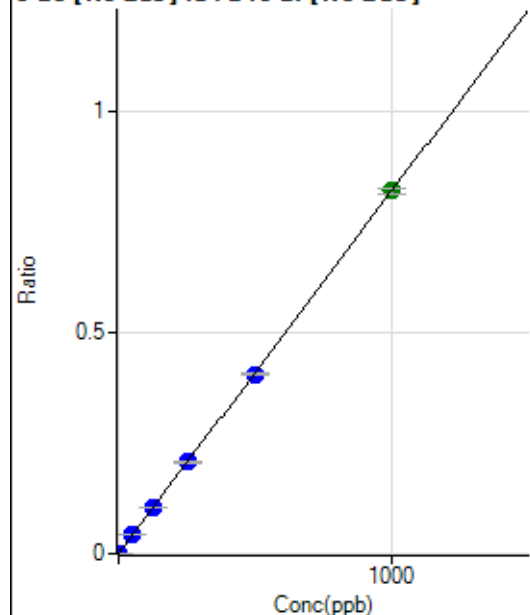


Calibration for 005CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8101123MS.b\
 Analysis File: P8101123MS.batch.bin
 DA Date-Time: 2023-10-11 12:19:06
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-10-11 10:45:19
2	005CALS.d	S02	2023-10-11 10:48:44
3	006CALS.d	S03	2023-10-11 10:52:10
4	007CALS.d	S04	2023-10-11 10:55:22
5	008CALS.d	S05	2023-10-11 10:58:28
6	009CALS.d	S06	2023-10-11 11:01:30
7	010CALS.d	S07	2023-10-11 11:04:34
8	011CALS.d	S08	2023-10-11 11:07:36

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	124.15	0.0001	P	5.3
2	☐	1.000	0.892	1716.97	0.0008	P	4.1
3	☐	50.000	51.214	89039.85	0.0420	P	1.1
4	☐	125.000	126.363	216637.51	0.1035	P	1.9
5	☐	250.000	253.713	414917.38	0.2078	P	2.2
6	☐	500.000	495.737	789109.97	0.4060	P	1.8
7	☐	1000.000	1000.972	1520854.83	0.8198	A	1.6
8	☐			387.07	0.0002	P	34.5

$$y = 8.1890E-004 * x + 5.7740E-005$$

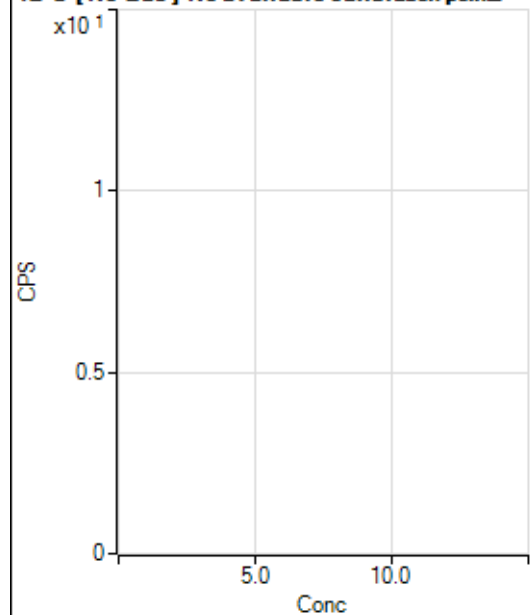
$$R = 1.0000$$

$$DL = 0.0112$$

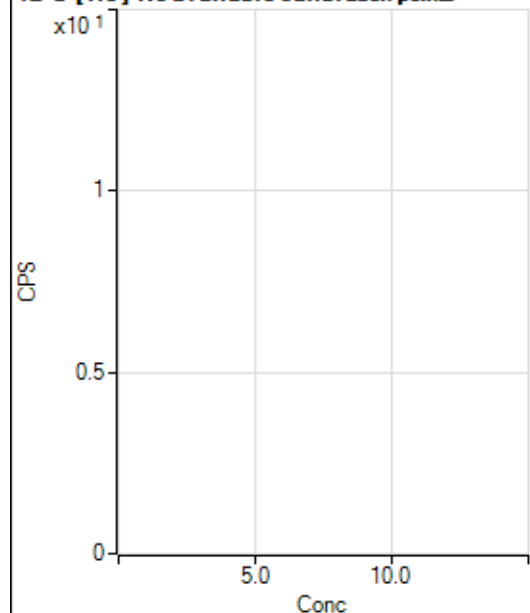
$$BEC = 0.07051$$

Weight: <None>

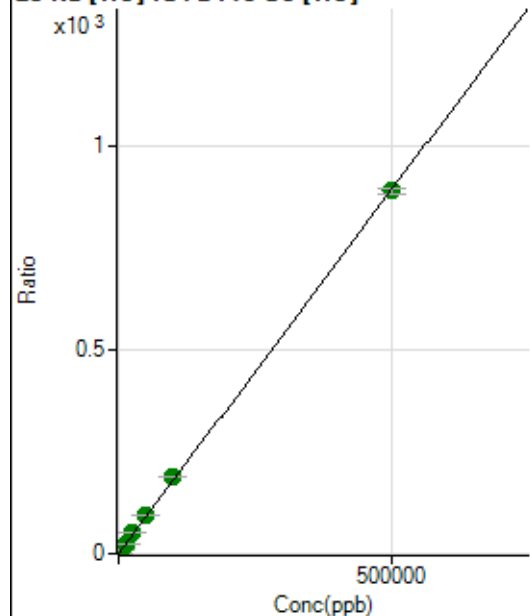
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2241287.49		A	0.9
2	☐			2293833.92		A	2.0
3	☐			2401578.09		A	1.4
4	☐			2428801.16		A	2.3
5	☐			2397250.19		A	0.1
6	☐			2684598.12		A	3.3
7	☐			2625992.04		A	2.5
8	☐			2264397.36		A	1.6

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			28857.30		P	1.0
2	☐			29733.50		P	1.8
3	☐			31248.80		P	0.7
4	☐			31909.19		P	2.0
5	☐			32850.05		P	1.0
6	☐			37358.64		P	1.7
7	☐			36878.44		P	0.9
8	☐			35991.88		P	0.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	58101.70	0.2925	P	0.6
2	☐	500.000	442.052	216322.78	1.0800	P	0.1
3	☐	5000.000	5409.824	1957259.05	9.9291	A	1.1
4	☐	12500.000	13452.126	4618122.47	24.2548	A	2.1
5	☐	25000.000	28641.199	8720236.68	51.3112	A	5.6
6	☐	50000.000	51870.379	16592726.00	92.6894	A	1.5
7	☐	100000.00	105355.38	33568401.72	187.9624	A	0.7
8	☐	500000.00	498531.98	168391298.6	888.3288	A	1.4

$$y = 0.0018 * x + 0.2925$$

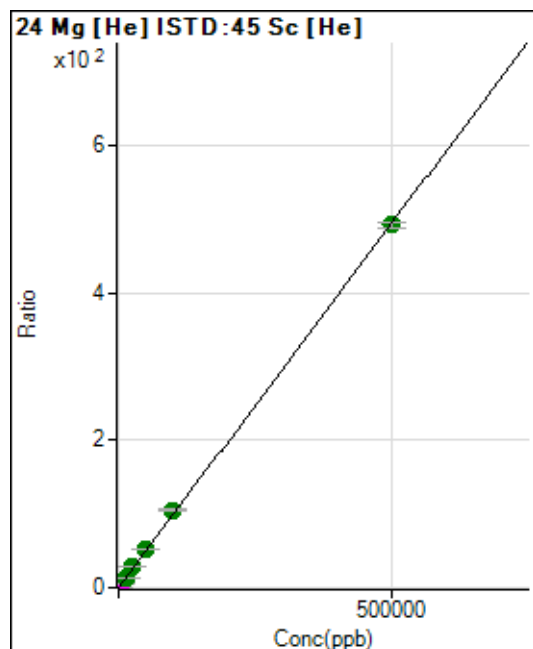
$$R = 0.9999$$

$$DL = 2.76$$

$$BEC = 164.2$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	157.78	0.0008	P	13.3
2	☐	500.000	444.502	88200.37	0.4404	P	1.3
3	☐	5000.000	5460.925	1064501.91	5.4010	M	2.8
4	☐	12500.000	13837.431	2605580.67	13.6843	A	0.9
5	☐	25000.000	29233.316	4911701.32	28.9090	A	6.5
6	☐	50000.000	52824.352	9351183.40	52.2376	A	0.6
7	☐	100000.00	106914.75	18881077.77	105.7264	A	1.0
8	☐	500000.00	498084.95	93365928.61	492.5459	A	1.6

$$y = 9.8888\text{E-}004 * x + 7.9501\text{E-}004$$

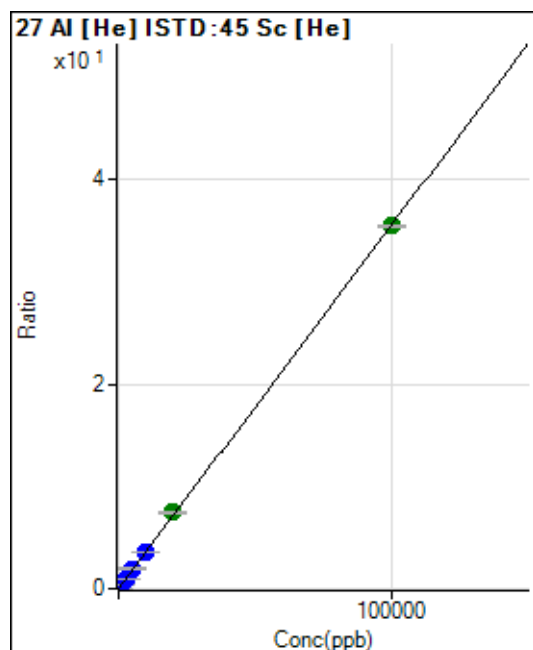
$$R = 0.9999$$

$$DL = 0.3214$$

$$BEC = 0.8039$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.55	0.0005	P	31.3
2	☐	20.000	19.903	1522.32	0.0076	P	3.6
3	☐	1000.000	1035.807	72611.30	0.3684	P	0.7
4	☐	2500.000	2588.057	175094.54	0.9196	P	1.0
5	☐	5000.000	5455.569	329344.90	1.9379	P	5.7
6	☐	10000.000	9870.224	627550.54	3.5055	P	0.2
7	☐	20000.000	20938.560	1327943.42	7.4360	A	2.0
8	☐	100000.00	99799.928	6718129.07	35.4404	A	0.7

$$y = 3.5511\text{E-}004 * x + 5.3127\text{E-}004$$

$$R = 0.9999$$

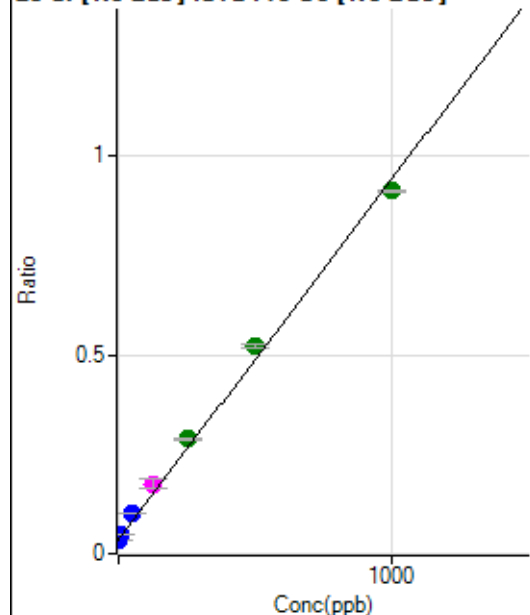
$$DL = 1.406$$

$$BEC = 1.496$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	197425.15	0.0358	P	1.9
2	☐	10.000	15.998	278068.53	0.0503	P	1.1
3	☐	50.000	72.913	567801.88	0.1017	P	0.9
4	☐	125.000	154.941	942663.54	0.1759	M	14.2
5	☐	250.000	278.774	1500933.33	0.2878	A	1.5
6	☐	500.000	538.381	2641632.37	0.5225	A	2.1
7	☐	1000.000	968.668	4478589.97	0.9115	A	0.8
8	☐			378450.26	0.0786	P	0.8

$$y = 9.0395E-004 * x + 0.0358$$

$$R = 0.9983$$

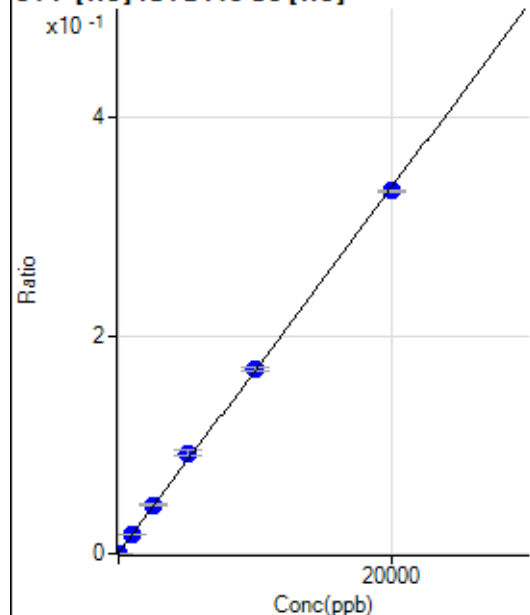
$$DL = 2.284$$

$$BEC = 39.65$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-13.827	56.67	0.0003	P	10.6
2	☐	0.000	13.827	150.00	0.0007	P	20.0
3	☐	1000.000	1045.728	3561.58	0.0181	P	1.9
4	☐	2500.000	2635.498	8520.35	0.0448	P	4.4
5	☐	5000.000	5488.654	15739.76	0.0926	P	6.7
6	☐	10000.000	10088.382	30407.44	0.1699	P	1.6
7	☐	20000.000	19814.422	59488.28	0.3331	P	0.7
8	☐			100.00	0.0005	P	14.2

$$y = 1.6785E-005 * x + 5.1748E-004$$

$$R = 0.9996$$

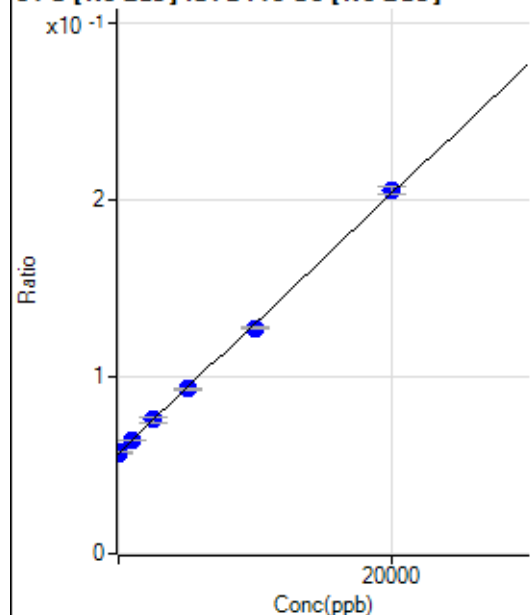
$$DL = 16.08$$

$$BEC = 30.83$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-40.440	313160.16	0.0568	P	1.9
2	☐	0.000	40.440	317542.93	0.0574	P	0.7
3	☐	1000.000	952.673	357916.69	0.0641	P	0.1
4	☐	2500.000	2567.487	408030.02	0.0760	P	4.4
5	☐	5000.000	4926.718	486532.06	0.0933	P	0.9
6	☐	10000.000	9631.466	646359.89	0.1278	P	0.4
7	☐	20000.000	20196.518	1009047.63	0.2054	P	2.2
8	☐			256621.77	0.0533	P	1.4

$$y = 7.3403E-006 * x + 0.0571$$

R = 0.9997

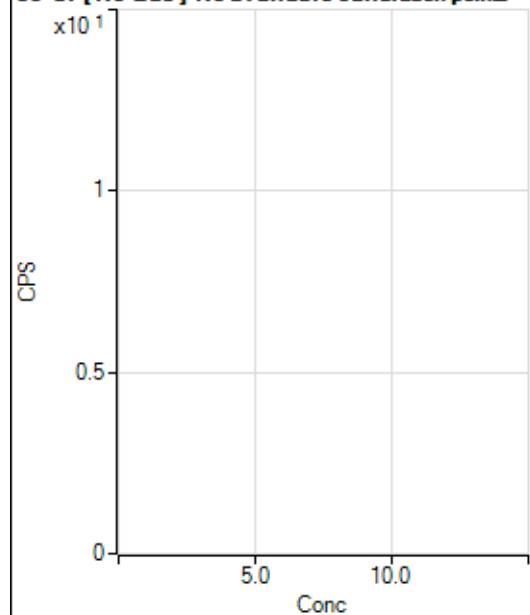
DL = 303.8

BEC = 7785

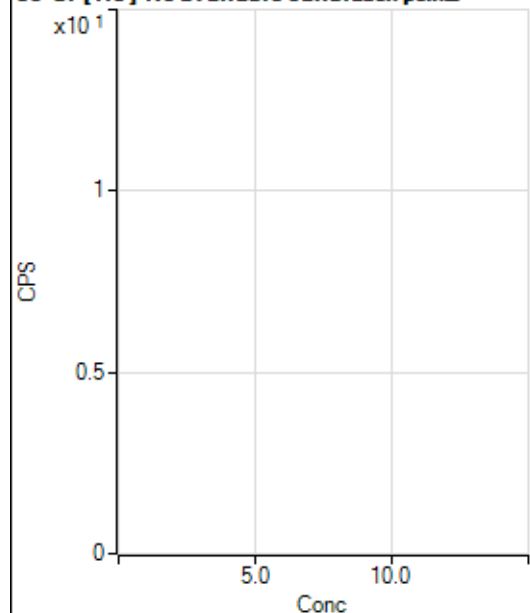
Weight: <None>

Min Conc: 0

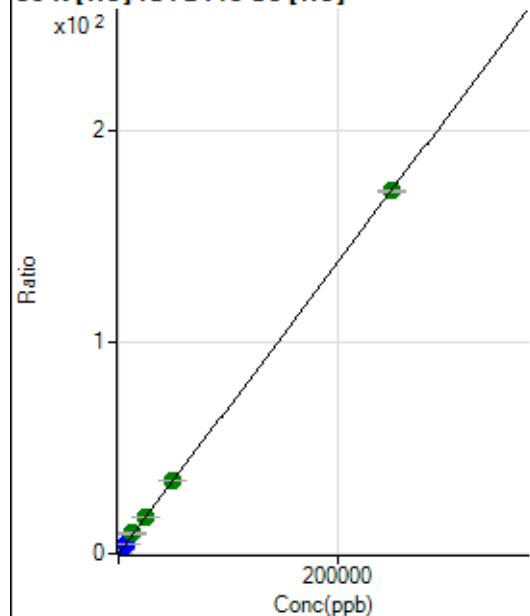
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			77447.83		P	1.0
2	☐			96154.23		P	0.2
3	☐			103212.10		P	0.6
4	☐			100353.65		P	0.9
5	☐			97468.66		P	0.8
6	☐			93499.22		P	0.6
7	☐			102981.62		P	1.5
8	☐			87229.56		P	1.4

