	cps
Yttrium	89-1	16449450	16056432	16273204	16259695	1.21	cps
Yttrium	89-2	1320778	1326468	1308800	1318682	0.68	cps
Zinc	66-2	2177	2214	2240	2210	1.44	cps
Zirconium	90-1	1890	1987	1964	1947	2.59	cps
Zirconium	91-1	427	430	360	406	9.74	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:39:01	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2680	2944	2827	2817	4.68	cps
Antimony	121-1	69565	70554	71127	70415	1.12	cps
Arsenic	75-2	780	907	810	832	7.95	cps
Barium	135-1	84112	84451	85437	84667	0.81	cps
Barium	137-1	147423	147837	147225	147495	0.21	cps
Beryllium	9-1	8150	8000	8080	8077	0.93	cps
Bismuth	209-1	6380885	6417512	6353464	6383954	0.50	cps
Bismuth	209-2	2859196	2908198	2841810	2869735	1.20	cps
Bromine	81-1	32832	33016	33543	33130	1.11	cps
Cadmium	108-1	680	680	723	694	3.60	cps
Cadmium	106-1	6572	6755	6588	6638	1.53	cps
Cadmium	111-1	13247	13486	13158	13297	1.27	cps
Calcium	43-1	55366	55701	55835	55634	0.43	cps
Calcium	44-1	931143	940830	925998	932657	0.81	cps
Carbon	12-1	3759069	3682537	3630172	3690593	1.76	cps
Carbon	12-2	24647	25652	25225	25175	2.00	cps
Chlorine	35-1	679172	662131	642575	661293	2.77	cps
Chlorine	35-2	2967	3070	2797	2945	4.69	cps
Chromium	52-2	17341	18025	17044	17470	2.88	cps
Cobalt	59-2	16176	16243	16009	16143	0.75	cps
Copper	63-2	26698	26491	26104	26431	1.14	cps
Dysprosium	156-1	20	40	27	29	35.25	cps
Dysprosium	156-2	3	3	20	9	108.30	cps
Erbium	164-1	47	93	60	67	36.05	cps
Erbium	164-2	17	23	47	29	54.53	cps
Gadolinium	160-1	87	103	87	92	10.43	cps
Gadolinium	160-2	13	23	20	19	26.96	cps
Holmium	165-1	10637122	10670218	10404681	10570674	1.37	cps
Holmium	165-2	4025074	4004091	4019145	4016103	0.27	cps
Indium	115-1	9233880	9219321	9231453	9228218	0.08	cps
Indium	115-2	1035369	1035973	1041189	1037510	0.31	cps
Iron	54-2	18462	18659	18686	18602	0.66	cps
Iron	56-2	324968	327515	319916	324133	1.19	cps
Iron	57-2	8069	7916	7942	7976	1.03	cps
Krypton	83-1	353	373	340	356	4.72	cps
Lead	206-1	26384	26293	26557	26411	0.51	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:39:01	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	22910	22660	23084	22885	0.93	cps
Lead	208-1	105545	105024	106080	105550	0.50	cps
Lithium	6-1	2736017	2704915	2796865	2745932	1.70	cps
Magnesium	24-2	230439	232899	230035	231124	0.67	cps
Manganese	55-2	5064	5161	5108	5111	0.95	cps
Molybdenum	94-1	71449	72461	72340	72083	0.77	cps
Molybdenum	95-1	89401	89741	88599	89247	0.66	cps
Molybdenum	96-1	98200	99319	97797	98439	0.80	cps
Molybdenum	97-1	54828	54931	55701	55153	0.87	cps
Molybdenum	98-1	141780	141408	140025	141071	0.66	cps
Neodymium	150-1	20	3	7	10	88.20	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	4928	5028	4838	4931	1.93	cps
Phosphorus	31-2	393	347	377	372	6.35	cps
Potassium	39-2	184125	186249	184760	185044	0.59	cps
Rhodium	103-1	8446448	8540451	8502982	8496627	0.56	cps
Rhodium	103-2	3708459	3637573	3705361	3683798	1.09	cps
Scandium	45-1	5694668	5679918	5700956	5691847	0.19	cps
Scandium	45-2	126904	129067	129920	128630	1.21	cps
Selenium	82-1	2737	2694	2617	2683	2.27	cps
Selenium	77-2	53	57	87	66	28.01	cps
Selenium	78-2	207	200	283	230	20.13	cps
Silicon	28-1	578512	573658	563974	572048	1.29	cps
Silver	107-1	43251	44461	43552	43755	1.44	cps
Silver	109-1	40977	42091	41302	41457	1.38	cps
Sodium	23-2	505719	509743	507379	507614	0.40	cps
Strontium	86-1	12085	12239	12479	12268	1.62	cps
Strontium	88-1	101878	102257	102969	102368	0.54	cps
Sulfur	34-1	632141	636121	636762	635008	0.39	cps
Terbium	159-1	10888365	10767312	10842055	10832577	0.56	cps
Terbium	159-2	3920083	3953460	4030451	3967998	1.43	cps
Thallium	203-1	30643	31234	31228	31035	1.09	cps
Thallium	205-1	75069	74107	74821	74666	0.67	cps
Tin	118-1	146340	144699	147238	146092	0.88	cps
Titanium	47-1	25616	24985	25115	25239	1.32	cps
Uranium	238-1	92030	91923	89653	91202	1.47	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:39:01	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	30963	31368	30743	31025	1.02	cps
Ytterbium	172-1	60	50	63	58	12.01	cps
Ytterbium	172-2	53	23	27	34	47.73	cps
Ytterbium	176-1	1480	1377	1437	1431	3.63	cps
Ytterbium	176-2	313	353	293	320	9.55	cps
Yttrium	89-1	16412691	16300259	16580237	16431063	0.86	cps
Yttrium	89-2	1317549	1319074	1342813	1326479	1.07	cps
Zinc	66-2	9126	9453	8859	9146	3.25	cps
Zirconium	90-1	60142	60698	61528	60790	1.15	cps
Zirconium	91-1	13804	13350	13116	13423	2.60	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	PB167612BL	Instrumnet Name :	P8
Client Sample ID :	PB167612BL	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:46:47	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	220	210	277	236	15.26	cps
Antimony	121-1	283	357	270	303	15.38	cps
Arsenic	75-2	7	7	3	6	34.70	cps
Barium	135-1	143	157	147	149	4.66	cps
Barium	137-1	303	203	223	243	21.75	cps
Beryllium	9-1	90	97	109	99	9.56	cps
Bismuth	209-1	6468113	6331359	6403499	6400990	1.07	cps
Bismuth	209-2	2824327	2838617	2837454	2833466	0.28	cps
Bromine	81-1	32695	32845	32929	32823	0.36	cps
Cadmium	108-1	20	20	13	18	21.66	cps
Cadmium	106-1	5581	5351	5585	5506	2.43	cps
Cadmium	111-1	3926	3765	3933	3875	2.45	cps
Calcium	43-1	1033	1117	1110	1087	4.26	cps
Calcium	44-1	31288	31669	32347	31768	1.69	cps
Carbon	12-1	3486806	3348667	3370761	3402078	2.18	cps
Carbon	12-2	22374	22821	22531	22575	1.01	cps
Chlorine	35-1	384234	378461	372243	378313	1.59	cps
Chlorine	35-2	1807	1610	1800	1739	6.42	cps
Chromium	52-2	1323	1247	1360	1310	4.42	cps
Cobalt	59-2	67	137	93	99	35.73	cps
Copper	63-2	2314	2294	2250	2286	1.42	cps
Dysprosium	156-1	10	20	13	14	35.26	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	77	50	90	72	28.20	cps
Erbium	164-2	17	33	10	20	60.08	cps
Gadolinium	160-1	87	90	87	88	2.19	cps
Gadolinium	160-2	27	17	7	17	59.99	cps
Holmium	165-1	10663937	10485381	10533189	10560836	0.88	cps
Holmium	165-2	4047850	3973539	3968053	3996480	1.12	cps
Indium	115-1	9070397	9175856	9129972	9125408	0.58	cps
Indium	115-2	1020499	1024335	1022972	1022602	0.19	cps
Iron	54-2	947	880	950	926	4.27	cps
Iron	56-2	11495	11158	11221	11291	1.59	cps
Iron	57-2	333	277	277	296	11.07	cps
Krypton	83-1	417	360	390	389	7.29	cps
Lead	206-1	1737	1553	1553	1615	6.56	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	PB167612BL	Instrumnet Name :	P8
Client Sample ID :	PB167612BL	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:46:47	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1387	1453	1393	1411	2.60	cps
Lead	208-1	6467	6717	6441	6542	2.33	cps
Lithium	6-1	2794538	2756404	2781131	2777358	0.70	cps
Magnesium	24-2	767	847	690	768	10.20	cps
Manganese	55-2	1437	1387	1577	1467	6.72	cps
Molybdenum	94-1	610	683	630	641	5.91	cps
Molybdenum	95-1	377	377	370	374	1.03	cps
Molybdenum	96-1	463	410	420	431	6.58	cps
Molybdenum	97-1	180	180	170	177	3.27	cps
Molybdenum	98-1	457	467	407	443	7.25	cps
Neodymium	150-1	30	13	13	19	50.96	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1117	953	1010	1027	8.08	cps
Phosphorus	31-2	137	163	87	129	30.20	cps
Potassium	39-2	24578	24671	24083	24444	1.29	cps
Rhodium	103-1	8467581	8370919	8473785	8437428	0.68	cps
Rhodium	103-2	3675152	3630379	3662672	3656068	0.63	cps
Scandium	45-1	5683988	5744491	5705335	5711271	0.54	cps
Scandium	45-2	128266	127933	125885	127361	1.01	cps
Selenium	82-1	-77	33	-43	-29	-195.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	50	30	27	36	35.49	cps
Silicon	28-1	433093	431549	436799	433814	0.62	cps
Silver	107-1	463	327	347	379	19.48	cps
Silver	109-1	267	270	313	283	9.19	cps
Sodium	23-2	53400	53133	52200	52911	1.19	cps
Strontium	86-1	723	690	707	707	2.36	cps
Strontium	88-1	503	620	487	537	13.54	cps
Sulfur	34-1	635747	637773	640441	637987	0.37	cps
Terbium	159-1	10686714	10638844	10758699	10694752	0.56	cps
Terbium	159-2	3882637	3907930	3905612	3898726	0.36	cps
Thallium	203-1	587	670	640	632	6.68	cps
Thallium	205-1	1443	1397	1503	1448	3.69	cps
Tin	118-1	3297	3187	3294	3259	1.92	cps