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			641.13		P	8.1
2	☐			852.26		P	9.0
3	☐			882.26		P	8.4
4	☐			786.70		P	6.7
5	☐			773.36		P	9.1
6	☐			717.80		P	5.4
7	☐			886.71		P	2.3
8	☐			771.14		P	6.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	9796.73	0.0493	P	3.4
2	☐	500.000	426.196	68458.04	0.3418	P	1.1
3	☐	2500.000	2548.172	354364.28	1.7977	P	1.2
4	☐	6250.000	6442.060	851004.38	4.4695	P	0.2
5	☐	12500.000	14085.669	1650831.73	9.7141	A	5.9
6	☐	25000.000	25313.282	3118125.65	17.4179	A	1.1
7	☐	50000.000	50559.961	6204249.42	34.7407	A	0.8
8	☐	250000.00	249772.26	32497457.29	171.4291	A	0.4

$$y = 6.8614E-004 * x + 0.0493$$

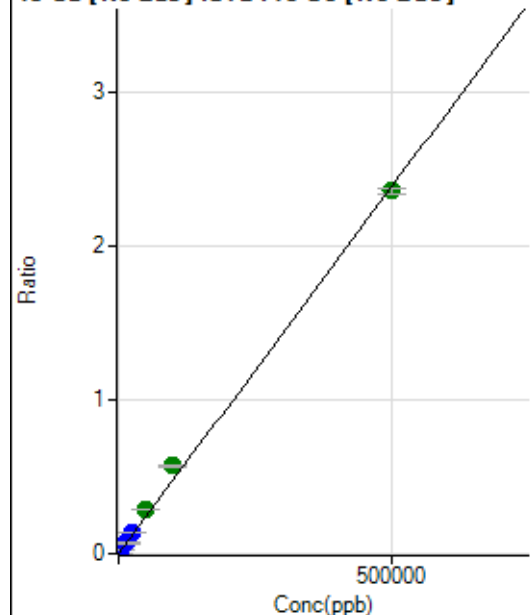
$$R = 1.0000$$

$$DL = 7.369$$

$$BEC = 71.9$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	202.22	0.0000	P	5.9
2	☐	500.000	423.418	11343.43	0.0021	P	2.8
3	☐	5000.000	5757.218	153115.78	0.0274	P	1.3
4	☐	12500.000	14699.526	375778.95	0.0700	P	5.1
5	☐	25000.000	29220.877	725283.77	0.1391	P	1.0
6	☐	50000.000	60484.131	1455505.93	0.2879	A	1.4
7	☐	100000.00	119764.48	2800741.10	0.5700	A	0.8
8	☐	500000.00	494725.16	11328865.94	2.3545	A	1.5

$$y = 4.7591\text{E-}006 * x + 3.6674\text{E-}005$$

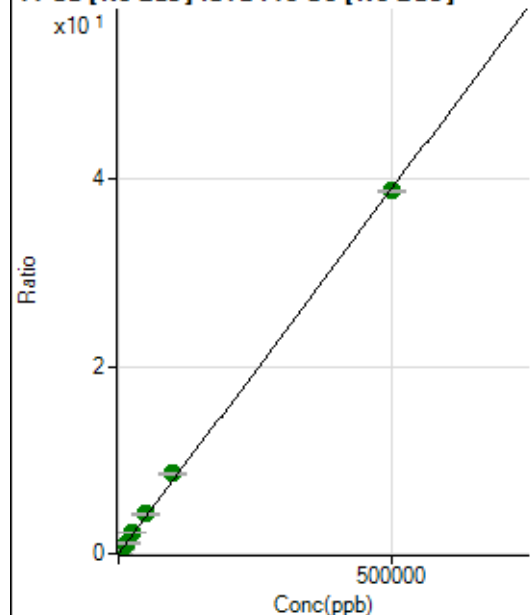
$$R = 0.9990$$

$$DL = 1.375$$

$$BEC = 7.706$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	49552.12	0.0090	P	3.0
2	☐	500.000	418.054	229762.69	0.0416	P	0.7
3	☐	5000.000	5641.604	2502618.94	0.4485	A	0.6
4	☐	12500.000	14194.407	5986297.20	1.1147	A	4.0
5	☐	25000.000	27964.602	11404422.19	2.1873	A	1.3
6	☐	50000.000	54034.025	21325139.96	4.2180	A	1.6
7	☐	100000.00	109916.48	42112550.48	8.5710	A	1.2
8	☐	500000.00	497416.37	186493359.4	38.7555	A	0.7

$$y = 7.7895\text{E-}005 * x + 0.0090$$

$$R = 0.9998$$

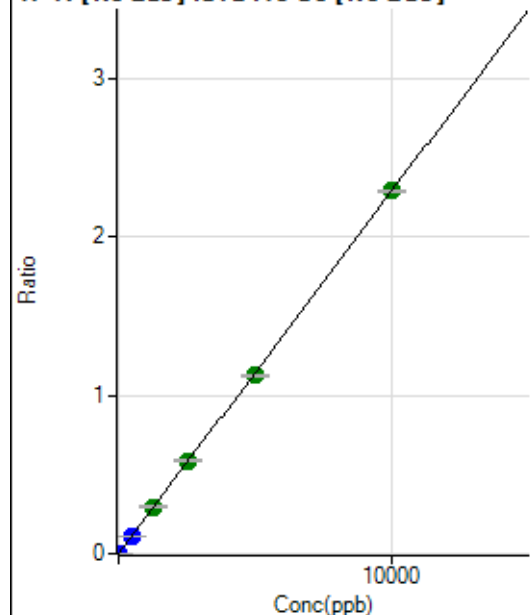
$$DL = 10.29$$

$$BEC = 115.5$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	121.11	0.0000	P	19.2
2	☐	5.000	4.368	5646.72	0.0010	P	3.4
3	☐	500.000	496.674	634082.24	0.1136	P	0.6
4	☐	1250.000	1297.467	1593836.24	0.2968	A	3.9
5	☐	2500.000	2565.588	3059463.39	0.5868	A	2.0
6	☐	5000.000	4929.817	5700974.36	1.1276	A	0.9
7	☐	10000.000	10012.928	11253772.89	2.2902	A	0.4
8	☐			2359.24	0.0005	P	13.2

$$y = 2.2872E-004 * x + 2.2014E-005$$

$$R = 0.9999$$

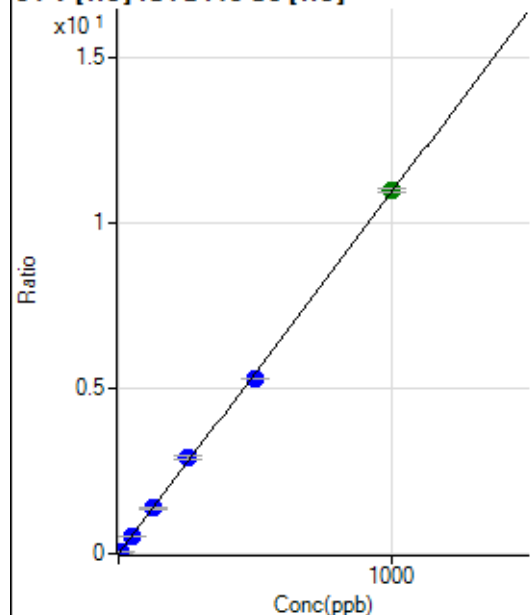
$$DL = 0.05548$$

$$BEC = 0.09625$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	57.78	0.0003	P	19.5
2	☐	5.000	4.338	9541.04	0.0476	P	1.3
3	☐	50.000	48.886	105227.77	0.5338	P	1.0
4	☐	125.000	125.252	260338.38	1.3673	P	0.4
5	☐	250.000	266.250	493919.15	2.9062	P	5.5
6	☐	500.000	484.516	946705.85	5.2884	P	0.7
7	☐	1000.000	1003.707	1956480.52	10.9550	A	0.9
8	☐			561.13	0.0030	P	11.4

$$y = 0.0109 * x + 2.9124E-004$$

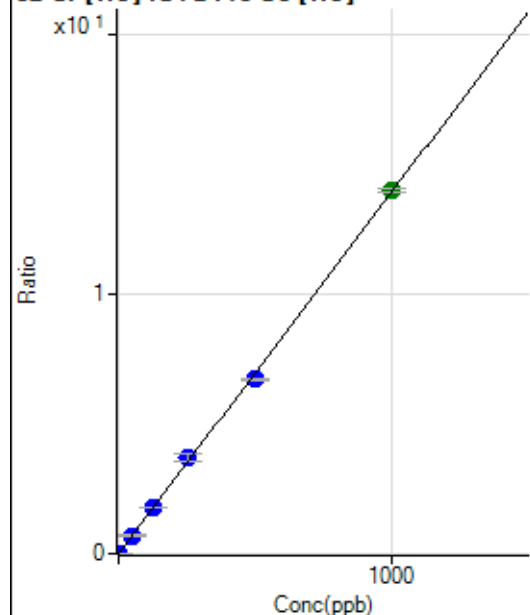
$$R = 0.9997$$

$$DL = 0.01565$$

$$BEC = 0.02668$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1817.91	0.0092	P	5.1
2	☐	2.000	1.799	6837.25	0.0341	P	1.7
3	☐	50.000	49.623	137606.26	0.6982	P	1.8
4	☐	125.000	125.925	334647.56	1.7576	P	0.4
5	☐	250.000	265.835	628756.48	3.7002	P	6.1
6	☐	500.000	482.558	1201064.00	6.7094	P	0.7
7	☐	1000.000	1004.666	2492951.77	13.9587	A	0.9
8	☐			7835.54	0.0413	P	2.0

$$y = 0.0139 * x + 0.0092$$

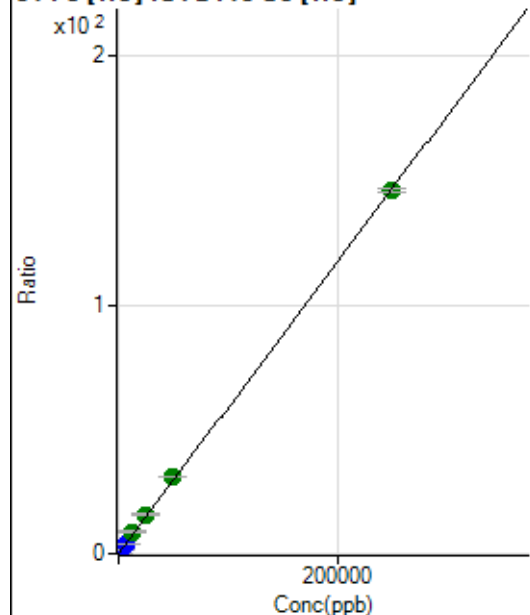
$$R = 0.9996$$

$$DL = 0.1003$$

$$BEC = 0.6593$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	505.57	0.0025	P	8.7
2	☐	50.000	47.189	6045.78	0.0302	P	2.4
3	☐	2500.000	2712.952	313709.74	1.5916	P	1.4
4	☐	6250.000	6830.962	762300.11	4.0036	P	0.6
5	☐	12500.000	14983.341	1491813.71	8.7786	A	5.9
6	☐	25000.000	27044.339	2836118.22	15.8430	A	0.3
7	☐	50000.000	52914.278	5535736.17	30.9956	A	1.2
8	☐	250000.00	249071.89	27654523.76	145.8893	A	1.0

$$y = 5.8572E-004 * x + 0.0025$$

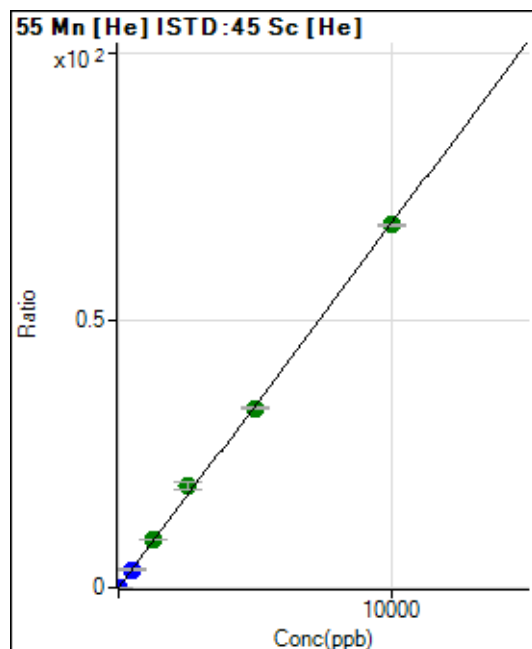
$$R = 0.9999$$

$$DL = 1.133$$

$$BEC = 4.348$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.34	0.0007	P	16.5
2	☐	1.000	0.942	1417.86	0.0071	P	5.4
3	☐	500.000	498.924	669315.90	3.3957	P	1.7
4	☐	1250.000	1321.964	1713054.49	8.9963	A	1.8
5	☐	2500.000	2790.349	3225506.24	18.9884	A	7.2
6	☐	5000.000	4924.992	5999520.88	33.5141	A	0.5
7	☐	10000.000	9955.975	12099463.71	67.7489	A	0.6
8	☐			6534.96	0.0345	P	1.4

$$y = 0.0068 * x + 6.7064E-004$$

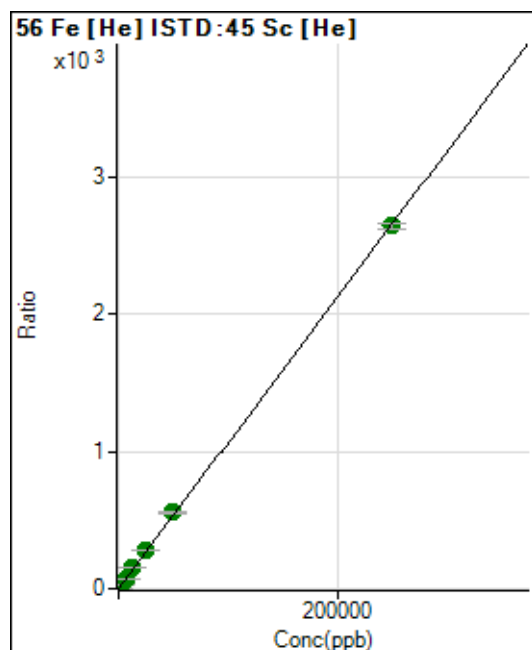
$$R = 0.9995$$

$$DL = 0.04881$$

$$BEC = 0.09855$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4537.42	0.0228	P	5.1
2	☐	50.000	46.057	102357.87	0.5110	P	1.7
3	☐	2500.000	2686.216	5616674.85	28.4964	A	1.6
4	☐	6250.000	6776.284	13680365.35	71.8506	A	0.9
5	☐	12500.000	14503.458	26119668.78	153.7577	A	7.0
6	☐	25000.000	26148.329	49619508.70	277.1919	A	1.3
7	☐	50000.000	52279.940	98973764.08	554.1837	A	0.4
8	☐	250000.00	249313.98	500949814.7	2,642.720	A	1.4

$$y = 0.0106 * x + 0.0228$$

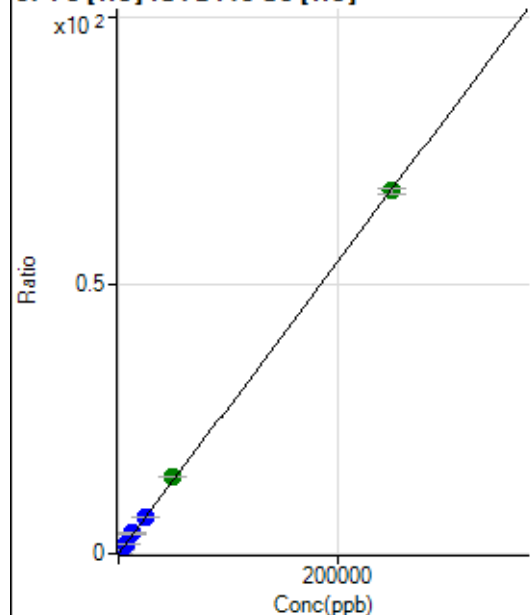
$$R = 0.9999$$

$$DL = 0.3294$$

$$BEC = 2.156$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	157.78	0.0008	P	17.5
2	☐	50.000	45.441	2623.61	0.0131	P	4.1
3	☐	2500.000	2582.547	137996.40	0.7001	P	0.9
4	☐	6250.000	6545.066	337593.33	1.7730	P	0.6
5	☐	12500.000	13926.785	641033.25	3.7718	P	5.5
6	☐	25000.000	25114.526	1217481.82	6.8011	P	0.5
7	☐	50000.000	52824.671	2554581.25	14.3041	A	0.6
8	☐	250000.00	249344.07	12797248.70	67.5158	A	1.8

$$y = 2.7077\text{E-}004 * x + 7.9402\text{E-}004$$

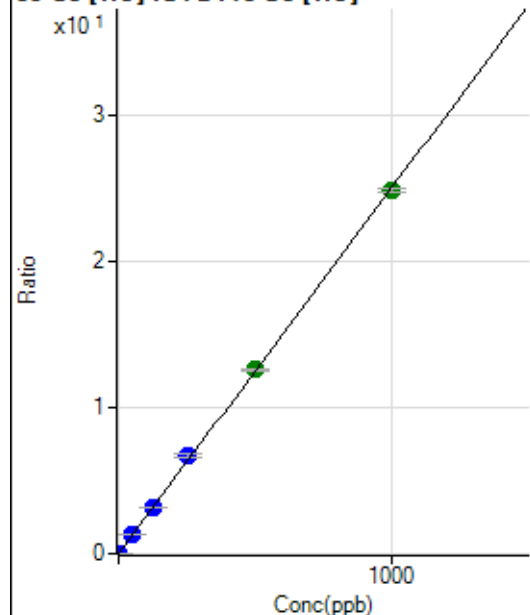
R = 0.9999

DL = 1.539

BEC = 2.932

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	276.67	0.0014	P	6.1
2	☐	1.000	0.874	4650.81	0.0232	P	1.8
3	☐	50.000	50.362	248182.84	1.2591	P	1.2
4	☐	125.000	127.191	605071.56	3.1778	P	0.2
5	☐	250.000	268.537	1140194.90	6.7078	P	5.0
6	☐	500.000	505.001	2257928.16	12.6131	A	1.0
7	☐	1000.000	992.573	4427158.16	24.7896	A	1.0
8	☐			11488.06	0.0606	P	1.3

$$y = 0.0250 * x + 0.0014$$

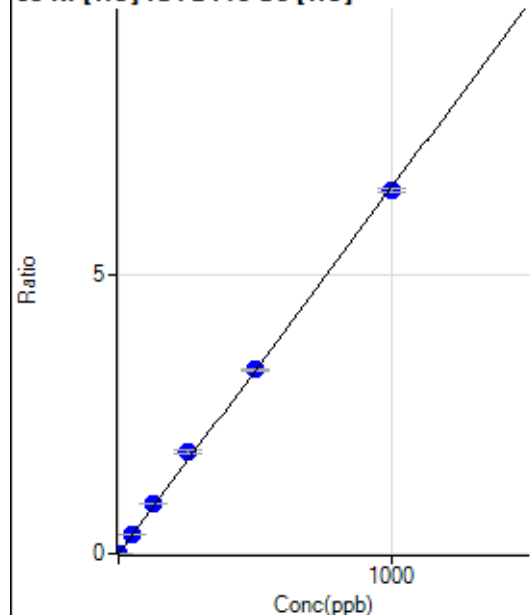
R = 0.9998

DL = 0.01022

BEC = 0.05576

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	131.11	0.0007	P	4.8
2	☐	1.000	0.991	1435.64	0.0072	P	2.5
3	☐	50.000	53.056	68807.73	0.3491	P	1.5
4	☐	125.000	134.114	167820.09	0.8814	P	0.3
5	☐	250.000	278.738	311296.46	1.8312	P	4.7
6	☐	500.000	501.976	590235.94	3.2972	P	0.6
7	☐	1000.000	990.535	1161789.96	6.5056	P	1.1
8	☐			3531.59	0.0186	P	5.6