Titanium	47-1	337	400	360	366	8.76	cps
Uranium	238-1	203	143	163	170	17.97	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	PB167612BL	Instrumnet Name :	P8
Client Sample ID :	PB167612BL	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:46:47	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	23	23	17	21	18.21	cps
Ytterbium	172-1	50	63	80	64	23.32	cps
Ytterbium	172-2	33	23	27	28	18.33	cps
Ytterbium	176-1	1267	1327	1363	1319	3.70	cps
Ytterbium	176-2	280	323	297	300	7.29	cps
Yttrium	89-1	16252678	16482311	16392691	16375894	0.71	cps
Yttrium	89-2	1301824	1315117	1303497	1306813	0.55	cps
Zinc	66-2	1973	1917	1920	1937	1.64	cps
Zirconium	90-1	1247	1287	1273	1269	1.61	cps
Zirconium	91-1	237	323	230	263	19.77	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	PB167612BS	Instrumnet Name :	P8
Client Sample ID :	PB167612BS	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:50:10	DataFile Name :	026LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1246839	1234463	1272905	1251402	1.57	cps
Antimony	121-1	16685336	16650382	16646508	16660742	0.13	cps
Arsenic	75-2	381373	385297	385210	383960	0.58	cps
Barium	135-1	20073361	20032469	20415011	20173614	1.04	cps
Barium	137-1	34479139	35284923	35030459	34931507	1.18	cps
Beryllium	9-1	3419801	3386592	3429130	3411841	0.66	cps
Bismuth	209-1	5879410	5815479	5985928	5893606	1.46	cps
Bismuth	209-2	2626148	2586351	2626602	2613034	0.88	cps
Bromine	81-1	33363	32929	32889	33060	0.80	cps
Cadmium	108-1	319765	326318	329532	325205	1.53	cps
Cadmium	106-1	463670	471316	470545	468510	0.90	cps
Cadmium	111-1	4203735	4260773	4296815	4253774	1.10	cps
Calcium	43-1	5065228	5122093	4979407	5055576	1.42	cps
Calcium	44-1	83722710	83219162	82908875	83283583	0.49	cps
Carbon	12-1	4710505	4892435	4931899	4844946	2.44	cps
Carbon	12-2	36666	37929	38323	37639	2.30	cps
Chlorine	35-1	397705	393965	389662	393777	1.02	cps
Chlorine	35-2	1800	1753	1900	1818	4.12	cps
Chromium	52-2	3890459	3906699	3928239	3908466	0.48	cps
Cobalt	59-2	6976035	7016307	7037351	7009898	0.44	cps
Copper	63-2	53956778	54499889	53924899	54127189	0.60	cps
Dysprosium	156-1	373	440	347	387	12.43	cps
Dysprosium	156-2	40	57	43	47	18.90	cps
Erbium	164-1	230	213	220	221	3.79	cps
Erbium	164-2	90	113	103	102	11.45	cps
Gadolinium	160-1	233	250	247	243	3.62	cps
Gadolinium	160-2	60	73	87	73	18.18	cps
Holmium	165-1	10176960	10159237	10279186	10205127	0.63	cps
Holmium	165-2	4027550	3876082	3886648	3930093	2.15	cps
Indium	115-1	8347064	8188772	8247478	8261105	0.97	cps
Indium	115-2	917074	913301	913512	914629	0.23	cps
Iron	54-2	7922281	7976321	8022707	7973769	0.63	cps
Iron	56-2	144705535	146057958	145660985	145474826	0.48	cps
Iron	57-2	3641007	3671019	3627618	3646548	0.61	cps
Krypton	83-1	430	457	457	448	3.44	cps
Lead	206-1	58726539	59311602	59949812	59329318	1.03	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	PB167612BS	Instrumnet Name :	P8
Client Sample ID :	PB167612BS	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:50:10	DataFile Name :	026LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	49783599	50576974	50535063	50298545	0.89	cps
Lead	208-1	229437690	233233095	234089737	232253507	1.07	cps
Lithium	6-1	2669608	2643597	2639435	2650880	0.62	cps
Magnesium	24-2	21822918	21356953	21711046	21630306	1.12	cps
Manganese	55-2	16949951	17042058	17114891	17035633	0.49	cps
Molybdenum	94-1	58295329	59023449	59365786	58894855	0.93	cps
Molybdenum	95-1	84364742	85093432	85579279	85012484	0.72	cps
Molybdenum	96-1	92517042	93023295	94416672	93319003	1.05	cps
Molybdenum	97-1	52123616	52327611	52861048	52437425	0.73	cps
Molybdenum	98-1	137330348	136015421	137682165	137009311	0.64	cps
Neodymium	150-1	1463	1480	1363	1436	4.40	cps
Neodymium	150-2	40	100	70	70	42.86	cps
Nickel	60-2	1968091	1966592	1957446	1964043	0.29	cps
Phosphorus	31-2	63371	62487	64295	63384	1.43	cps
Potassium	39-2	7727732	7690471	7817903	7745368	0.85	cps
Rhodium	103-1	7738946	7689816	7798661	7742474	0.70	cps
Rhodium	103-2	3327581	3355095	3330819	3337832	0.45	cps
Scandium	45-1	5509831	5505059	5463783	5492891	0.46	cps
Scandium	45-2	127193	128206	127674	127691	0.40	cps
Selenium	82-1	247800	246614	250979	248464	0.91	cps
Selenium	77-2	5061	5211	5064	5112	1.68	cps
Selenium	78-2	17388	17638	17771	17599	1.11	cps
Silicon	28-1	21597043	21663628	21766808	21675826	0.39	cps
Silver	107-1	20693960	21376258	21336833	21135683	1.81	cps
Silver	109-1	19887493	19944997	20274577	20035689	1.04	cps
Sodium	23-2	43269529	42741594	43127430	43046185	0.63	cps
Strontium	86-1	5489396	5622706	5576968	5563023	1.22	cps
Strontium	88-1	48036766	48797439	49299754	48711320	1.31	cps
Sulfur	34-1	1879206	1873414	1866133	1872917	0.35	cps
Terbium	159-1	10634202	10561890	10317972	10504688	1.58	cps
Terbium	159-2	3847874	3786869	3801176	3811973	0.84	cps
Thallium	203-1	14291105	14532985	14597897	14473996	1.12	cps
Thallium	205-1	34040422	33967179	34622460	34210020	1.05	cps
Tin	118-1	13685922	13647234	13705693	13679616	0.22	cps
Titanium	47-1	22918090	23191705	23098899	23069564	0.60	cps
Uranium	238-1	43526603	44185311	44492914	44068276	1.12	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	PB167612BS	Instrumnet Name :	P8
Client Sample ID :	PB167612BS	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:50:10	DataFile Name :	026LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2930388	2925596	2960924	2938969	0.65	cps
Ytterbium	172-1	300	260	283	281	7.15	cps
Ytterbium	172-2	100	113	133	116	14.52	cps
Ytterbium	176-1	67069	68024	69646	68246	1.91	cps
Ytterbium	176-2	25040	25558	25064	25221	1.16	cps
Yttrium	89-1	15724367	15533878	15672411	15643552	0.63	cps
Yttrium	89-2	1268924	1264821	1272326	1268690	0.30	cps
Zinc	66-2	6255219	6278625	6287525	6273790	0.27	cps
Zirconium	90-1	29331491	29506634	29731107	29523077	0.68	cps
Zirconium	91-1	6528196	6608482	6599870	6578849	0.67	cps

LB Number : LB135477 Operator : Jaswal
 Lab Sample ID : Q1812-02 Instrumnet Name : P8
 Client Sample ID : RINSE-EB-TANK-041525 Dilution Factor : 1
 Date & Time Acquired : 2025-04-17 16:52:55 DataFile Name : 027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3457	3540	3657	3552	2.83	cps
Antimony	121-1	5611	4978	4744	5111	8.78	cps
Arsenic	75-2	190	217	170	192	12.18	cps
Barium	135-1	193120	193089	191765	192658	0.40	cps
Barium	137-1	331965	331932	334105	332667	0.37	cps
Beryllium	9-1	390	385	374	383	2.17	cps
Bismuth	209-1	6377446	6238874	6381315	6332545	1.28	cps
Bismuth	209-2	2832369	2868027	2780074	2826823	1.56	cps
Bromine	81-1	73636	77298	77777	76237	2.97	cps
Cadmium	108-1	60	23	20	34	64.44	cps
Cadmium	106-1	5548	5948	5378	5625	5.21	cps
Cadmium	111-1	4108	4401	3877	4129	6.35	cps
Calcium	43-1	2504105	2477579	2426036	2469240	1.61	cps
Calcium	44-1	40359320	41410324	40180184	40649942	1.63	cps
Carbon	12-1	7019186	7839777	8390126	7749696	8.90	cps
Carbon	12-2	60758	63734	63600	62697	2.68	cps
Chlorine	35-1	5335343	5820068	6078119	5744510	6.56	cps
Chlorine	35-2	30602	32887	33018	32169	4.22	cps
Chromium	52-2	3474	3557	3114	3382	6.97	cps
Cobalt	59-2	647	620	587	618	4.87	cps
Copper	63-2	218151	221163	219363	219559	0.69	cps
Dysprosium	156-1	70	73	107	83	24.33	cps
Dysprosium	156-2	60	27	20	36	60.27	cps
Erbium	164-1	107	140	127	124	13.48	cps
Erbium	164-2	43	10	53	36	63.81	cps
Gadolinium	160-1	187	170	190	182	5.88	cps
Gadolinium	160-2	83	40	70	64	34.44	cps
Holmium	165-1	10701899	10768623	10551481	10674001	1.04	cps
Holmium	165-2	4013216	4037118	4075705	4042013	0.78	cps
Indium	115-1	9352857	9231714	9180387	9254986	0.96	cps
Indium	115-2	1039129	1045487	1033644	1039420	0.57	cps
Iron	54-2	9710	9490	9633	9611	1.16	cps
Iron	56-2	171123	171986	168641	170583	1.02	cps
Iron	57-2	4607	4644	4174	4475	5.84	cps
Krypton	83-1	333	333	303	323	5.36	cps
Lead	206-1	9817	9010	8553	9127	7.01	cps

LB Number : LB135477 Operator : Jaswal
 Lab Sample ID : Q1812-02 Instrumnet Name : P8
 Client Sample ID : RINSE-EB-TANK-041525 Dilution Factor : 1