$$y = 0.0066 * x + 6.6031E-004$$

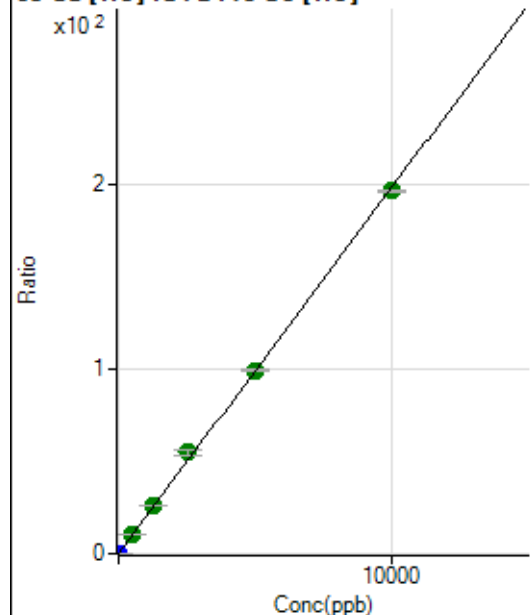
$$R = 0.9995$$

$$DL = 0.01451$$

$$BEC = 0.1005$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	731.14	0.0037	P	11.7
2	☐	2.000	1.814	7954.51	0.0397	P	1.9
3	☐	500.000	524.362	2054118.82	10.4212	A	1.6
4	☐	1250.000	1320.475	4995766.49	26.2377	A	0.3
5	☐	2500.000	2766.411	9337649.51	54.9643	A	6.8
6	☐	5000.000	5014.498	17834477.93	99.6273	A	0.8
7	☐	10000.000	9916.121	35183550.87	197.0085	A	0.6
8	☐			8026.79	0.0423	P	1.0

$$y = 0.0199 * x + 0.0037$$

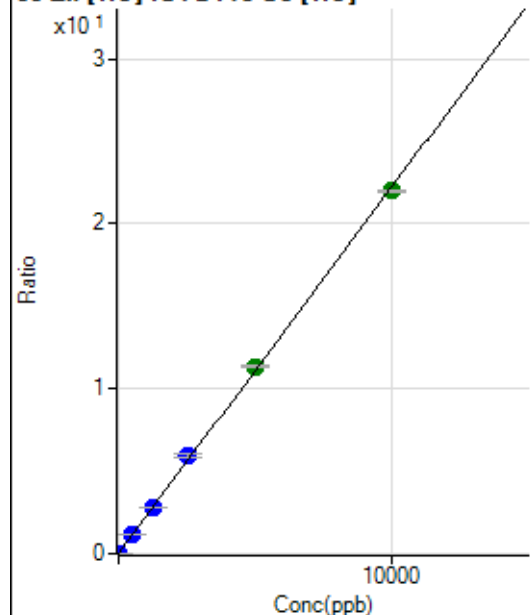
$$R = 0.9996$$

$$DL = 0.065$$

$$BEC = 0.1852$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD: ⁴⁵Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2390.22	0.0120	P	2.7
2	☐	2.000	1.908	3258.18	0.0163	P	2.2
3	☐	500.000	501.366	221620.55	1.1244	P	1.5
4	☐	1250.000	1269.702	538680.49	2.8290	P	0.9
5	☐	2500.000	2671.653	1009491.62	5.9395	P	5.4
6	☐	5000.000	5102.050	2028516.18	11.3316	A	1.2
7	☐	10000.000	9903.531	3926273.14	21.9844	A	0.5
8	☐			5573.37	0.0294	P	2.1

$$y = 0.0022 * x + 0.0120$$

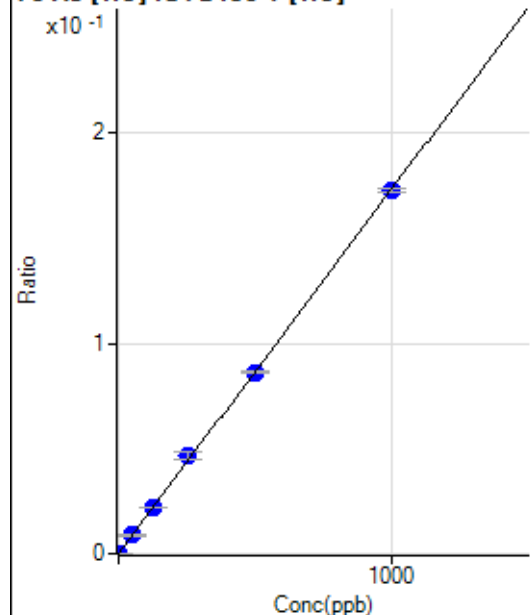
$$R = 0.9997$$

$$DL = 0.4435$$

$$BEC = 5.425$$

Weight: <None>

Min Conc: 0

⁷⁵As [He] ISTD: ⁸⁹Y [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	7.78	0.0000	P	137.
2	☐	1.000	0.861	202.22	0.0002	P	27.6
3	☐	50.000	50.496	11380.24	0.0088	P	3.6
4	☐	125.000	128.701	28026.84	0.0223	P	0.6
5	☐	250.000	270.669	52093.64	0.0469	P	7.6
6	☐	500.000	496.872	100847.07	0.0861	P	1.1
7	☐	1000.000	995.910	200154.83	0.1725	P	0.9
8	☐			106.67	0.0001	P	24.9

$$y = 1.7321E-004 * x + 5.9353E-006$$

$$R = 0.9998$$

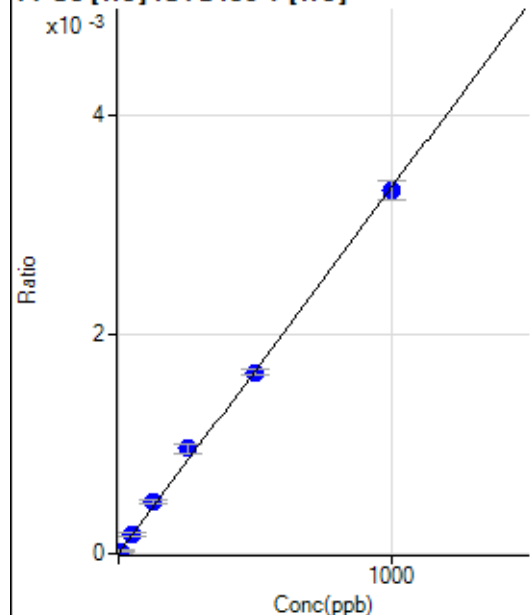
$$DL = 0.1414$$

$$BEC = 0.03427$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.
2	☐	5.000	6.652	31.11	0.0000	P	55.6
3	☐	50.000	50.257	220.00	0.0002	P	19.1
4	☐	125.000	141.435	595.57	0.0005	P	4.6
5	☐	250.000	286.634	1065.61	0.0010	P	8.5
6	☐	500.000	495.195	1939.04	0.0017	P	3.6
7	☐	1000.000	991.168	3840.56	0.0033	P	5.3
8	☐			33.33	0.0000	P	25.9

$$y = 3.3381\text{E-}006 * x + 1.7112\text{E-}006$$

$$R = 0.9992$$

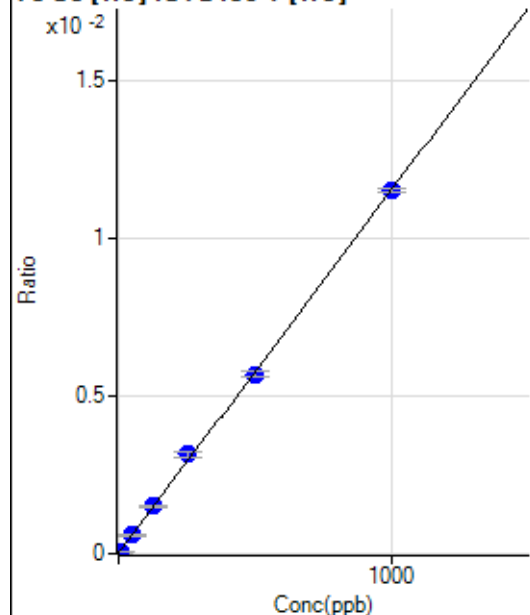
$$DL = 2.664$$

$$BEC = 0.5126$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	18.89	0.0000	P	79.1
2	☐	5.000	3.195	66.67	0.0001	P	30.7
3	☐	50.000	51.028	781.14	0.0006	P	8.3
4	☐	125.000	129.318	1886.81	0.0015	P	3.0
5	☐	250.000	271.980	3493.80	0.0031	P	5.1
6	☐	500.000	493.118	6659.44	0.0057	P	2.6
7	☐	1000.000	997.364	13320.88	0.0115	P	1.2
8	☐			104.45	0.0001	P	18.1

$$y = 1.1497\text{E-}005 * x + 1.4463\text{E-}005$$

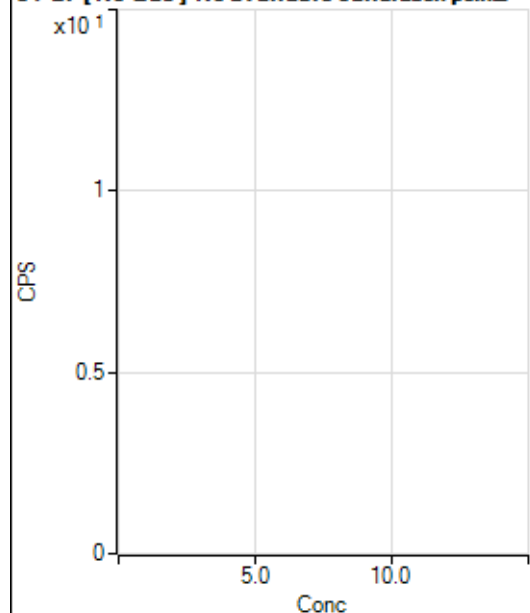
$$R = 0.9997$$

$$DL = 2.983$$

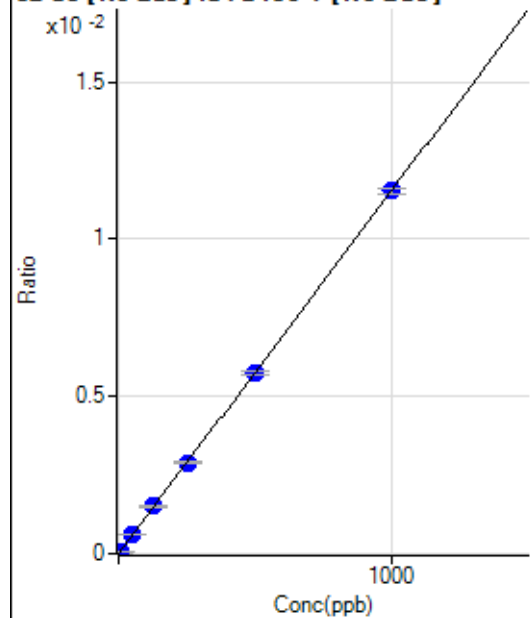
$$BEC = 1.258$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3124.83		P	3.5
2	☐			2725.85		P	3.4
3	☐			2735.85		P	1.1
4	☐			2684.73		P	5.2
5	☐			2661.39		P	3.1
6	☐			2362.44		P	3.7
7	☐			2746.96		P	6.0
8	☐			5004.27		P	8.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	7.78	0.0000	P	493.
2	☐	5.000	3.815	512.25	0.0000	P	8.0
3	☐	50.000	51.373	6837.37	0.0006	P	1.9
4	☐	125.000	130.239	17205.42	0.0015	P	3.5
5	☐	250.000	251.465	32752.12	0.0029	P	1.8
6	☐	500.000	498.063	63099.98	0.0057	P	1.7
7	☐	1000.000	999.885	121669.67	0.0115	P	1.8
8	☐			637.81	0.0001	P	3.3

$$y = 1.1536E-005 * x + 6.7858E-007$$

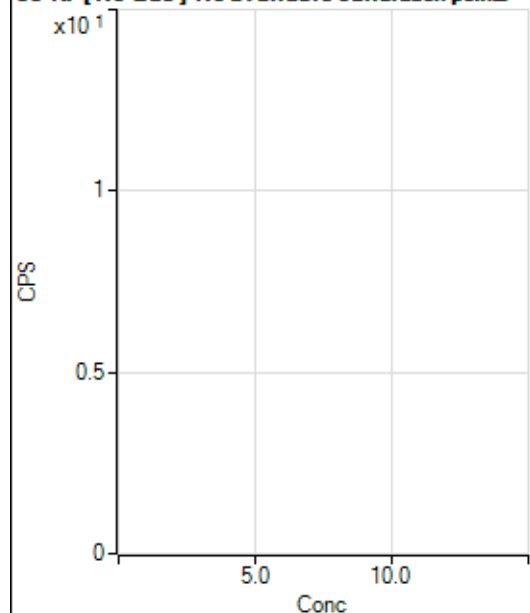
$$R = 1.0000$$

$$DL = 0.8701$$

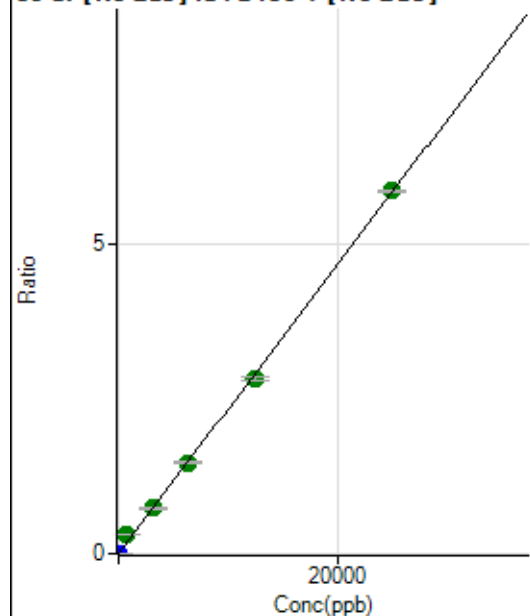
$$BEC = 0.05882$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			184.45		P	18.1
2	☐			234.45		P	11.8
3	☐			181.11		P	13.1
4	☐			228.89		P	6.6
5	☐			178.89		P	3.9
6	☐			175.56		P	6.7
7	☐			198.89		P	1.0
8	☐			218.89		P	7.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	394.45	0.0000	P	10.5
2	☐	1.000	0.810	2553.59	0.0002	P	0.7
3	☐	625.000	1277.229	3431711.65	0.2978	A	1.4
4	☐	3125.000	3175.083	8472560.78	0.7402	A	3.5
5	☐	6250.000	6299.298	16574924.75	1.4685	A	2.8
6	☐	12500.000	12126.716	31044212.32	2.8269	A	1.4
7	☐	25000.000	25151.751	61851528.52	5.8632	A	0.5
8	☐			9499.86	0.0009	P	5.0

$$y = 2.3311E-004 * x + 3.3924E-005$$

$$R = 0.9995$$

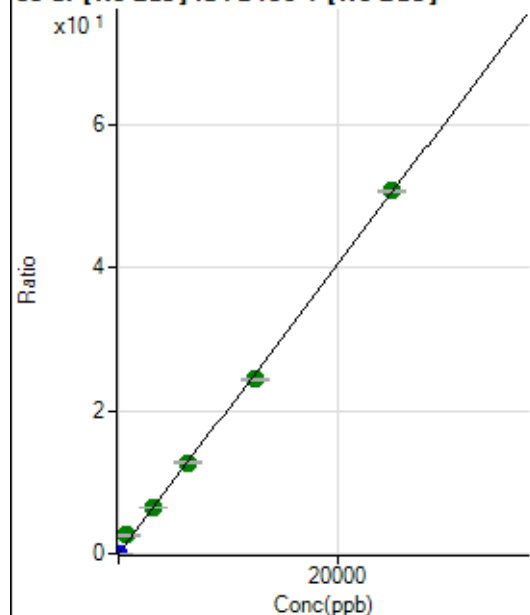
$$DL = 0.04577$$

$$BEC = 0.1455$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	611.13	0.0001	P	7.5
2	☐	1.000	0.843	20072.30	0.0018	P	1.8
3	☐	625.000	1268.245	29452455.95	2.5556	A	1.5
4	☐	3125.000	3201.305	73847086.68	6.4507	A	2.6
5	☐	6250.000	6298.526	143267738.9	12.6917	A	1.4
6	☐	12500.000	12103.421	267821224.9	24.3887	A	1.4
7	☐	25000.000	25160.539	534804538.7	50.6990	A	0.7
8	☐			81293.82	0.0080	P	6.9

$$y = 0.0020 * x + 5.2544E-005$$

$$R = 0.9995$$

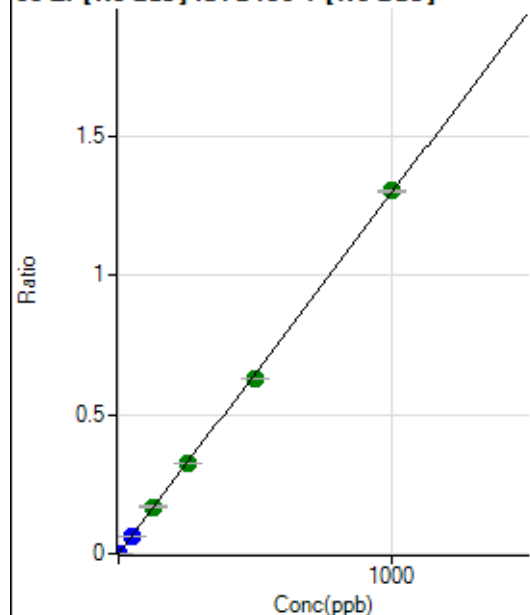
$$DL = 0.005869$$

$$BEC = 0.02608$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	488.91	0.0000	P	5.1
2	☐	1.000	0.808	12463.44	0.0011	P	1.6
3	☐	50.000	49.104	732909.09	0.0636	P	2.6
4	☐	125.000	128.883	1910191.17	0.1669	A	3.1
5	☐	250.000	252.968	3697360.43	0.3275	A	0.2
6	☐	500.000	485.132	6896945.24	0.6280	A	0.6
7	☐	1000.000	1006.252	13740420.49	1.3026	A	0.7
8	☐			6389.34	0.0006	P	4.3

$$y = 0.0013 * x + 4.2036E-005$$

$$R = 0.9998$$

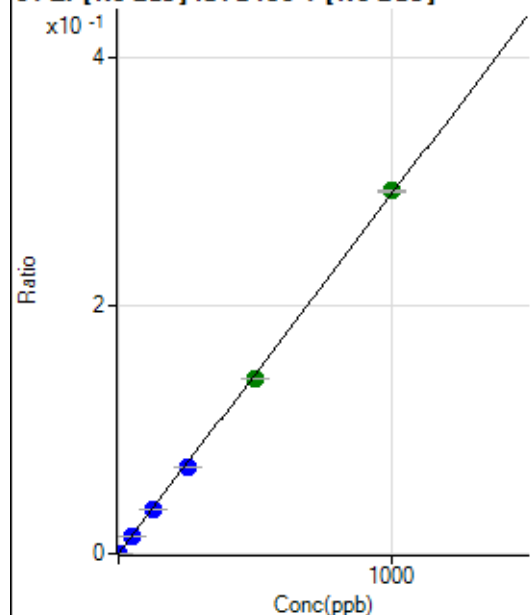
$$DL = 0.004963$$

$$BEC = 0.03247$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	104.45	0.0000	P	18.4
2	☐	1.000	0.805	2779.19	0.0002	P	1.0
3	☐	50.000	48.620	162656.11	0.0141	P	1.6
4	☐	125.000	122.429	406729.29	0.0355	P	2.3
5	☐	250.000	240.510	787739.66	0.0698	P	1.4
6	☐	500.000	486.170	1549030.57	0.1411	A	0.8
7	☐	1000.000	1009.678	3089965.51	0.2929	A	0.6
8	☐			1355.64	0.0001	P	5.2

$$y = 2.9011\text{E-}004 * x + 8.9687\text{E-}006$$

$$R = 0.9998$$

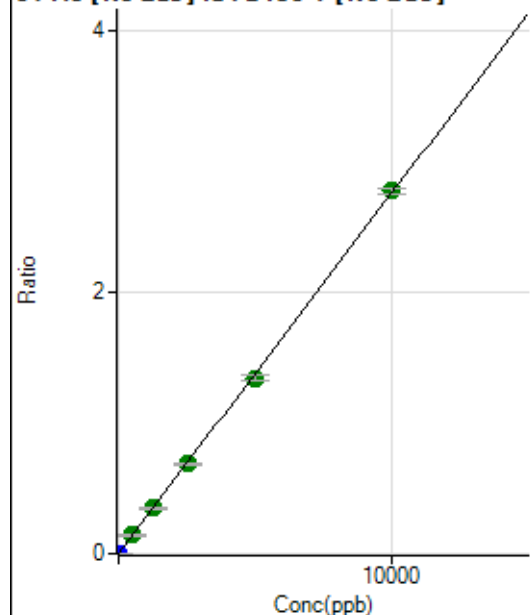
$$DL = 0.0171$$

$$BEC = 0.03091$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	234.45	0.0000	P	8.3
2	☐	5.000	4.812	15418.65	0.0013	P	0.9
3	☐	500.000	509.178	1616212.55	0.1402	A	1.4
4	☐	1250.000	1262.254	3980254.52	0.3476	A	1.6
5	☐	2500.000	2488.759	7736921.48	0.6854	A	1.3
6	☐	5000.000	4865.700	14712525.06	1.3400	A	3.1
7	☐	10000.000	10067.970	29245350.40	2.7726	A	1.6
8	☐			8029.45	0.0008	P	16.8

$$y = 2.7538\text{E-}004 * x + 2.0159\text{E-}005$$

$$R = 0.9999$$

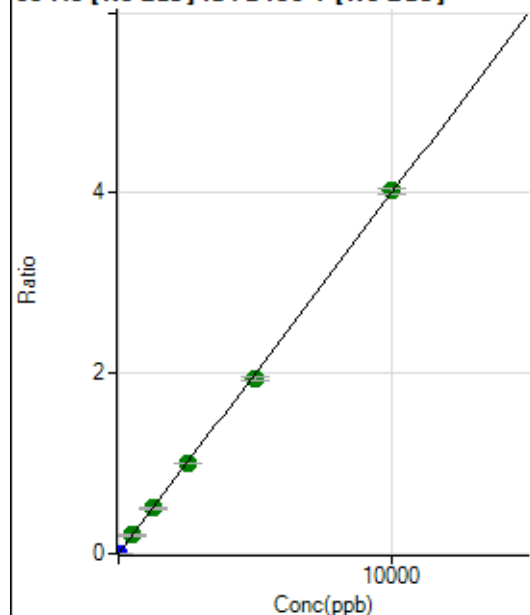
$$DL = 0.0182$$

$$BEC = 0.0732$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.89	0.0000	P	16.2
2	☐	5.000	4.089	18917.43	0.0017	P	2.3
3	☐	500.000	511.611	2357112.17	0.2045	A	1.9
4	☐	1250.000	1262.208	5776041.02	0.5046	A	3.3
5	☐	2500.000	2505.563	11307305.11	1.0016	A	1.3
6	☐	5000.000	4857.867	21322967.88	1.9420	A	3.1
7	☐	10000.000	10067.570	42455556.87	4.0246	A	1.3
8	☐			9683.36	0.0009	P	23.6

$$y = 3.9976E-004 * x + 1.6253E-005$$

$$R = 0.9998$$

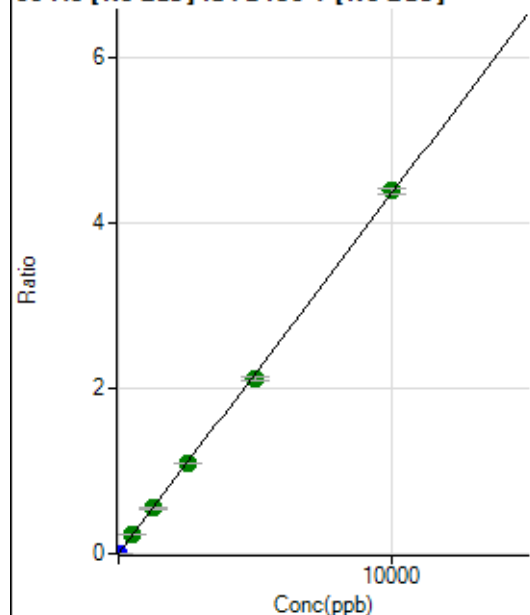
$$DL = 0.0197$$

$$BEC = 0.04066$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	313.34	0.0000	P	8.0
2	☐	5.000	4.194	21227.43	0.0019	P	0.7
3	☐	500.000	512.101	2569047.36	0.2229	A	1.9
4	☐	1250.000	1260.568	6280209.77	0.5487	A	4.1
5	☐	2500.000	2511.435	12340209.95	1.0931	A	1.1
6	☐	5000.000	4844.338	23153815.21	2.1086	A	2.0
7	☐	10000.000	10073.047	46246874.86	4.3844	A	1.4
8	☐			11804.52	0.0012	P	24.3

$$y = 4.3526E-004 * x + 2.6936E-005$$

$$R = 0.9998$$

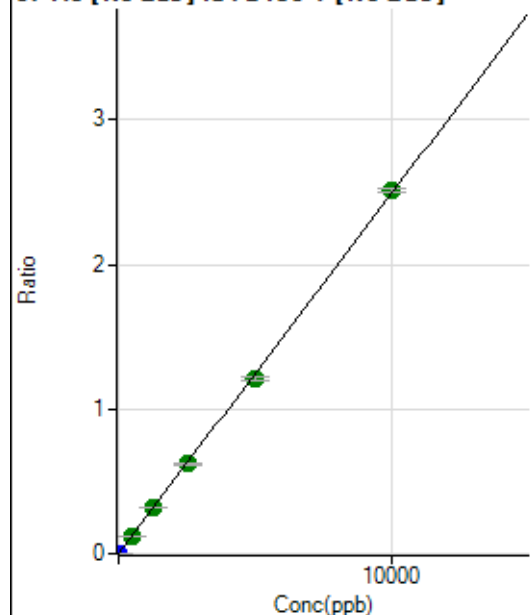
$$DL = 0.01489$$

$$BEC = 0.06189$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	76.67	0.0000	P	14.9
2	☐	5.000	4.061	11667.22	0.0010	P	3.0
3	☐	500.000	503.030	1444235.95	0.1253	A	1.4
4	☐	1250.000	1277.183	3642124.53	0.3182	A	2.9
5	☐	2500.000	2482.326	6980564.55	0.6184	A	1.3
6	☐	5000.000	4858.908	13290875.22	1.2104	A	2.3
7	☐	10000.000	10071.415	26464220.44	2.5089	A	1.2
8	☐			6248.14	0.0006	P	29.4

$$y = 2.4911E-004 * x + 6.5849E-006$$

$$R = 0.9998$$

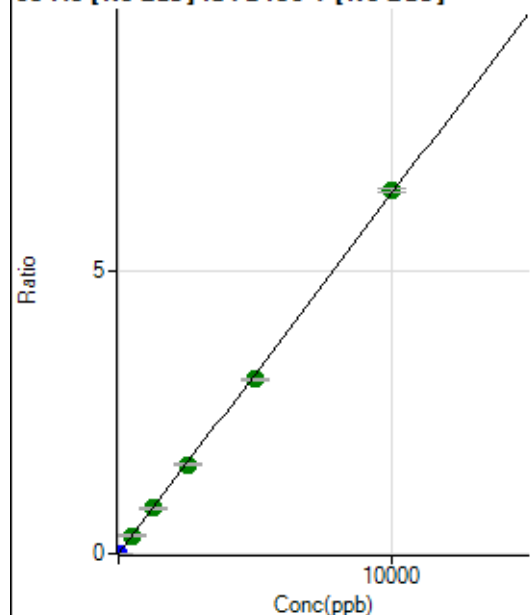
$$DL = 0.01184$$

$$BEC = 0.02643$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	311.12	0.0000	P	6.9
2	☐	5.000	4.069	30065.94	0.0026	P	1.0
3	☐	500.000	505.156	3715577.83	0.3224	A	1.0
4	☐	1250.000	1257.188	9184551.25	0.8023	A	2.6
5	☐	2500.000	2476.911	17842503.76	1.5806	A	1.6
6	☐	5000.000	4844.862	33951885.05	3.0917	A	1.3
7	☐	10000.000	10082.185	67867479.54	6.4339	A	0.9
8	☐			14938.54	0.0015	P	22.9

$$y = 6.3814E-004 * x + 2.6740E-005$$

$$R = 0.9998$$

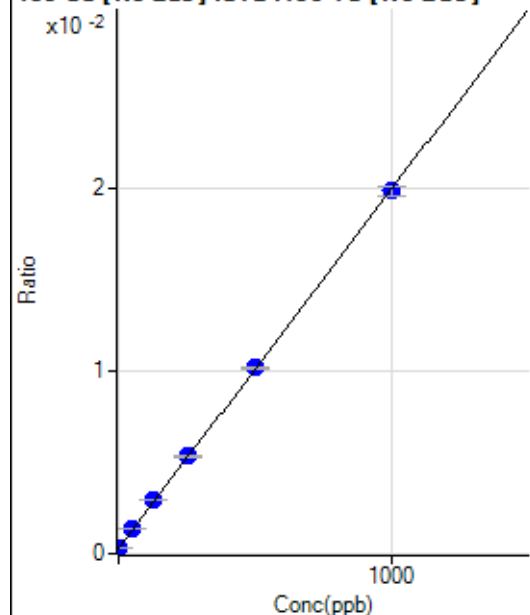
$$DL = 0.00869$$

$$BEC = 0.0419$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2955.90	0.0003	P	5.6
2	☐	1.000	0.742	3097.05	0.0003	P	5.1
3	☐	50.000	53.815	13971.63	0.0013	P	1.5
4	☐	125.000	135.541	30570.58	0.0030	P	1.4
5	☐	250.000	255.873	55727.78	0.0053	P	0.8
6	☐	500.000	503.204	103341.09	0.0102	P	1.2
7	☐	1000.000	995.422	197733.88	0.0199	P	2.4
8	☐			2721.41	0.0003	P	4.1

$$y = 1.9685\text{E-}005 * x + 2.8567\text{E-}004$$

R = 0.9999

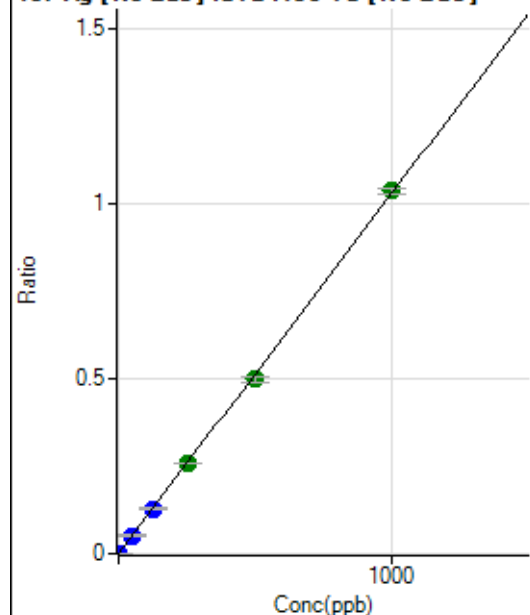
DL = 2.417

BEC = 14.51

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	54.44	0.0000	P	41.2
2	☐	1.000	0.816	8708.39	0.0008	P	5.2
3	☐	50.000	50.346	536902.91	0.0517	P	1.6
4	☐	125.000	124.996	1328146.27	0.1283	P	1.7
5	☐	250.000	250.247	2690101.49	0.2569	A	0.7
6	☐	500.000	483.834	5036181.35	0.4967	A	3.0
7	☐	1000.000	1008.005	10293775.68	1.0349	A	1.9
8	☐			1992.42	0.0002	P	9.5

$$y = 0.0010 * x + 5.2554\text{E-}006$$

R = 0.9998

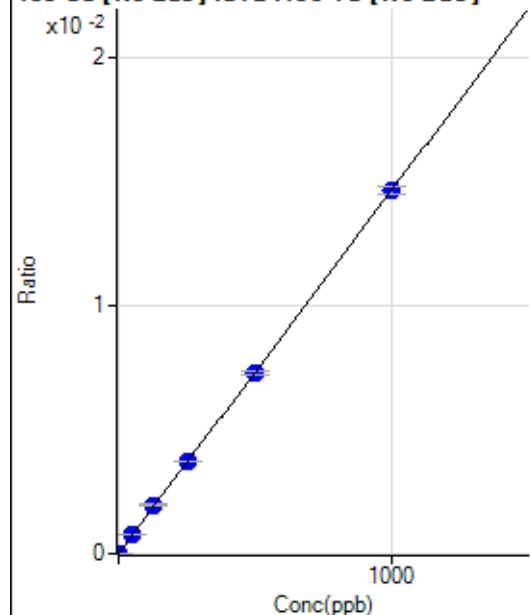
DL = 0.006333

BEC = 0.005119

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	17.78	0.0000	P	49.2
2	☐	1.000	0.829	143.34	0.0000	P	6.1
3	☐	50.000	53.107	8099.12	0.0008	P	1.8
4	☐	125.000	133.599	20276.13	0.0020	P	2.5
5	☐	250.000	253.519	38906.95	0.0037	P	1.2
6	☐	500.000	498.039	74009.66	0.0073	P	1.4
7	☐	1000.000	998.871	145580.40	0.0146	P	2.0
8	☐			125.56	0.0000	P	10.3

$$y = 1.4651\text{E-}005 * x + 1.7312\text{E-}006$$

$$R = 1.0000$$

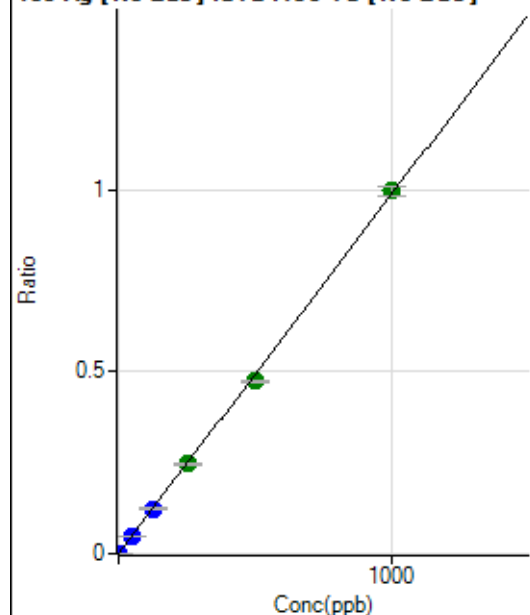
$$DL = 0.1744$$

$$BEC = 0.1182$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	11.4
2	☐	1.000	0.845	8640.57	0.0008	P	3.7
3	☐	50.000	49.879	511922.43	0.0493	P	1.1
4	☐	125.000	125.059	1278759.02	0.1236	P	1.9
5	☐	250.000	248.990	2575936.25	0.2460	A	0.7
6	☐	500.000	480.607	4815639.61	0.4749	A	0.9
7	☐	1000.000	1009.948	9925291.80	0.9979	A	2.4
8	☐			1917.96	0.0002	P	7.9

$$y = 9.8804\text{E-}004 * x + 2.1499\text{E-}006$$

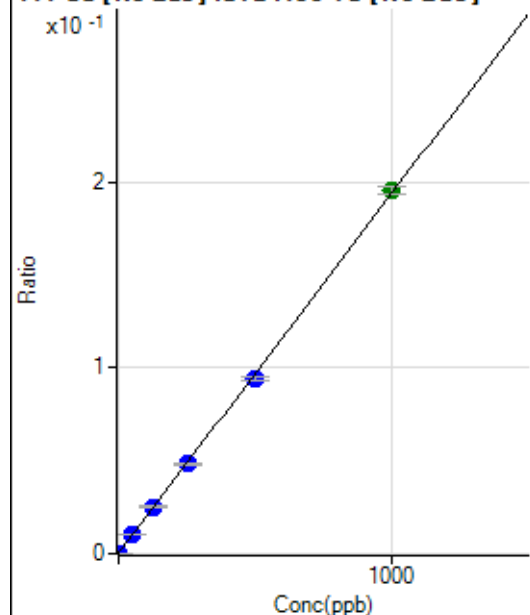
$$R = 0.9997$$

$$DL = 0.0007419$$

$$BEC = 0.002176$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2106.69	0.0002	P	4.8
2	☐	1.000	0.890	3875.51	0.0004	P	4.5
3	☐	50.000	51.417	105404.94	0.0101	P	1.8
4	☐	125.000	128.742	259780.84	0.0251	P	2.5
5	☐	250.000	247.645	503639.77	0.0481	P	1.3
6	☐	500.000	484.119	951541.53	0.0938	P	2.3
7	☐	1000.000	1007.991	1941234.92	0.1952	A	2.2
8	☐			2748.25	0.0003	P	2.9

$$y = 1.9342\text{E-}004 * x + 2.0356\text{E-}004$$

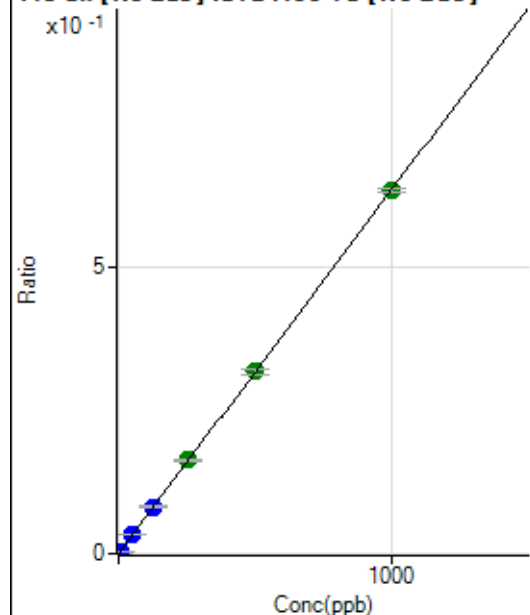
$$R = 0.9998$$

$$DL = 0.1504$$

$$BEC = 1.052$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	836.70	0.0001	P	2.5
2	☐	5.000	4.353	29345.98	0.0028	P	1.7
3	☐	50.000	51.250	338730.23	0.0326	P	1.4
4	☐	125.000	128.740	846425.23	0.0818	P	2.7
5	☐	250.000	257.658	1713195.30	0.1636	A	2.1
6	☐	500.000	500.179	3220126.13	0.3176	A	3.0
7	☐	1000.000	997.469	6299103.52	0.6332	A	1.2
8	☐			4020.65	0.0004	P	3.2

$$y = 6.3475\text{E-}004 * x + 8.0774\text{E-}005$$

$$R = 1.0000$$

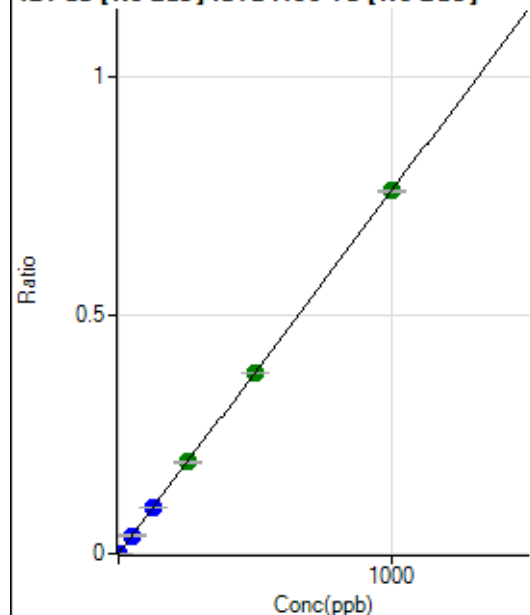
$$DL = 0.009362$$

$$BEC = 0.1273$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	201.11	0.0000	P	16.9
2	☐	2.000	1.742	13872.69	0.0013	P	0.9
3	☐	50.000	50.011	395041.62	0.0380	P	1.8
4	☐	125.000	127.267	1001336.39	0.0968	P	2.1
5	☐	250.000	253.152	2014923.34	0.1925	A	1.7
6	☐	500.000	497.933	3838665.36	0.3785	A	0.8
7	☐	1000.000	999.962	7562303.71	0.7601	A	0.6
8	☐			3825.05	0.0004	P	18.7