 Date & Time Acquired : 2025-04-17 16:52:55 DataFile Name : 027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	8206	7576	6892	7558	8.70	cps
Lead	208-1	37878	34311	32957	35049	7.25	cps
Lithium	6-1	2865068	2864463	2844264	2857932	0.41	cps
Magnesium	24-2	2821769	2826306	2815358	2821144	0.19	cps
Manganese	55-2	21176	21379	21182	21246	0.54	cps
Molybdenum	94-1	5858	4708	4261	4942	16.67	cps
Molybdenum	95-1	7049	6125	5534	6236	12.24	cps
Molybdenum	96-1	7362	6348	6048	6586	10.45	cps
Molybdenum	97-1	4167	3611	3177	3652	13.59	cps
Molybdenum	98-1	10928	9160	8489	9526	13.22	cps
Neodymium	150-1	113	97	110	107	8.27	cps
Neodymium	150-2	27	20	17	21	24.12	cps
Nickel	60-2	5361	5461	5448	5423	1.00	cps
Phosphorus	31-2	173	183	230	196	15.46	cps
Potassium	39-2	783097	789848	791064	788003	0.54	cps
Rhodium	103-1	8576183	8481310	8330286	8462593	1.47	cps
Rhodium	103-2	3629609	3609148	3630677	3623145	0.33	cps
Scandium	45-1	5831507	5863548	5912024	5869026	0.69	cps
Scandium	45-2	130930	135013	131911	132618	1.61	cps
Selenium	82-1	150	43	193	129	59.89	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	13	30	27	23	37.81	cps
Silicon	28-1	37774794	37830898	37819379	37808357	0.08	cps
Silver	107-1	2384	2110	1667	2054	17.62	cps
Silver	109-1	2247	1840	1550	1879	18.63	cps
Sodium	23-2	17710868	18022643	17904415	17879308	0.88	cps
Strontium	86-1	1026665	1036924	1034702	1032764	0.52	cps
Strontium	88-1	9411644	9503910	9506730	9474095	0.57	cps
Sulfur	34-1	1266480	1324306	1318472	1303086	2.44	cps
Terbium	159-1	11078139	10910704	11051267	11013370	0.82	cps
Terbium	159-2	3908422	3947894	3917930	3924749	0.52	cps
Thallium	203-1	1957	1630	1530	1706	13.08	cps
Thallium	205-1	4514	4041	3641	4065	10.76	cps
Tin	118-1	35897	35663	34223	35261	2.57	cps
Titanium	47-1	3077	2777	2474	2776	10.87	cps
Uranium	238-1	2360	1863	1740	1988	16.51	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	Q1812-02	Instrumnet Name :	P8
Client Sample ID :	RINSE-EB-TANK-041525	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:52:55	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	660	650	697	669	3.67	cps
Ytterbium	172-1	147	130	147	141	6.82	cps
Ytterbium	172-2	73	50	70	64	19.58	cps
Ytterbium	176-1	1297	1473	1253	1341	8.69	cps
Ytterbium	176-2	290	297	310	299	3.41	cps
Yttrium	89-1	16563708	16664939	16512492	16580379	0.47	cps
Yttrium	89-2	1342768	1350202	1341834	1344935	0.34	cps
Zinc	66-2	20879	21196	21106	21060	0.78	cps
Zirconium	90-1	4504	3554	3370	3809	15.97	cps
Zirconium	91-1	993	833	720	849	16.18	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	Q1812-03	Instrumnet Name :	P8
Client Sample ID :	RINSE-EB-PUMP-04152	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:58:04	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4297	4227	4474	4333	2.93	cps
Antimony	121-1	5258	5504	5301	5354	2.46	cps
Arsenic	75-2	350	370	340	353	4.32	cps
Barium	135-1	198743	199575	198742	199020	0.24	cps
Barium	137-1	348196	344626	342961	345261	0.77	cps
Beryllium	9-1	189	155	201	182	13.17	cps
Bismuth	209-1	6198104	6354500	6268816	6273807	1.25	cps
Bismuth	209-2	2784509	2822710	2784884	2797368	0.78	cps
Bromine	81-1	76618	80000	80818	79145	2.81	cps
Cadmium	108-1	23	27	43	31	34.44	cps
Cadmium	106-1	5454	5635	5665	5585	2.03	cps
Cadmium	111-1	3878	4026	4048	3984	2.31	cps
Calcium	43-1	2546569	2524987	2539934	2537163	0.44	cps
Calcium	44-1	41764961	42001174	41443004	41736380	0.67	cps
Carbon	12-1	7040248	7815634	8244554	7700145	7.93	cps
Carbon	12-2	59794	61729	62074	61199	2.01	cps
Chlorine	35-1	5707747	6180803	6417728	6102093	5.92	cps
Chlorine	35-2	33355	33793	33783	33644	0.74	cps
Chromium	52-2	3614	3724	3654	3664	1.52	cps
Cobalt	59-2	747	863	733	781	9.16	cps
Copper	63-2	160880	162872	161099	161617	0.68	cps
Dysprosium	156-1	97	87	93	92	5.52	cps
Dysprosium	156-2	20	20	33	24	31.49	cps
Erbium	164-1	160	153	103	139	22.30	cps
Erbium	164-2	77	37	80	64	37.42	cps
Gadolinium	160-1	203	143	163	170	17.97	cps