$$y = 7.6014\text{E-}004 * x + 1.9399\text{E-}005$$

$$R = 1.0000$$

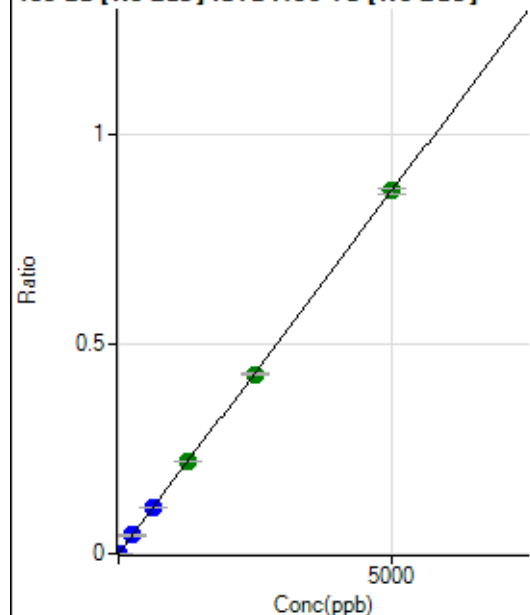
$$DL = 0.0129$$

$$BEC = 0.02552$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	124.45	0.0000	P	27.5
2	☐	10.000	8.436	15181.94	0.0015	P	3.2
3	☐	250.000	252.727	454307.14	0.0437	P	1.8
4	☐	625.000	631.741	1131270.54	0.1093	P	2.4
5	☐	1250.000	1278.425	2316222.55	0.2212	A	0.9
6	☐	2500.000	2475.121	4343176.29	0.4283	A	0.9
7	☐	5000.000	5004.357	8613330.43	0.8659	A	1.7
8	☐			5096.66	0.0005	P	3.4

$$y = 1.7303\text{E-}004 * x + 1.1968\text{E-}005$$

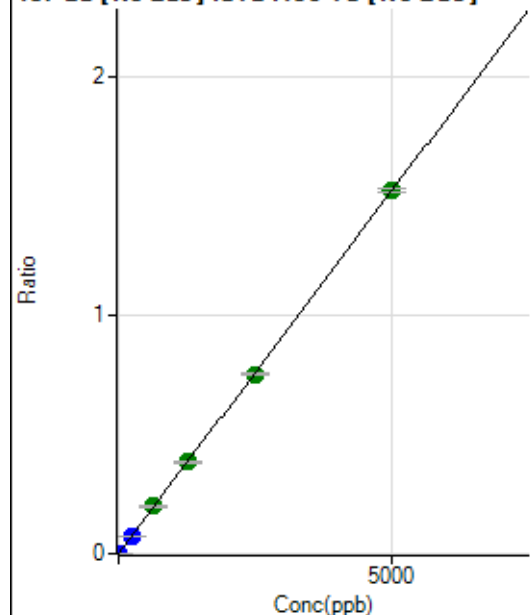
$$R = 1.0000$$

$$DL = 0.05699$$

$$BEC = 0.06917$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	205.56	0.0000	P	18.7
2	☐	10.000	8.538	26975.85	0.0026	P	2.1
3	☐	250.000	250.349	790356.50	0.0761	P	1.1
4	☐	625.000	655.062	2060242.38	0.1991	A	1.7
5	☐	1250.000	1268.040	4034143.38	0.3853	A	2.5
6	☐	2500.000	2474.521	7625333.36	0.7519	A	0.9
7	☐	5000.000	5004.457	15130111.30	1.5207	A	0.9
8	☐			8511.75	0.0009	P	2.0

$$y = 3.0386E-004 * x + 1.9791E-005$$

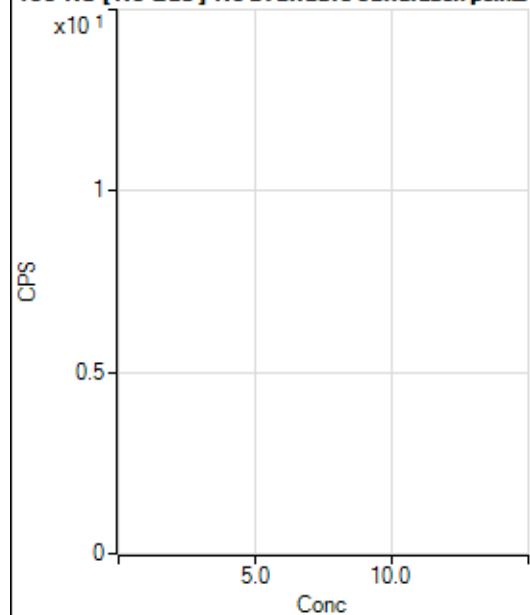
$$R = 1.0000$$

$$DL = 0.03645$$

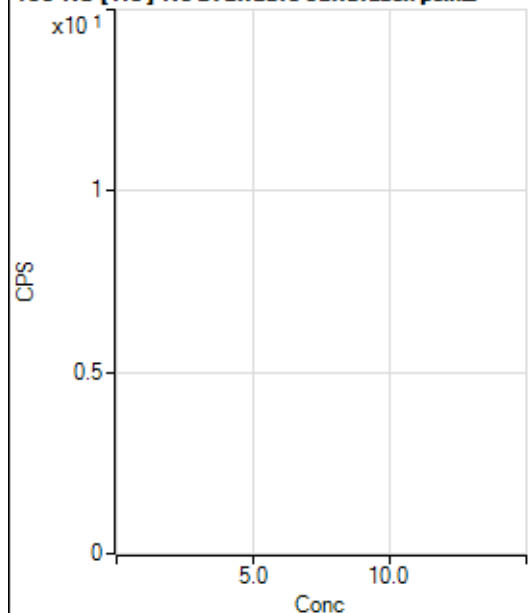
$$BEC = 0.06513$$

Weight: <None>

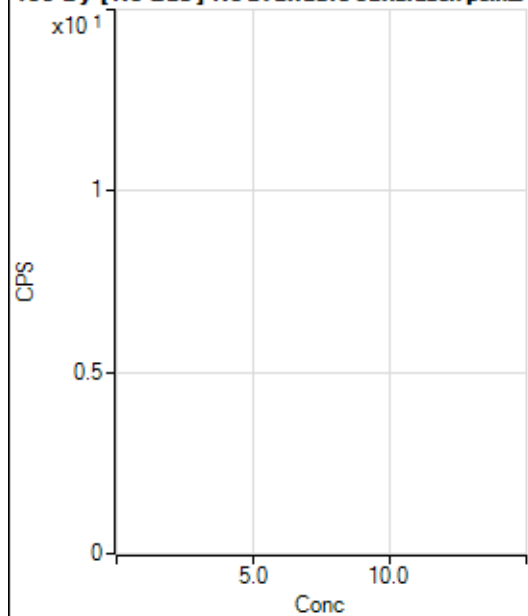
Min Conc: 0

150 Nd [No Gas] No available calibration points

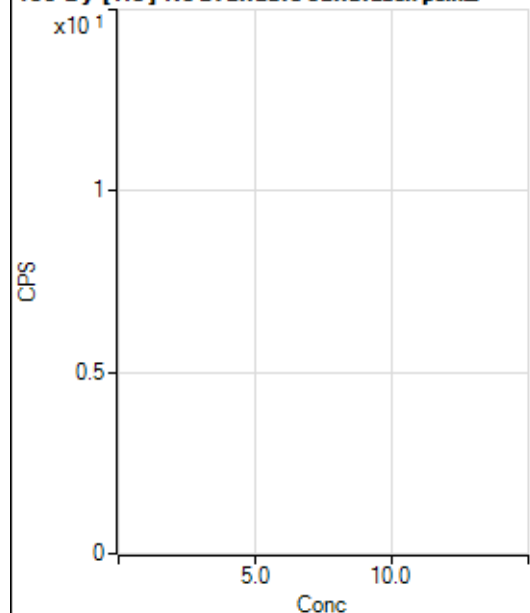
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	17.3
2	☐			10.00		P	33.3
3	☐			26.67		P	50.0
4	☐			74.44		P	18.6
5	☐			97.78		P	12.9
6	☐			211.12		P	21.4
7	☐			320.01		P	13.1
8	☐			303.34		P	19.2

150 Nd [He] No available calibration points

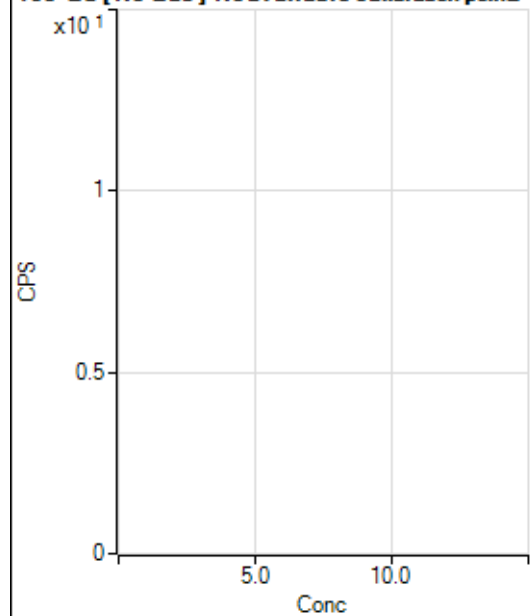
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			0.00		P	
3	☐			10.00		P	66.7
4	☐			7.78		P	49.5
5	☐			12.22		P	41.7
6	☐			21.11		P	50.8
7	☐			32.22		P	15.8
8	☐			115.56		P	24.2

156 Dy [No Gas] No available calibration points

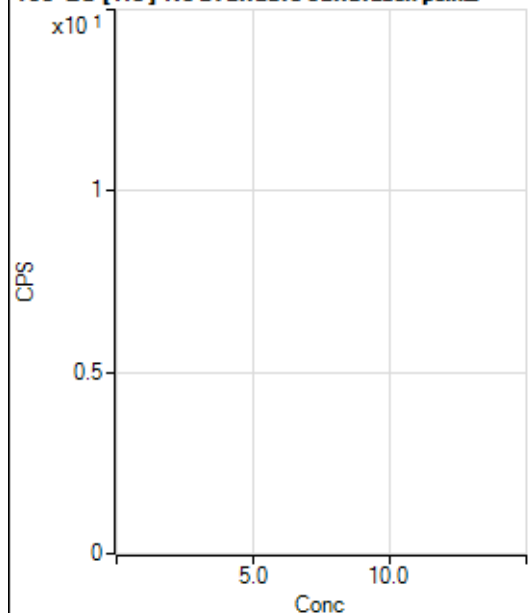
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14.44		P	35.3
2	☐			17.78		P	47.2
3	☐			36.67		P	32.8
4	☐			78.89		P	17.1
5	☐			114.45		P	6.1
6	☐			270.01		P	6.9
7	☐			470.01		P	7.4
8	☐			1619.01		P	3.8

156 Dy [He] No available calibration points

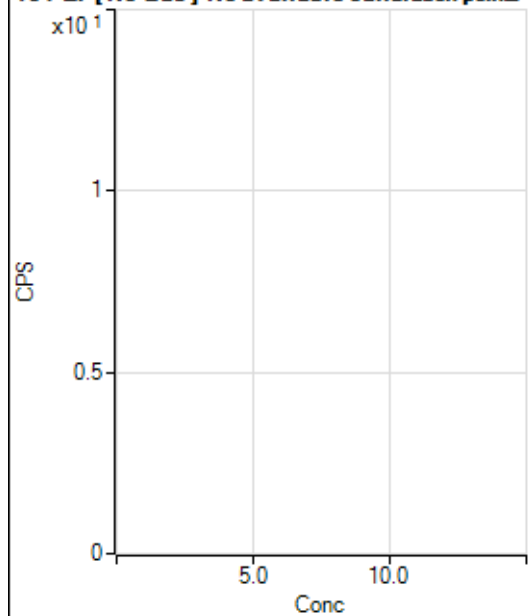
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			4.44		P	114.
3	☐			18.89		P	27.0
4	☐			26.67		P	33.1
5	☐			57.78		P	34.8
6	☐			135.56		P	19.9
7	☐			232.23		P	5.8
8	☐			867.81		P	4.0

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

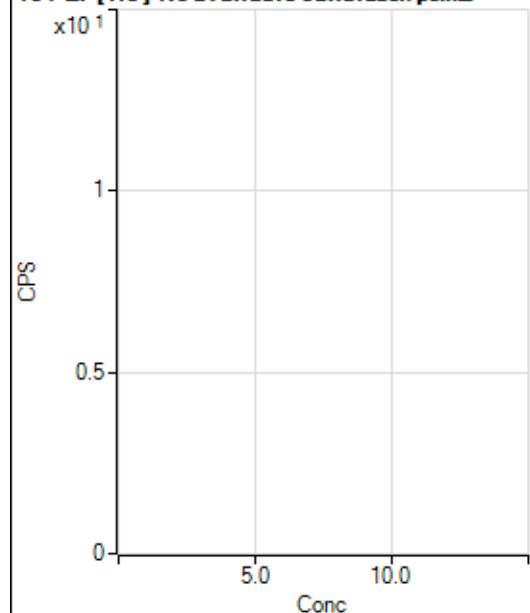
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			74.44		P	6.8
2	☐			64.45		P	16.6
3	☐			105.56		P	14.2
4	☐			135.56		P	17.4
5	☐			201.11		P	2.5
6	☐			278.89		P	9.6
7	☐			471.13		P	9.1
8	☐			1807.92		P	3.8

160 Gd [He] No available calibration points

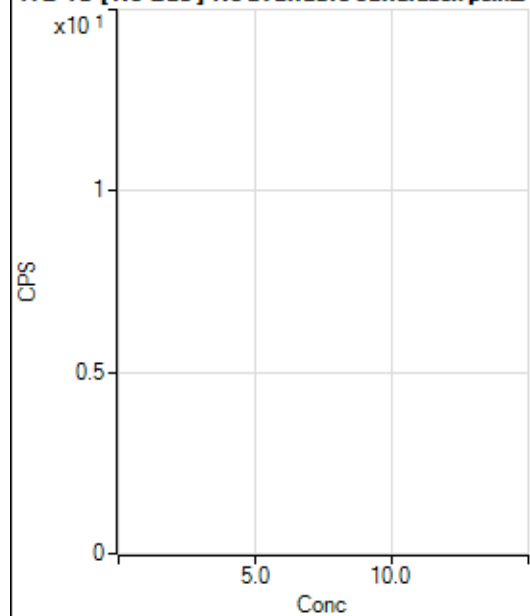
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			118.89		P	8.1
2	☐			85.56		P	13.7
3	☐			98.89		P	3.9
4	☐			125.56		P	21.3
5	☐			148.89		P	30.4
6	☐			200.00		P	3.3
7	☐			301.12		P	12.1
8	☐			1084.50		P	4.4

164 Er [No Gas] No available calibration points

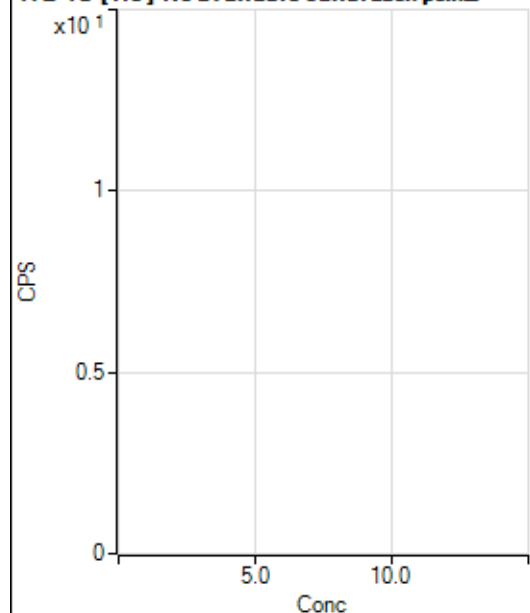
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			65.56		P	33.9
2	☐			70.00		P	20.8
3	☐			94.44		P	5.4
4	☐			107.78		P	7.1
5	☐			86.67		P	23.4
6	☐			118.89		P	17.8
7	☐			146.67		P	11.4
8	☐			254.45		P	12.7

164 Er [He] No available calibration points

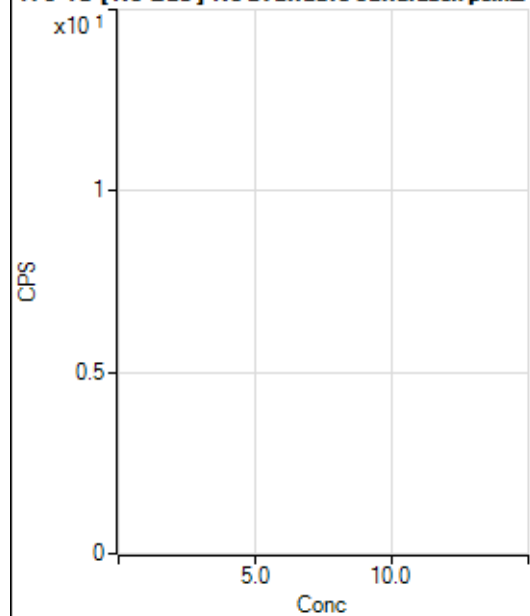
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			31.11		P	48.3
2	☐			34.45		P	20.1
3	☐			37.78		P	80.1
4	☐			28.89		P	29.0
5	☐			37.78		P	22.2
6	☐			51.11		P	10.0
7	☐			61.11		P	22.1
8	☐			127.78		P	12.1

172 Yb [No Gas] No available calibration points

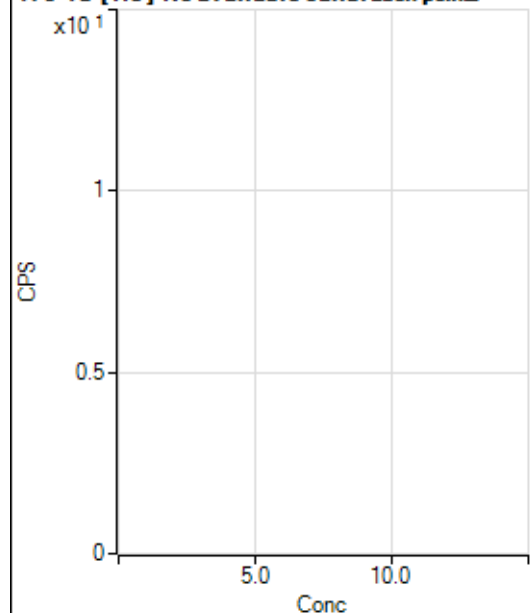
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			67.78		P	28.8
2	☐			57.78		P	23.3
3	☐			66.67		P	27.8
4	☐			74.45		P	21.2
5	☐			115.56		P	6.0
6	☐			138.89		P	3.7
7	☐			176.67		P	19.1
8	☐			226.67		P	9.6

172 Yb [He] No available calibration points

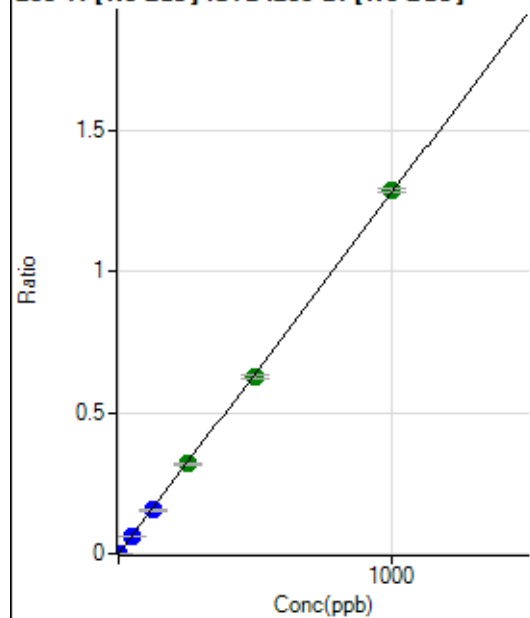
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	10.0
2	☐			32.22		P	21.5
3	☐			30.00		P	29.4
4	☐			42.22		P	27.7
5	☐			50.00		P	6.7
6	☐			56.67		P	30.6
7	☐			107.78		P	21.7
8	☐			136.67		P	14.6

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1172.29		P	2.5
2	☐			1306.74		P	9.3
3	☐			3037.04		P	3.6
4	☐			5517.87		P	1.4
5	☐			9938.27		P	2.5
6	☐			17847.71		P	1.4
7	☐			34076.23		P	1.9
8	☐			1242.29		P	4.1

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8579.56		P	1.6
2	☐			8456.12		P	3.4
3	☐			9342.27		P	2.4
4	☐			10374.18		P	1.9
5	☐			11475.10		P	6.9
6	☐			15779.53		P	0.5
7	☐			23308.43		P	1.8
8	☐			8301.58		P	0.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	302.23	0.0000	P	3.9
2	☐	1.000	0.785	7116.47	0.0010	P	4.2
3	☐	50.000	47.785	412207.40	0.0612	P	0.5
4	☐	125.000	120.506	1053404.81	0.1543	P	3.2
5	☐	250.000	249.139	2188026.69	0.3190	A	1.7
6	☐	500.000	490.566	4184522.96	0.6281	A	1.9
7	☐	1000.000	1005.605	8300302.93	1.2876	A	1.1
8	☐			4928.64	0.0009	P	84.8

$$y = 0.0013 * x + 4.3979E-005$$

$$R = 0.9999$$

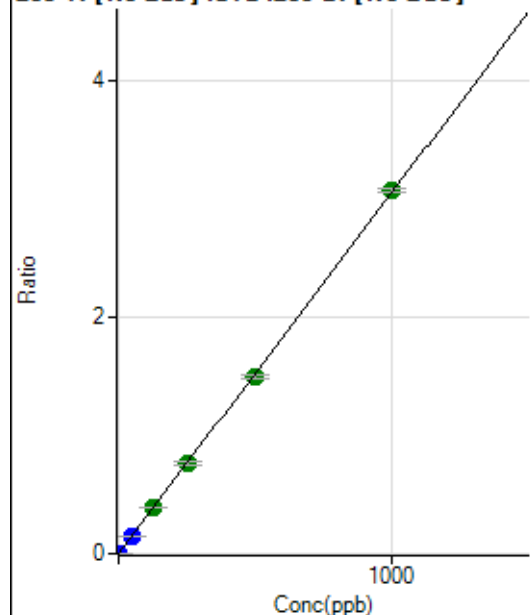
$$DL = 0.003992$$

$$BEC = 0.03435$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	654.47	0.0001	P	1.5
2	☐	1.000	0.820	17617.65	0.0026	P	2.4
3	☐	50.000	48.250	991904.63	0.1473	P	1.6
4	☐	125.000	127.378	2653796.57	0.3888	A	3.2
5	☐	250.000	250.293	5238528.29	0.7639	A	2.3
6	☐	500.000	488.889	9938313.60	1.4920	A	1.9
7	☐	1000.000	1005.273	19776310.12	3.0677	A	1.1
8	☐			10144.02	0.0018	P	68.5

$$y = 0.0031 * x + 9.5226E-005$$

$$R = 0.9999$$

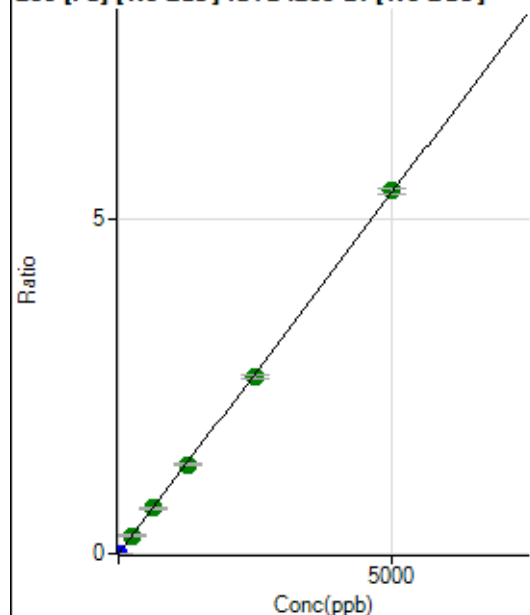
$$DL = 0.001409$$

$$BEC = 0.03121$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	442.23	0.0001	P	7.1
2	☐	1.000	0.807	6328.26	0.0009	P	3.8
3	☐	250.000	253.190	1833917.09	0.2724	A	0.8
4	☐	625.000	633.741	4652900.14	0.6817	A	3.5
5	☐	1250.000	1234.640	9108403.89	1.3281	A	1.5
6	☐	2500.000	2446.298	17527048.77	2.6313	A	2.3
7	☐	5000.000	5029.439	34874332.81	5.4098	A	1.7
8	☐			25220.73	0.0044	P	37.4

$$y = 0.0011 * x + 6.4385E-005$$

$$R = 0.9999$$

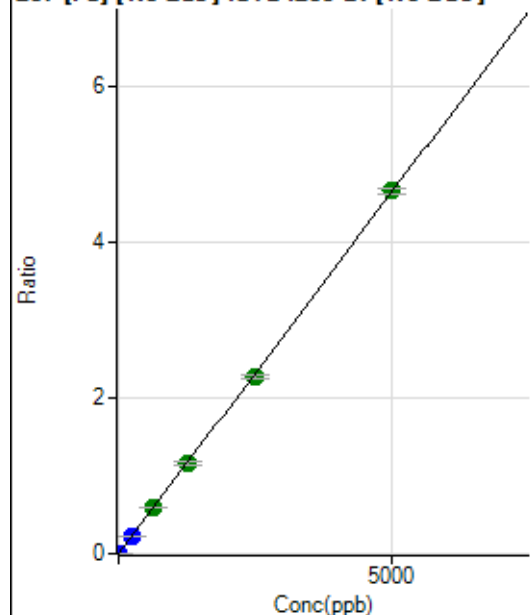
$$DL = 0.01276$$

$$BEC = 0.05986$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	408.90	0.0001	P	0.4
2	☐	1.000	0.810	5509.00	0.0008	P	1.4
3	☐	250.000	242.543	1515706.73	0.2251	P	0.3
4	☐	625.000	638.732	4046345.39	0.5928	A	2.7
5	☐	1250.000	1245.382	7924018.98	1.1557	A	3.5
6	☐	2500.000	2450.599	15147642.69	2.2741	A	2.2
7	☐	5000.000	5024.511	30056561.50	4.6625	A	1.3
8	☐			20889.80	0.0036	P	39.4

$$y = 9.2793\text{E-}004 * x + 5.9487\text{E-}005$$

$$R = 0.9999$$

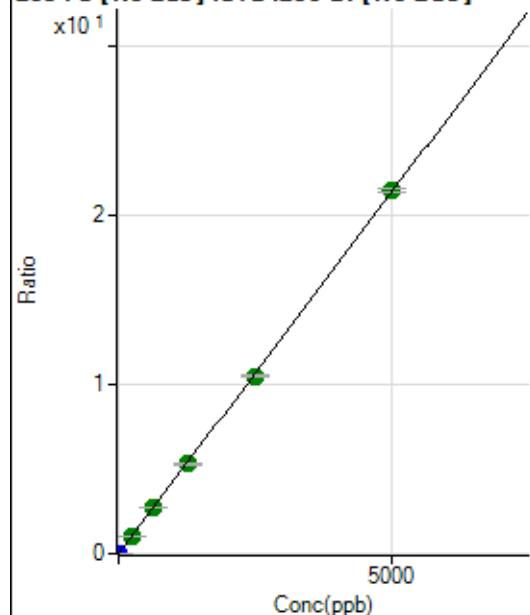
$$DL = 0.0007867$$

$$BEC = 0.06411$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1891.19	0.0003	P	1.7
2	☐	1.000	0.803	25149.75	0.0037	P	1.9
3	☐	250.000	251.923	7250962.17	1.0769	A	0.6
4	☐	625.000	636.704	18575606.21	2.7214	A	3.1
5	☐	1250.000	1247.742	36569532.44	5.3328	A	2.5
6	☐	2500.000	2457.274	69957085.07	10.5020	A	1.7
7	☐	5000.000	5020.368	138315716.0	21.4560	A	1.0
8	☐			94623.03	0.0164	P	35.3

$$y = 0.0043 * x + 2.7508\text{E-}004$$

$$R = 0.9999$$

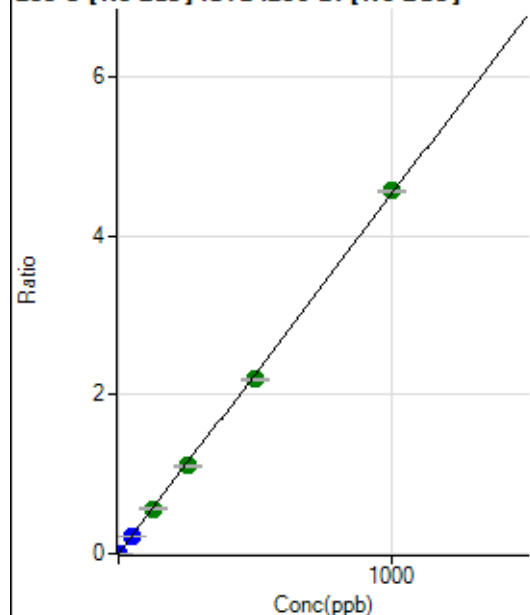
$$DL = 0.003362$$

$$BEC = 0.06437$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1390.09	0.0002	P	3.2
2	☐	1.000	0.765	24908.92	0.0037	P	1.1
3	☐	50.000	46.350	1415180.14	0.2102	P	0.7
4	☐	125.000	125.483	3882623.80	0.5687	A	2.4
5	☐	250.000	244.728	7604538.15	1.1090	A	2.9
6	☐	500.000	484.962	14638102.70	2.1974	A	1.3
7	☐	1000.000	1008.959	29469996.78	4.5715	A	0.5
8	☐			10890.41	0.0019	P	39.5

$$y = 0.0045 * x + 2.0228E-004$$

$$R = 0.9998$$

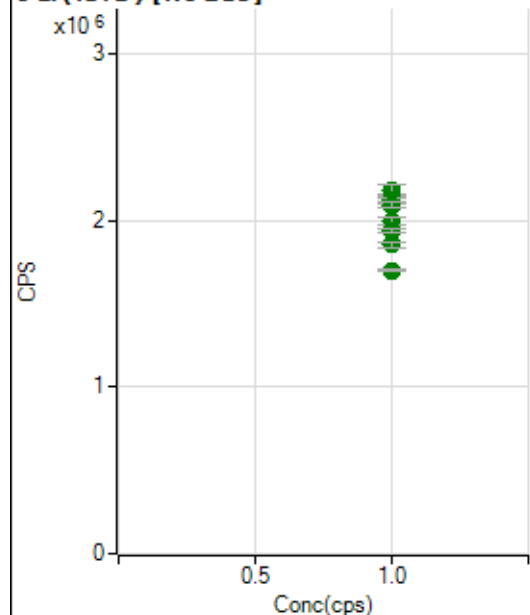
$$DL = 0.004286$$

$$BEC = 0.04465$$

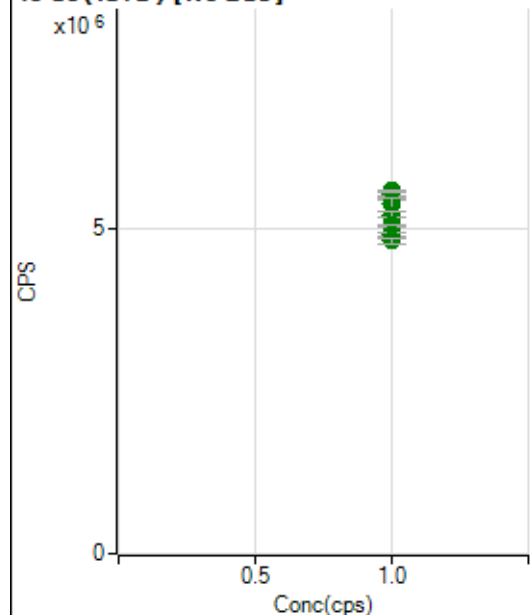
Weight: <None>

Min Conc: 0

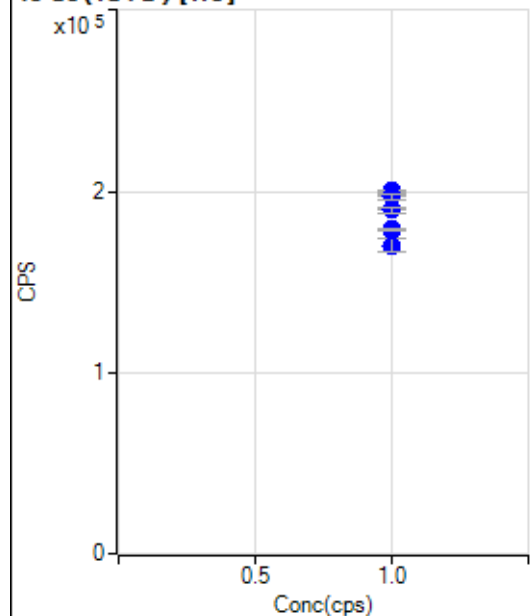
6 Li (ISTD) [No Gas]



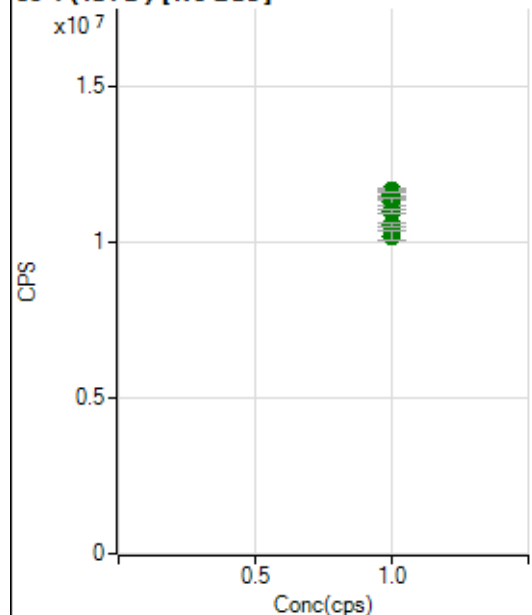
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2151145.38		A	1.3
2	☐	1.000		2179708.69		A	3.3
3	☐	1.000		2120377.07		A	1.5
4	☐	1.000		2092850.14		A	1.8
5	☐	1.000		1997157.99		A	2.2
6	☐	1.000		1943874.32		A	1.4
7	☐	1.000		1855607.33		A	2.2
8	☐	1.000		1701616.48		A	0.6

45 Sc (ISTD) [No Gas]

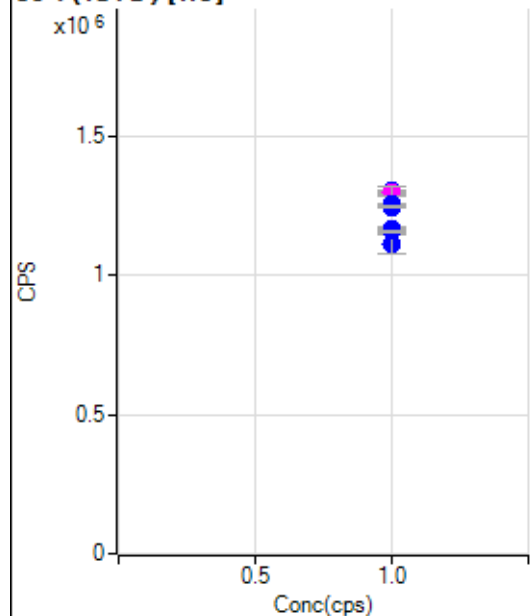
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5510490.65		A	2.3
2	☐	1.000		5528562.55		A	1.1
3	☐	1.000		5580626.72		A	0.4
4	☐	1.000		5375897.80		A	4.0
5	☐	1.000		5214508.01		A	1.6
6	☐	1.000		5056060.69		A	0.6
7	☐	1.000		4913875.03		A	1.5
8	☐	1.000		4812413.47		A	1.8

45 Sc (ISTD) [He]

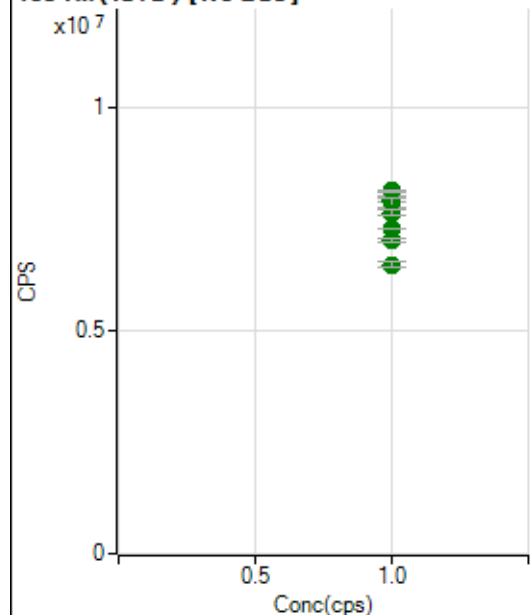
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		198620.60		P	0.9
2	☐	1.000		200305.23		P	0.7
3	☐	1.000		197129.73		P	1.4
4	☐	1.000		190403.46		P	0.6
5	☐	1.000		170253.62		P	4.8
6	☐	1.000		179015.55		P	0.5
7	☐	1.000		178590.80		P	0.6
8	☐	1.000		189571.58		P	1.2

89 Y (ISTD) [No Gas]

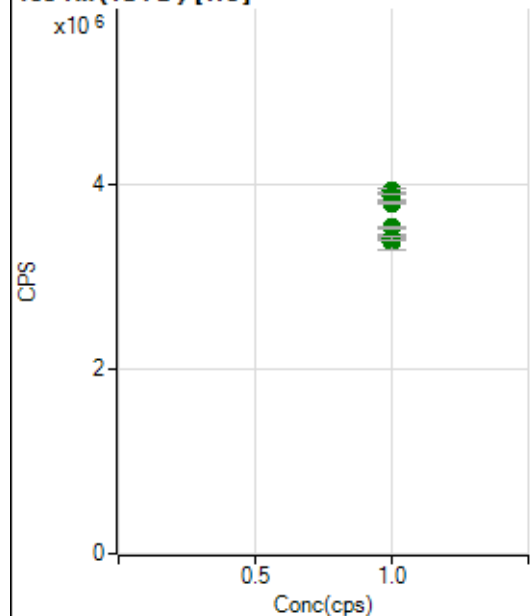
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11633166.49		A	0.9
2	☐	1.000		11460686.22		A	0.5
3	☐	1.000		11526606.08		A	1.8
4	☐	1.000		11452057.19		A	2.1
5	☐	1.000		11290196.64		A	1.8
6	☐	1.000		10982483.93		A	1.1
7	☐	1.000		10548962.55		A	0.9
8	☐	1.000		10195000.82		A	3.3

89 Y (ISTD) [He]

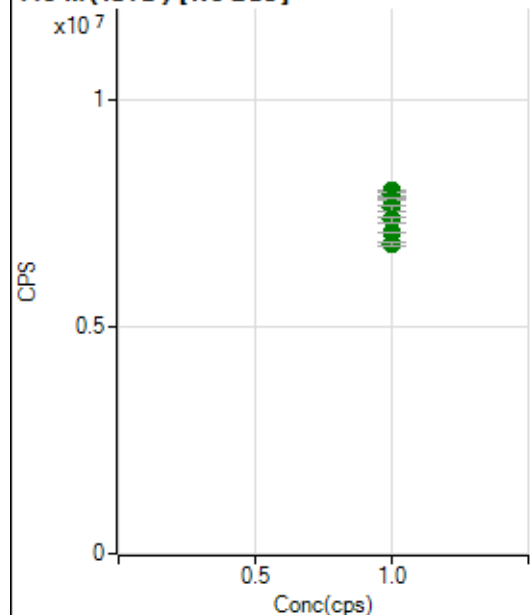
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1298640.54		P	1.1
2	☐	1.000		1304346.51		P	0.7
3	☐	1.000		1301085.11		M	2.7
4	☐	1.000		1256945.08		P	0.5
5	☐	1.000		1114384.53		P	6.1
6	☐	1.000		1171737.19		P	0.6
7	☐	1.000		1160324.24		P	0.7
8	☐	1.000		1246128.89		P	0.6