Gadolinium	160-2	47	43	40	43	7.70	cps
Holmium	165-1	10504005	10361815	10613247	10493022	1.20	cps
Holmium	165-2	4091443	4084479	4096689	4090870	0.15	cps
Indium	115-1	9367613	9219046	9312402	9299687	0.81	cps
Indium	115-2	1033302	1043741	1038309	1038450	0.50	cps
Iron	54-2	182540	184613	184242	183798	0.60	cps
Iron	56-2	3504581	3553015	3454283	3503960	1.41	cps
Iron	57-2	84425	85008	84565	84666	0.36	cps
Krypton	83-1	283	350	340	324	11.08	cps
Lead	206-1	5698	5721	5294	5571	4.31	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	Q1812-03	Instrumnet Name :	P8
Client Sample ID :	RINSE-EB-PUMP-04152	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:58:04	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4878	4628	4604	4703	3.22	cps
Lead	208-1	21914	21604	20797	21438	2.69	cps
Lithium	6-1	2797157	2820215	2770187	2795853	0.90	cps
Magnesium	24-2	2918460	2877946	2916689	2904365	0.79	cps
Manganese	55-2	60701	62345	61247	61431	1.36	cps
Molybdenum	94-1	3400	3410	3370	3394	0.61	cps
Molybdenum	95-1	3984	4004	4061	4016	0.99	cps
Molybdenum	96-1	4824	4758	4654	4745	1.81	cps
Molybdenum	97-1	2584	2680	2770	2678	3.49	cps
Molybdenum	98-1	6688	6522	6432	6547	1.99	cps
Neodymium	150-1	110	93	133	112	17.91	cps
Neodymium	150-2	30	37	37	34	11.18	cps
Nickel	60-2	3437	3661	3484	3527	3.34	cps
Phosphorus	31-2	177	263	250	230	20.29	cps
Potassium	39-2	819630	826241	828540	824803	0.56	cps
Rhodium	103-1	8448464	8513827	8431276	8464522	0.51	cps
Rhodium	103-2	3622030	3657789	3634703	3638174	0.50	cps
Scandium	45-1	6020147	5931364	5894438	5948650	1.09	cps
Scandium	45-2	132880	135242	134869	134330	0.95	cps
Selenium	82-1	147	67	90	101	40.69	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	27	40	57	41	36.56	cps
Silicon	28-1	38516020	39256102	38180399	38650840	1.42	cps
Silver	107-1	463	480	550	498	9.24	cps
Silver	109-1	450	437	490	459	6.05	cps
Sodium	23-2	18704263	18844955	18566384	18705200	0.74	cps
Strontium	86-1	1045484	1040120	1047728	1044444	0.37	cps
Strontium	88-1	9590803	9571979	9536384	9566388	0.29	cps
Sulfur	34-1	1424041	1440618	1411055	1425238	1.04	cps
Terbium	159-1	10924956	10907005	10780259	10870740	0.73	cps
Terbium	159-2	3939609	3957383	4012622	3969871	0.96	cps
Thallium	203-1	983	863	920	922	6.51	cps
Thallium	205-1	2284	2277	2114	2225	4.33	cps
Tin	118-1	65154	65332	63958	64815	1.15	cps
Titanium	47-1	2417	2230	2197	2281	5.20	cps
Uranium	238-1	1143	1037	1047	1076	5.48	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	Q1812-03	Instrumnet Name :	P8
Client Sample ID :	RINSE-EB-PUMP-04152	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 16:58:04	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	837	817	813	822	1.54	cps
Ytterbium	172-1	163	123	110	132	20.99	cps
Ytterbium	172-2	50	67	57	58	14.52	cps
Ytterbium	176-1	1303	1320	1313	1312	0.64	cps
Ytterbium	176-2	313	300	227	280	16.67	cps
Yttrium	89-1	16734921	16591898	16681386	16669402	0.43	cps
Yttrium	89-2	1327706	1345850	1354105	1342554	1.01	cps
Zinc	66-2	56890	57676	56094	56887	1.39	cps
Zirconium	90-1	3234	3040	2804	3026	7.12	cps
Zirconium	91-1	667	683	583	644	8.31	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 17:04:03	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6346306	6383537	6331214	6353686	0.42	cps
Antimony	121-1	15182361	15286424	15163649	15210811	0.43	cps
Arsenic	75-2	362225	362166	365010	363134	0.45	cps
Barium	135-1	18599717	18920339	18659342	18726466	0.91	cps
Barium	137-1	31782415	32112535	32003096	31966015	0.53	cps
Beryllium	9-1	3137620	3192167	3272926	3200904	2.13	cps
Bismuth	209-1	5225955	5181589	5162572	5190039	0.63	cps
Bismuth	209-2	2332629	2332022	2332711	2332454	0.02	cps
Bromine	81-1	35184	37346	37701	36744	3.71	cps
Cadmium	108-1	281128	290960	292915	288334	2.19	cps
Cadmium	106-1	419960	426575	421452	422662	0.82	cps
Cadmium	111-1	3781921	3765696	3783103	3776907	0.26	cps
Calcium	43-1	23837535	24019611	23999400	23952182	0.42	cps
Calcium	44-1	394853407	398766167	396293781	396637785	0.50	cps
Carbon	12-1	5031507	5079271	5059350	5056709	0.47	cps
Carbon	12-2	42327	42327	42632	42429	0.41	cps
Chlorine	35-1	507702	498737	495389	500609	1.27	cps
Chlorine	35-2	2220	2307	2437	2321	4.70	cps
Chromium	52-2	3789772	3751044	3707266	3749361	1.10	cps
Cobalt	59-2	6567982	6512117	6454699	6511600	0.87	cps
Copper	63-2	48284973	47959498	47945143	48063204	0.40	cps
Dysprosium	156-1	830	740	743	771	6.62	cps
Dysprosium	156-2	200	220	203	208	5.16	cps
Erbium	164-1	727	797	737	753	5.03	cps
Erbium	164-2	230	253	300	261	13.65	cps
Gadolinium	160-1	527	537	687	583	15.37	cps
Gadolinium	160-2	240	213	247	233	7.56	cps
Holmium	165-1	9382076	9529813	9480610	9464166	0.79	cps
Holmium	165-2	3697536	3742182	3735569	3725096	0.65	cps
Indium	115-1	7582235	7617339	7624594	7608056	0.30	cps
Indium	115-2	860998	863659	864244	862967	0.20	cps
Iron	54-2	38219644	38261734	37700049	38060476	0.82	cps
Iron	56-2	697280390	695706790	690488256	694491812	0.51	cps
Iron	57-2	17533382	17691909	17462736	17562676	0.67	cps
Krypton	83-1	420	357	497	424	16.52	cps
Lead	206-1	51562081	52743583	52495388	52267017	1.19	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 17:04:03	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	43930268	44730919	44350638	44337275	0.90	cps
Lead	208-1	203249404	205203470	204213770	204222215	0.48	cps
Lithium	6-1	2397723	2470840	2469912	2446158	1.71	cps
Magnesium	24-2	103858798	104229888	102815862	103634850	0.71	cps
Manganese	55-2	16467473	16295566	16316026	16359689	0.57	cps
Molybdenum	94-1	54191254	55139158	55623823	54984745	1.33	cps
Molybdenum	95-1	77539129	79874237	80923510	79445625	2.18	cps
Molybdenum	96-1	84354990	86852959	87632689	86280213	1.98	cps
Molybdenum	97-1	47709464	49526179	49384688	48873444	2.07	cps
Molybdenum	98-1	126168951	129055895	128865348	128030065	1.26	cps
Neodymium	150-1	1393	1473	1580	1482	6.32	cps
Neodymium	150-2	147	100	103	117	22.32	cps
Nickel	60-2	1793819	1804779	1785080	1794559	0.55	cps
Phosphorus	31-2	62675	62424	62735	62611	0.26	cps
Potassium	39-2	39404735	39492514	39222394	39373214	0.35	cps
Rhodium	103-1	6973729	6998703	6921210	6964547	0.57	cps
Rhodium	103-2	3065844	3004042	3052594	3040827	1.07	cps
Scandium	45-1	5250849	5280041	5235045	5255312	0.43	cps
Scandium	45-2	128105	127610	126851	127522	0.50	cps
Selenium	82-1	217583	224277	222015	221292	1.54	cps
Selenium	77-2	4784	5031	4894	4903	2.52	cps
Selenium	78-2	17231	16313	16770	16771	2.74	cps
Silicon	28-1	20892937	21263041	21366110	21174029	1.18	cps
Silver	107-1	18009988	18390699	18505411	18302033	1.42	cps
Silver	109-1	17340618	17437362	17757601	17511860	1.25	cps
Sodium	23-2	204465397	206072857	204104050	204880768	0.51	cps
Strontium	86-1	5080780	5126152	5123611	5110181	0.50	cps
Strontium	88-1	44178051	44975718	44908603	44687457	0.99	cps
Sulfur	34-1	1810438	1830068	1821649	1820718	0.54	cps
Terbium	159-1	9714723	9749048	9608195	9690655	0.76	cps
Terbium	159-2	3560824	3620843	3636136	3605934	1.10	cps
Thallium	203-1	12651924	13116648	12856629	12875067	1.81	cps
Thallium	205-1	29923260	30425734	30231155	30193383	0.84	cps
Tin	118-1	12469233	12535466	12454059	12486253	0.35	cps
Titanium	47-1	21553962	21776457	21751412	21693944	0.56	cps
Uranium	238-1	39946030	40118502	40380104	40148212	0.54	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 17:04:03	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2923236	2911307	2882537	2905693	0.72	cps
Ytterbium	172-1	1010	1090	953	1018	6.75	cps
Ytterbium	172-2	457	450	450	452	0.85	cps
Ytterbium	176-1	62946	64443	64262	63884	1.28	cps
Ytterbium	176-2	23998	24496	24506	24334	1.19	cps
Yttrium	89-1	14575099	14664521	14792841	14677487	0.75	cps
Yttrium	89-2	1237111	1226579	1225443	1229711	0.52	cps
Zinc	66-2	5684996	5748557	5679132	5704228	0.67	cps
Zirconium	90-1	27316670	27783827	28136326	27745608	1.48	cps
Zirconium	91-1	6058455	6271554	6273186	6201065	1.99	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 17:06:47	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	943	1013	997	984	3.71	cps