103 Rh (ISTD) [No Gas]

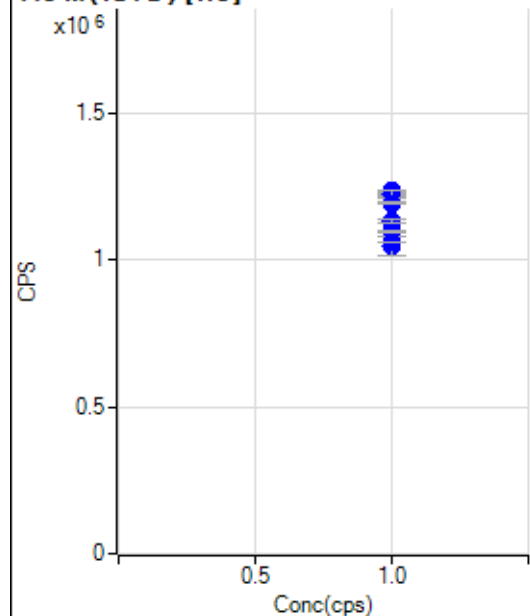
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7953994.95		A	1.0
2	☐	1.000		8004081.48		A	0.7
3	☐	1.000		8142389.74		A	0.7
4	☐	1.000		7881773.35		A	2.8
5	☐	1.000		7650272.73		A	1.9
6	☐	1.000		7285932.39		A	0.4
7	☐	1.000		7047404.89		A	1.1
8	☐	1.000		6479439.83		A	2.0

103 Rh (ISTD) [He]

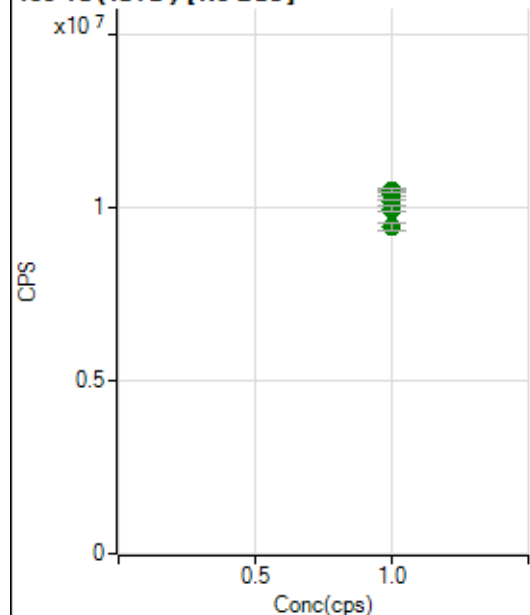
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3893860.67		A	0.7
2	☐	1.000		3923294.56		A	1.4
3	☐	1.000		3861544.67		A	1.7
4	☐	1.000		3789532.34		A	0.6
5	☐	1.000		3371069.43		A	4.8
6	☐	1.000		3530473.31		A	0.7
7	☐	1.000		3411214.99		A	0.5
8	☐	1.000		3408647.94		A	1.5

115 In (ISTD) [No Gas]

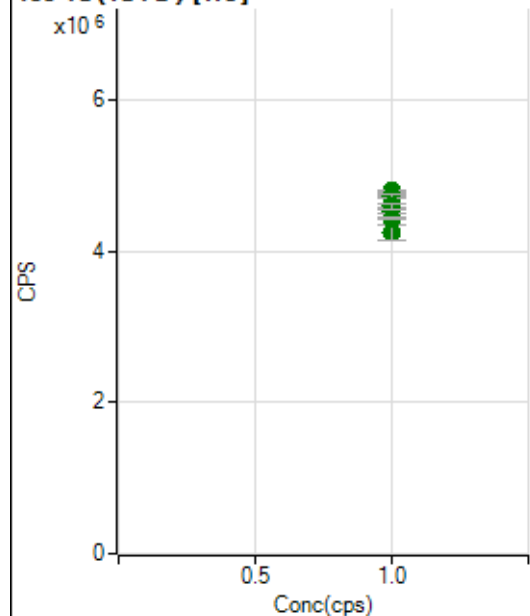
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8009361.71		A	0.5
2	☐	1.000		7992366.56		A	0.3
3	☐	1.000		7947290.20		A	1.0
4	☐	1.000		7828952.33		A	0.7
5	☐	1.000		7624678.40		A	1.7
6	☐	1.000		7379164.84		A	1.7
7	☐	1.000		7097309.19		A	0.3
8	☐	1.000		6829110.28		A	1.5

115 In (ISTD) [He]

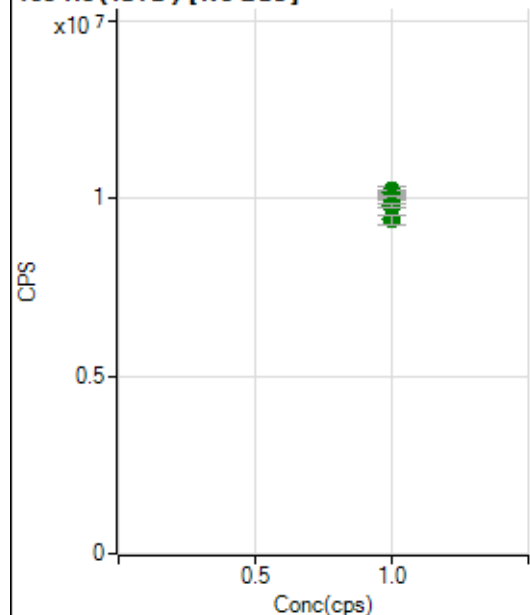
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1220309.62		P	1.0
2	☐	1.000		1234346.47		P	0.5
3	☐	1.000		1224042.91		P	1.7
4	☐	1.000		1191239.59		P	0.5
5	☐	1.000		1046253.62		P	5.8
6	☐	1.000		1097984.19		P	0.6
7	☐	1.000		1058934.27		P	0.2
8	☐	1.000		1133778.44		P	0.9

159 Tb (ISTD) [No Gas]

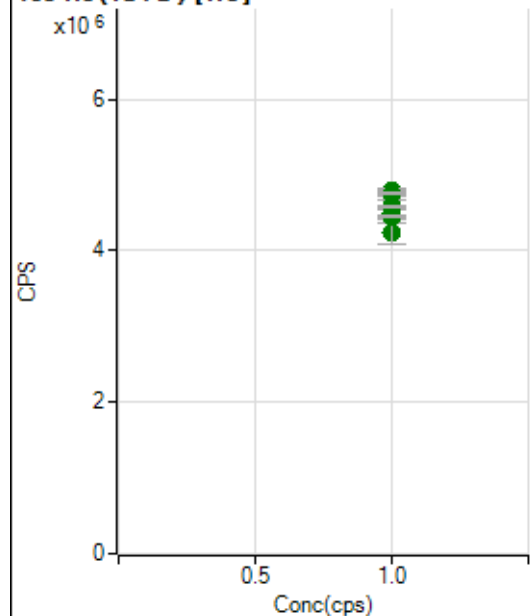
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10358189.71		A	2.9
2	☐	1.000		10321695.06		A	2.2
3	☐	1.000		10388059.98		A	1.4
4	☐	1.000		10352018.60		A	2.4
5	☐	1.000		10470937.41		A	1.0
6	☐	1.000		10141712.35		A	1.6
7	☐	1.000		9948934.02		A	1.6
8	☐	1.000		9427244.65		A	2.7

159 Tb (ISTD) [He]

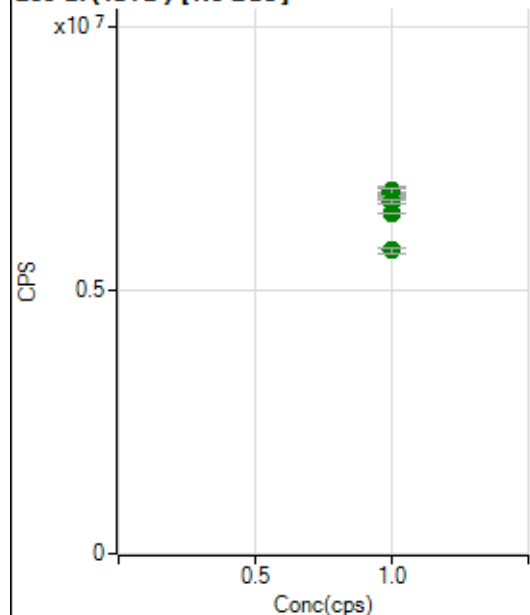
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4710154.83		A	0.4
2	☐	1.000		4796616.49		A	0.5
3	☐	1.000		4723737.88		A	1.0
4	☐	1.000		4735940.03		A	1.3
5	☐	1.000		4247541.57		A	5.2
6	☐	1.000		4532724.03		A	1.5
7	☐	1.000		4435380.14		A	0.3
8	☐	1.000		4592713.16		A	1.3

165 Ho (ISTD) [No Gas]

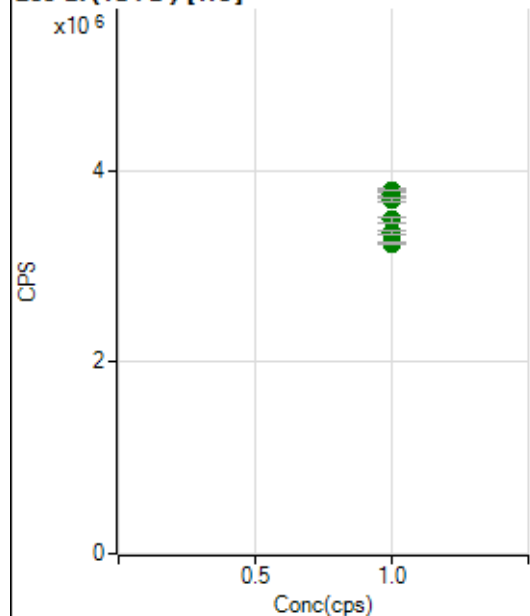
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10042501.93		A	1.6
2	☐	1.000		10119743.60		A	1.0
3	☐	1.000		10162634.43		A	1.2
4	☐	1.000		10210808.60		A	2.7
5	☐	1.000		10182518.88		A	1.3
6	☐	1.000		10032400.55		A	0.7
7	☐	1.000		9814682.91		A	1.1
8	☐	1.000		9392923.96		A	2.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4719280.52		A	2.0
2	☐	1.000		4789712.78		A	1.9
3	☐	1.000		4754986.14		A	1.4
4	☐	1.000		4757264.27		A	0.6
5	☐	1.000		4232775.28		A	6.3
6	☐	1.000		4482092.75		A	2.4
7	☐	1.000		4450943.44		A	0.4
8	☐	1.000		4585496.73		A	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6874100.11		A	2.0
2	☐	1.000		6787725.94		A	1.4
3	☐	1.000		6732818.58		A	0.8
4	☐	1.000		6829851.15		A	2.9
5	☐	1.000		6859845.59		A	2.1
6	☐	1.000		6662334.35		A	1.4
7	☐	1.000		6446509.62		A	0.1
8	☐	1.000		5739242.34		A	1.9

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3785795.43		A	0.9
2	☐	1.000		3754828.80		A	1.0
3	☐	1.000		3746398.83		A	2.0
4	☐	1.000		3685773.25		A	1.3
5	☐	1.000		3338905.40		A	6.1
6	☐	1.000		3481714.32		A	2.1
7	☐	1.000		3360351.30		A	1.2
8	☐	1.000		3235933.04		A	0.6

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8101123MS.b

Acq. Date-Time 2023-10-11 10:04:44

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		9257	92571.74			0.598	5.000
24		89272	892715.78			0.636	5.000
25		11516	115160.08			0.168	5.000
26		13606	136059.08			0.721	5.000
59		99874	998739.94			0.786	5.000
113		10226	102264.18			0.752	5.000
115		128199	1281990.89			0.945	5.000
206		32597	325968.14			1.047	5.000
207		29674	296737.36			1.036	5.000
208		71013	710129.73			0.835	5.000
220		0	2.80			27.082	

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

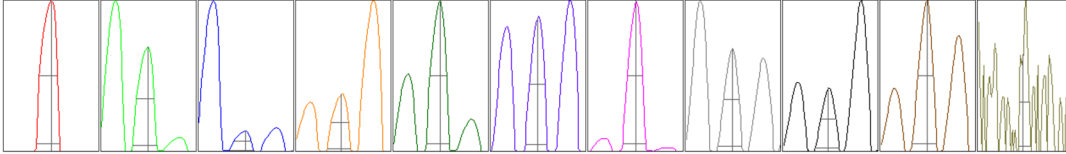
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	9189	9311	9317	9239	9229
24	89045	88781	89993	88780	89758
25	11524	11544	11501	11515	11496
26	13535	13550	13746	13526	13672
59	99233	99795	99068	100979	100295
113	10101	10288	10227	10225	10291
115	128214	127568	129813	128788	126612
206	32040	32520	32704	32873	32846
207	29175	29687	29673	29990	29844
208	70027	70890	71314	71454	71379

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	17021.26	9.05	8.90 - 9.10	
24	168298.21	24.00	23.90 - 24.10	
25	22161.63	25.00	24.90 - 25.10	
26	25521.69	25.95	25.90 - 26.10	
59	198699.19	59.00	58.90 - 59.10	
113	21416.40	113.00	112.90 - 113.10	
115	276398.54	115.05	114.90 - 115.10	
206	67780.95	206.00	205.90 - 206.10	
207	61759.26	206.95	206.90 - 207.10	
208	147304.19	208.00	207.90 - 208.10	
220	0.45	219.95	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.57	0.736	0.900	
24	0.56	0.774	0.900	
25	0.54	0.739	0.900	
26	0.56	0.736	0.900	
59	0.53	0.733	0.900	
113	0.48	0.685	0.900	
115	0.47	0.727	0.900	
206	0.49	0.766	0.900	
207	0.49	0.766	0.900	
208	0.49	0.779	0.900	
220	0.32	0.392		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.85 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	10.8 V	Deflect	14.6 V
Extract 2	-240.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-120 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	140 V		

QP Parameters

Mass Gain	124	Axis Gain	0.9993	QP Bias	-4.0 V
Mass Offset	126	Axis Offset	-0.01		

Hardware Settings

Torch

Torch H	1.3 mm	Torch V	-0.7 mm
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EM

Discriminator	4.5 mV	Analog HV	2303 V	Pulse HV	1628 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		22494	224940.75			1.280	
89		13930	139303.69			1.169	
205		26301	263008.54			1.530	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	22627	22833	22418	22057	22536
89	14086	14071	13911	13684	13900
205	26533	26521	26493	25591	26366

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.85 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	10.8 V	Deflect	4.2 V
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US EPA Tune Check Report

Extract 2	-240.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-120 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	124	Axis Gain	0.9993	QP Bias	-13.0 V
Mass Offset	126	Axis Offset	-0.01		
Hardware Settings					
Torch					
Torch H	1.3 mm	Torch V	-0.7 mm		
EM					
Discriminator	4.5 mV	Analog HV	2303 V	Pulse HV	1628 V