Antimony	121-1	3817	3387	2877	3360	14.01	cps
Arsenic	75-2	17	30	17	21	36.45	cps
Barium	135-1	757	443	490	563	30.01	cps
Barium	137-1	1160	987	843	997	15.91	cps
Beryllium	9-1	512	447	455	472	7.54	cps
Bismuth	209-1	6408209	6328486	6329620	6355438	0.72	cps
Bismuth	209-2	2897081	2850799	2839248	2862376	1.07	cps
Bromine	81-1	35321	34643	34706	34890	1.07	cps
Cadmium	108-1	33	33	30	32	5.97	cps
Cadmium	106-1	5761	5875	5735	5790	1.28	cps
Cadmium	111-1	4296	4326	4193	4272	1.63	cps
Calcium	43-1	1873	1620	1517	1670	10.99	cps
Calcium	44-1	46770	42804	41002	43525	6.78	cps
Carbon	12-1	4160386	4044713	3940446	4048515	2.72	cps
Carbon	12-2	26858	27439	26658	26985	1.50	cps
Chlorine	35-1	352650	343947	339674	345424	1.91	cps
Chlorine	35-2	1570	1560	1623	1585	2.15	cps
Chromium	52-2	1480	1487	1437	1468	1.85	cps
Cobalt	59-2	287	273	360	307	15.22	cps
Copper	63-2	4211	4194	4031	4145	2.40	cps
Dysprosium	156-1	20	10	20	17	34.64	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	100	67	57	74	30.48	cps
Erbium	164-2	37	20	27	28	30.20	cps
Gadolinium	160-1	100	87	77	88	13.33	cps
Gadolinium	160-2	20	17	10	16	32.73	cps
Holmium	165-1	10509405	10674020	10640024	10607816	0.82	cps
Holmium	165-2	4127093	4039057	4049512	4071888	1.18	cps
Indium	115-1	9252552	9398519	9254760	9301944	0.90	cps
Indium	115-2	1048034	1043146	1043454	1044878	0.26	cps
Iron	54-2	2127	2074	2007	2069	2.91	cps
Iron	56-2	33322	32093	30599	32005	4.26	cps
Iron	57-2	830	867	817	838	3.09	cps
Krypton	83-1	410	430	377	406	6.64	cps
Lead	206-1	5151	4464	4117	4578	11.49	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 17:06:47	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4601	3841	3581	4007	13.23	cps
Lead	208-1	20750	17742	16274	18255	12.50	cps
Lithium	6-1	2817022	2830930	2795540	2814497	0.63	cps
Magnesium	24-2	2190	2184	2124	2166	1.70	cps
Manganese	55-2	1840	1917	2074	1943	6.12	cps
Molybdenum	94-1	3050	2570	2130	2584	17.81	cps
Molybdenum	95-1	3737	2927	2317	2994	23.80	cps
Molybdenum	96-1	4141	3187	2440	3256	26.18	cps
Molybdenum	97-1	2120	1743	1297	1720	23.96	cps
Molybdenum	98-1	5348	4037	3597	4327	21.04	cps
Neodymium	150-1	17	7	23	16	53.90	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	927	890	907	908	2.02	cps
Phosphorus	31-2	167	110	150	142	20.48	cps
Potassium	39-2	31190	30292	30512	30665	1.53	cps
Rhodium	103-1	8623019	8627920	8630996	8627312	0.05	cps
Rhodium	103-2	3752584	3705361	3724929	3727625	0.64	cps
Scandium	45-1	5860713	5871323	5882298	5871445	0.18	cps
Scandium	45-2	132897	133601	132006	132834	0.60	cps
Selenium	82-1	33	-33	-30	-10	-375.70	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	37	40	27	34	20.14	cps
Silicon	28-1	516075	479311	478160	491182	4.39	cps
Silver	107-1	2297	1970	1783	2017	12.89	cps
Silver	109-1	2147	1877	1593	1872	14.78	cps
Sodium	23-2	70673	70010	68493	69726	1.60	cps
Strontium	86-1	900	833	790	841	6.59	cps
Strontium	88-1	2617	2214	1953	2261	14.78	cps
Sulfur	34-1	664000	670592	670590	668394	0.57	cps
Terbium	159-1	11005954	10766859	10807114	10859976	1.18	cps
Terbium	159-2	3887090	3914755	3921598	3907814	0.47	cps
Thallium	203-1	1710	1417	1303	1477	14.21	cps
Thallium	205-1	3857	3397	3300	3518	8.46	cps
Tin	118-1	4194	7323	3927	5148	36.68	cps
Titanium	47-1	1213	877	790	960	23.30	cps
Uranium	238-1	1443	1107	893	1148	24.16	cps

LB Number :	LB135477	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-04-17 17:06:47	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	77	83	107	89	17.72	cps
Ytterbium	172-1	70	57	57	61	12.59	cps
Ytterbium	172-2	27	13	37	26	45.82	cps
Ytterbium	176-1	1367	1403	1330	1367	2.68	cps
Ytterbium	176-2	293	283	233	270	11.91	cps
Yttrium	89-1	16527919	16754954	16780035	16687636	0.83	cps
Yttrium	89-2	1350950	1333081	1334112	1339381	0.75	cps
Zinc	66-2	2637	2440	2427	2501	4.70	cps
Zirconium	90-1	2600	2380	2190	2390	8.59	cps
Zirconium	91-1	553	537	437	509	12.40	cps