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 10:07:40	DataFile Name :	001SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2						ppb
Antimony	121-1						ppb
Arsenic	75-2						ppb
Barium	135-1						ppb
Barium	137-1						ppb
Beryllium	9-1						ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1						ppb
Cadmium	106-1						ppb
Cadmium	111-1						ppb
Calcium	43-1						ppb
Calcium	44-1						ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2						ppb
Cobalt	59-2						ppb
Copper	63-2						ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				101		%
Iron	54-2						ppb
Iron	56-2						ppb
Iron	57-2						ppb
Krypton	83-1						cps
Lead	206-1						ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 10:07:40	DataFile Name :	001SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1						ppb
Lead	208-1						ppb
Lithium	6-1				97		%
Magnesium	24-2						ppb
Manganese	55-2						ppb
Molybdenum	94-1						ppb
Molybdenum	95-1						ppb
Molybdenum	96-1						ppb
Molybdenum	97-1						ppb
Molybdenum	98-1						ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2						ppb
Phosphorus	31-2						ppb
Potassium	39-2						ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1						ppb
Selenium	77-2						ppb
Selenium	78-2						ppb
Silicon	28-1						ppb
Silver	107-1						ppb
Silver	109-1						ppb
Sodium	23-2						ppb
Strontium	86-1						ppb
Strontium	88-1						ppb
Sulfur	34-1						ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1						ppb
Thallium	205-1						ppb
Tin	118-1						ppb
Titanium	47-1						ppb
Uranium	238-1						ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 10:07:40	DataFile Name :	001SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2						ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				100		%
Zinc	66-2						ppb
Zirconium	90-1						ppb
Zirconium	91-1						ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 10:45:19	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.46	0.48	-0.02	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.02	0.05	-0.03	0.00	N/A	ppb
Barium	135-1	0.01	0.01	-0.02	0.00	N/A	ppb
Barium	137-1	0.01	-0.01	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	-0.05	-0.01	0.06	0.00	N/A	ppb
Cadmium	106-1	-0.93	0.55	0.38	0.00	N/A	ppb
Cadmium	111-1	-0.06	0.04	0.01	0.00	N/A	ppb
Calcium	43-1	0.53	-0.26	-0.27	0.00	N/A	ppb
Calcium	44-1	-1.21	-2.66	3.87	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	0.00	0.03	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.02	0.02	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	0.10	-0.42	0.31	0.00	N/A	ppb
Iron	56-2	0.08	-0.13	0.05	0.00	N/A	ppb
Iron	57-2	-0.40	0.58	-0.18	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 :	LB127737	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 10:45:19	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	-0.08	-0.05	0.12	0.00	N/A	ppb
Manganese	55-2	0.01	0.01	-0.02	0.00	N/A	ppb
Molybdenum	94-1	0.00	-0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	-0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.01	0.00	N/A	ppb
Phosphorus	31-2	-15.89	-12.95	-12.64	-13.83		ppb
Potassium	39-2	-0.63	-2.08	2.71	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.12	0.21	-0.33	0.00	N/A	ppb
Selenium	77-2	1.03	-0.51	-0.51	0.00	N/A	ppb
Selenium	78-2	0.08	0.95	-1.03	0.00	N/A	ppb
Silicon	28-1	-0.60	-0.26	0.86	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	-0.28	-0.75	1.03	0.00	N/A	ppb
Strontium	86-1	0.01	-0.02	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-131.51	-117.78	127.96	-40.44		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	-0.02	0.01	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 10:45:19	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.01	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	-0.16	0.02	0.13	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.00	0.01	0.00	N/A	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 10:48:44	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.01	20.27	20.43	19.90	3.89	ppb
Antimony	121-1	1.73	1.74	1.76	1.74	0.91	ppb
Arsenic	75-2	0.71	0.72	1.15	0.86	28.69	ppb
Barium	135-1	8.73	8.40	8.18	8.44	3.26	ppb
Barium	137-1	8.75	8.47	8.40	8.54	2.14	ppb
Beryllium	9-1	0.92	0.85	0.91	0.89	4.42	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	0.78	0.89	0.81	0.83	6.94	ppb
Cadmium	106-1	1.54	0.71	-0.02	0.74	104.80	ppb
Cadmium	111-1	0.98	0.89	0.80	0.89	9.84	ppb
Calcium	43-1	429.79	430.78	409.68	423.42	2.81	ppb
Calcium	44-1	418.78	413.85	421.52	418.05	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.77	1.78	1.85	1.80	2.27	ppb
Cobalt	59-2	0.86	0.89	0.88	0.87	1.87	ppb
Copper	63-2	1.85	1.81	1.78	1.81	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				101		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	54-2	48.60	46.18	46.78	47.19	2.67	ppb
Iron	56-2	46.39	45.12	46.66	46.06	1.79	ppb
Iron	57-2	47.10	45.98	43.25	45.44	4.35	ppb
Krypton	83-1						cps
Lead	206-1	0.77	0.81	0.84	0.81	4.09	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 10:48:44	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.81	0.82	0.80	0.81	1.48	ppb
Lead	208-1	0.79	0.80	0.82	0.80	2.05	ppb
Lithium	6-1				101		%
Magnesium	24-2	446.20	437.96	449.35	444.50	1.32	ppb
Manganese	55-2	1.01	0.90	0.92	0.94	5.95	ppb
Molybdenum	94-1	4.86	4.78	4.80	4.81	0.87	ppb
Molybdenum	95-1	4.13	3.98	4.15	4.09	2.31	ppb
Molybdenum	96-1	4.21	4.16	4.21	4.19	0.69	ppb
Molybdenum	97-1	4.16	3.92	4.10	4.06	2.99	ppb
Molybdenum	98-1	4.11	4.07	4.03	4.07	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	0.97	0.98	0.99	2.70	ppb
Phosphorus	31-2	20.04	3.60	17.84	13.83	64.55	ppb
Potassium	39-2	429.93	428.93	419.73	426.20	1.32	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	3.52	4.14	3.79	3.81	8.15	ppb
Selenium	77-2	3.29	11.06	5.61	6.65	59.94	ppb
Selenium	78-2	1.83	4.56	3.19	3.19	42.77	ppb
Silicon	28-1	16.22	15.31	16.46	16.00	3.80	ppb
Silver	107-1	0.77	0.84	0.84	0.82	5.24	ppb
Silver	109-1	0.82	0.84	0.88	0.84	3.76	ppb
Sodium	23-2	441.69	442.07	442.40	442.05	0.08	ppb
Strontium	86-1	0.81	0.80	0.82	0.81	0.88	ppb
Strontium	88-1	0.86	0.83	0.84	0.84	1.81	ppb
Sulfur	34-1	94.83	-18.02	44.51	40.44	139.80	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.82	0.75	0.78	0.78	4.41	ppb
Thallium	205-1	0.82	0.80	0.84	0.82	2.51	ppb
Tin	118-1	4.44	4.33	4.29	4.35	1.75	ppb
Titanium	47-1	4.29	4.55	4.27	4.37	3.52	ppb
Uranium	238-1	0.76	0.76	0.78	0.77	1.17	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 10:48:44	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.28	4.33	4.40	4.34	1.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	2.06	1.74	1.92	1.91	8.39	ppb
Zirconium	90-1	0.80	0.82	0.80	0.81	1.71	ppb
Zirconium	91-1	0.80	0.81	0.81	0.80	0.99	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 10:52:10	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1043.31	1035.25	1028.86	1035.81	0.70	ppb
Antimony	121-1	50.43	50.63	48.97	50.01	1.81	ppb
Arsenic	75-2	51.80	51.28	48.41	50.50	3.62	ppb
Barium	135-1	253.19	257.04	247.95	252.73	1.80	ppb
Barium	137-1	250.95	252.82	247.28	250.35	1.13	ppb
Beryllium	9-1	51.72	50.63	51.29	51.21	1.07	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	53.19	54.02	52.10	53.11	1.81	ppb
Cadmium	106-1	54.99	53.26	53.20	53.82	1.89	ppb
Cadmium	111-1	51.89	52.04	50.33	51.42	1.84	ppb
Calcium	43-1	5832.24	5756.88	5682.54	5757.22	1.30	ppb
Calcium	44-1	5648.39	5603.15	5673.28	5641.60	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.06	50.23	48.57	49.62	1.84	ppb
Cobalt	59-2	50.17	51.04	49.88	50.36	1.20	ppb
Copper	63-2	531.95	525.72	515.42	524.36	1.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	54-2	2704.95	2754.44	2679.46	2712.95	1.41	ppb
Iron	56-2	2699.22	2720.93	2638.50	2686.22	1.59	ppb
Iron	57-2	2605.51	2585.42	2556.72	2582.55	0.95	ppb
Krypton	83-1						cps
Lead	206-1	255.59	252.47	251.51	253.19	0.84	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 10:52:10	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	242.72	243.13	241.78	242.54	0.29	ppb
Lead	208-1	250.32	252.26	253.19	251.92	0.58	ppb
Lithium	6-1				99		%
Magnesium	24-2	5607.94	5476.43	5298.40	5460.92	2.84	ppb
Manganese	55-2	505.74	501.54	489.49	498.92	1.69	ppb
Molybdenum	94-1	512.95	500.97	513.61	509.18	1.40	ppb
Molybdenum	95-1	518.41	500.52	515.91	511.61	1.89	ppb
Molybdenum	96-1	511.93	502.46	521.91	512.10	1.90	ppb
Molybdenum	97-1	504.50	495.43	509.15	503.03	1.39	ppb
Molybdenum	98-1	507.07	499.19	509.20	505.16	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.61	53.95	52.60	53.06	1.47	ppb
Phosphorus	31-2	1038.75	1068.92	1029.51	1045.73	1.97	ppb
Potassium	39-2	2578.97	2549.03	2516.51	2548.17	1.23	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	52.31	50.38	51.43	51.37	1.88	ppb
Selenium	77-2	60.88	47.96	41.93	50.26	19.26	ppb
Selenium	78-2	50.18	55.73	47.18	51.03	8.50	ppb
Silicon	28-1	71.94	72.86	73.94	72.91	1.37	ppb
Silver	107-1	50.66	50.96	49.42	50.35	1.62	ppb
Silver	109-1	49.81	50.47	49.36	49.88	1.11	ppb
Sodium	23-2	5347.64	5466.71	5415.12	5409.82	1.10	ppb
Strontium	86-1	1287.23	1256.65	1287.81	1277.23	1.40	ppb
Strontium	88-1	1287.47	1248.69	1268.57	1268.24	1.53	ppb
Sulfur	34-1	947.29	944.94	965.79	952.67	1.20	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	47.90	47.93	47.52	47.78	0.48	ppb
Thallium	205-1	48.97	47.43	48.35	48.25	1.60	ppb
Tin	118-1	51.17	52.01	50.57	51.25	1.41	ppb
Titanium	47-1	496.63	493.89	499.51	496.67	0.57	ppb
Uranium	238-1	46.71	46.19	46.14	46.35	0.68	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 10:52:10	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	48.78	49.44	48.43	48.89	1.05	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	500.88	509.05	494.17	501.37	1.49	ppb
Zirconium	90-1	50.08	47.65	49.58	49.10	2.61	ppb
Zirconium	91-1	48.97	47.70	49.18	48.62	1.65	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 10:55:22	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2601.91	2604.30	2557.96	2588.06	1.01	ppb
Antimony	121-1	130.25	126.27	125.28	127.27	2.06	ppb
Arsenic	75-2	127.88	129.29	128.93	128.70	0.57	ppb
Barium	135-1	647.66	630.52	617.05	631.74	2.43	ppb
Barium	137-1	668.15	647.75	649.29	655.06	1.73	ppb
Beryllium	9-1	127.21	128.19	123.69	126.36	1.87	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	134.34	136.54	129.92	133.60	2.52	ppb
Cadmium	106-1	137.94	134.59	134.09	135.54	1.54	ppb
Cadmium	111-1	132.27	128.00	125.96	128.74	2.50	ppb
Calcium	43-1	15291.55	14942.01	13865.02	14699.53	5.06	ppb
Calcium	44-1	14564.58	14479.49	13539.15	14194.41	4.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125.40	126.20	126.18	125.92	0.36	ppb
Cobalt	59-2	127.37	126.97	127.24	127.19	0.16	ppb
Copper	63-2	1321.98	1315.88	1323.57	1320.48	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	54-2	6843.55	6787.85	6861.48	6830.96	0.56	ppb
Iron	56-2	6737.02	6844.80	6747.03	6776.28	0.88	ppb
Iron	57-2	6585.49	6508.79	6540.92	6545.07	0.59	ppb
Krypton	83-1						cps
Lead	206-1	635.56	655.23	610.43	633.74	3.54	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 10:55:22	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	643.24	653.47	619.49	638.73	2.73	ppb
Lead	208-1	644.84	651.13	614.14	636.70	3.11	ppb
Lithium	6-1				97		%
Magnesium	24-2	13875.13	13944.80	13692.37	13837.43	0.94	ppb
Manganese	55-2	1345.61	1321.72	1298.56	1321.96	1.78	ppb
Molybdenum	94-1	1265.62	1281.16	1239.99	1262.25	1.65	ppb
Molybdenum	95-1	1301.37	1267.29	1217.96	1262.21	3.32	ppb
Molybdenum	96-1	1289.79	1290.78	1201.14	1260.57	4.08	ppb
Molybdenum	97-1	1311.15	1283.36	1237.05	1277.18	2.93	ppb
Molybdenum	98-1	1287.86	1260.94	1222.76	1257.19	2.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	133.79	134.02	134.54	134.11	0.28	ppb
Phosphorus	31-2	2560.46	2575.59	2770.44	2635.50	4.44	ppb
Potassium	39-2	6429.37	6440.33	6456.48	6442.06	0.21	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	132.33	133.38	125.01	130.24	3.50	ppb
Selenium	77-2	137.72	148.95	137.64	141.43	4.60	ppb
Selenium	78-2	128.79	125.71	133.46	129.32	3.02	ppb
Silicon	28-1	186.55	142.51	135.76	154.94	17.80	ppb
Silver	107-1	127.25	124.62	123.12	125.00	1.67	ppb
Silver	109-1	127.73	124.46	122.98	125.06	1.94	ppb
Sodium	23-2	13346.34	13780.83	13229.21	13452.13	2.16	ppb
Strontium	86-1	3241.87	3235.31	3048.07	3175.08	3.47	ppb
Strontium	88-1	3270.47	3225.34	3108.10	3201.31	2.62	ppb
Sulfur	34-1	2967.40	2669.57	2065.49	2567.49	17.90	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	121.79	123.60	116.13	120.51	3.23	ppb
Thallium	205-1	128.46	130.78	122.89	127.38	3.19	ppb
Tin	118-1	132.23	128.83	125.17	128.74	2.74	ppb
Titanium	47-1	1340.17	1310.52	1241.70	1297.47	3.89	ppb
Uranium	238-1	127.30	127.15	121.99	125.48	2.41	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 10:55:22	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	124.79	125.83	125.13	125.25	0.42	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	1283.13	1260.54	1265.44	1269.70	0.94	ppb
Zirconium	90-1	132.26	129.88	124.51	128.88	3.08	ppb
Zirconium	91-1	124.06	124.06	119.17	122.43	2.30	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 10:58:28	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5776.05	5439.75	5150.91	5455.57	5.73	ppb
Antimony	121-1	249.82	257.91	251.72	253.15	1.67	ppb
Arsenic	75-2	293.01	266.17	252.83	270.67	7.56	ppb
Barium	135-1	1268.51	1290.67	1276.10	1278.42	0.88	ppb
Barium	137-1	1259.57	1303.40	1241.15	1268.04	2.52	ppb
Beryllium	9-1	249.44	251.50	260.19	253.71	2.25	ppb
Bismuth	209-1				100		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Cadmium	108-1	250.40	256.61	253.55	253.52	1.23	ppb
Cadmium	106-1	254.91	258.32	254.39	255.87	0.83	ppb
Cadmium	111-1	247.32	250.97	244.64	247.64	1.28	ppb
Calcium	43-1	28870.94	29415.71	29375.98	29220.88	1.04	ppb
Calcium	44-1	27720.94	27786.60	28386.26	27964.60	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	283.86	261.27	252.38	265.84	6.11	ppb
Cobalt	59-2	283.96	262.82	258.83	268.54	5.03	ppb
Copper	63-2	2979.01	2696.74	2623.48	2766.41	6.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				90		%
Indium	115-1				95		%
Indium	115-2				86		%
Iron	54-2	15927.41	14862.11	14160.51	14983.34	5.94	ppb
Iron	56-2	15607.45	14311.01	13591.91	14503.46	7.04	ppb
Iron	57-2	14776.18	13712.90	13291.28	13926.79	5.49	ppb
Krypton	83-1						cps
Lead	206-1	1221.46	1227.06	1255.39	1234.64	1.47	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 10:58:28	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1207.65	1234.60	1293.89	1245.38	3.54	ppb
Lead	208-1	1218.89	1243.26	1281.08	1247.74	2.51	ppb
Lithium	6-1				93		%
Magnesium	24-2	31396.13	28451.10	27852.72	29233.32	6.49	ppb
Manganese	55-2	3007.83	2750.12	2613.10	2790.35	7.18	ppb
Molybdenum	94-1	2467.22	2472.29	2526.77	2488.76	1.33	ppb
Molybdenum	95-1	2494.65	2480.66	2541.38	2505.56	1.27	ppb
Molybdenum	96-1	2486.03	2507.04	2541.24	2511.43	1.11	ppb
Molybdenum	97-1	2446.55	2489.55	2510.88	2482.33	1.32	ppb
Molybdenum	98-1	2454.46	2452.59	2523.69	2476.91	1.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	293.11	275.64	267.46	278.74	4.70	ppb
Phosphorus	31-2	5911.14	5318.86	5235.96	5488.65	6.71	ppb
Potassium	39-2	15044.87	13625.85	13586.30	14085.67	5.90	ppb
Rhodium	103-1				96		%
Rhodium	103-2				87		%
Scandium	45-1				95		%
Scandium	45-2				86		%
Selenium	82-1	246.61	252.27	255.52	251.46	1.79	ppb
Selenium	77-2	308.71	260.44	290.76	286.63	8.51	ppb
Selenium	78-2	287.69	261.55	266.70	271.98	5.09	ppb
Silicon	28-1	276.69	284.36	275.27	278.77	1.75	ppb
Silver	107-1	250.25	251.88	248.62	250.25	0.65	ppb
Silver	109-1	246.92	250.11	249.94	248.99	0.72	ppb
Sodium	23-2	30453.12	28154.12	27316.35	28641.20	5.67	ppb
Strontium	86-1	6266.00	6139.61	6492.28	6299.30	2.84	ppb
Strontium	88-1	6224.21	6272.25	6399.13	6298.53	1.43	ppb
Sulfur	34-1	4832.61	5062.19	4885.35	4926.72	2.44	ppb
Terbium	159-1				101		%
Terbium	159-2				90		%
Thallium	203-1	247.68	245.84	253.90	249.14	1.70	ppb
Thallium	205-1	246.89	247.18	256.80	250.29	2.25	ppb
Tin	118-1	251.51	261.89	259.58	257.66	2.12	ppb
Titanium	47-1	2524.87	2550.14	2621.75	2565.59	1.96	ppb
Uranium	238-1	240.33	240.82	253.04	244.73	2.94	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 10:58:28	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	282.80	261.39	254.56	266.25	5.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				86		%
Zinc	66-2	2833.08	2622.58	2559.31	2671.65	5.36	ppb
Zirconium	90-1	252.30	253.28	253.32	252.97	0.23	ppb
Zirconium	91-1	238.01	239.23	244.29	240.51	1.38	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 11:01:30	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9874.34	9844.15	9892.18	9870.22	0.25	ppb
Antimony	121-1	501.66	493.60	498.55	497.93	0.82	ppb
Arsenic	75-2	492.73	495.12	502.77	496.87	1.06	ppb
Barium	135-1	2489.47	2448.20	2487.70	2475.12	0.94	ppb
Barium	137-1	2487.05	2448.81	2487.70	2474.52	0.90	ppb
Beryllium	9-1	495.51	486.88	504.82	495.74	1.81	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	492.10	496.51	505.51	498.04	1.37	ppb
Cadmium	106-1	502.40	497.43	509.79	503.20	1.24	ppb
Cadmium	111-1	473.45	483.02	495.89	484.12	2.33	ppb
Calcium	43-1	59552.74	60727.45	61172.21	60484.13	1.38	ppb
Calcium	44-1	53056.19	54460.33	54585.55	54034.02	1.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	482.44	486.00	479.23	482.56	0.70	ppb
Cobalt	59-2	507.70	508.34	498.97	505.00	1.04	ppb
Copper	63-2	5007.41	5056.55	4979.53	5014.50	0.78	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				95		%
Indium	115-1				92		%
Indium	115-2				90		%
Iron	54-2	27010.24	27133.78	26989.00	27044.34	0.29	ppb
Iron	56-2	25879.58	26520.00	26045.40	26148.33	1.27	ppb
Iron	57-2	25097.22	25237.87	25008.49	25114.53	0.46	ppb
Krypton	83-1						cps
Lead	206-1	2403.24	2424.26	2511.39	2446.30	2.34	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 11:01:30	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2393.04	2459.58	2499.18	2450.60	2.19	ppb
Lead	208-1	2414.31	2458.47	2499.04	2457.27	1.72	ppb
Lithium	6-1				90		%
Magnesium	24-2	52712.79	53179.12	52581.15	52824.35	0.59	ppb
Manganese	55-2	4937.98	4943.14	4893.86	4924.99	0.55	ppb
Molybdenum	94-1	4766.26	5038.96	4791.88	4865.70	3.10	ppb
Molybdenum	95-1	4760.07	5034.10	4779.43	4857.87	3.15	ppb
Molybdenum	96-1	4760.33	4946.99	4825.69	4844.34	1.96	ppb
Molybdenum	97-1	4801.68	4987.06	4787.98	4858.91	2.29	ppb
Molybdenum	98-1	4832.63	4911.56	4790.40	4844.86	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.19	504.74	502.00	501.98	0.55	ppb
Phosphorus	31-2	10145.88	9906.93	10212.34	10088.38	1.59	ppb
Potassium	39-2	25244.16	25086.12	25609.56	25313.28	1.06	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				90		%
Selenium	82-1	496.01	507.12	491.06	498.06	1.65	ppb
Selenium	77-2	511.08	498.76	475.74	495.20	3.62	ppb
Selenium	78-2	481.83	490.17	507.36	493.12	2.64	ppb
Silicon	28-1	525.18	549.08	540.89	538.38	2.26	ppb
Silver	107-1	477.76	473.52	500.21	483.83	2.96	ppb
Silver	109-1	484.11	475.68	482.03	480.61	0.91	ppb
Sodium	23-2	52352.24	52272.06	50986.84	51870.38	1.48	ppb
Strontium	86-1	12163.83	12273.83	11942.49	12126.72	1.39	ppb
Strontium	88-1	11956.52	12282.74	12071.01	12103.42	1.37	ppb
Sulfur	34-1	9549.83	9672.87	9671.70	9631.47	0.73	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	481.12	499.30	491.28	490.57	1.86	ppb
Thallium	205-1	482.43	484.71	499.53	488.89	1.90	ppb
Tin	118-1	512.19	483.62	504.72	500.18	2.96	ppb
Titanium	47-1	4887.39	4927.04	4975.02	4929.82	0.89	ppb
Uranium	238-1	478.67	484.57	491.64	484.96	1.34	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 11:01:30	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	486.80	485.95	480.80	484.52	0.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				90		%
Zinc	66-2	5043.12	5100.01	5163.02	5102.05	1.18	ppb
Zirconium	90-1	481.85	486.46	487.09	485.13	0.59	ppb
Zirconium	91-1	482.03	489.14	487.35	486.17	0.76	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 11:04:34	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21386.71	20547.74	20881.23	20938.56	2.02	ppb
Antimony	121-1	996.17	1006.28	997.43	999.96	0.55	ppb
Arsenic	75-2	993.57	988.48	1005.68	995.91	0.89	ppb
Barium	135-1	4916.69	5006.16	5090.22	5004.36	1.73	ppb
Barium	137-1	5025.33	5036.19	4951.86	5004.46	0.92	ppb
Beryllium	9-1	985.10	1017.78	1000.04	1000.97	1.63	ppb
Bismuth	209-1				94		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Cadmium	108-1	976.63	1005.32	1014.67	998.87	1.98	ppb
Cadmium	106-1	967.54	1006.14	1012.59	995.42	2.45	ppb
Cadmium	111-1	982.50	1017.84	1023.63	1007.99	2.21	ppb
Calcium	43-1	119406.38	120909.17	118977.90	119764.48	0.85	ppb
Calcium	44-1	108950.84	111476.17	109322.44	109916.48	1.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	994.49	1013.28	1006.22	1004.67	0.94	ppb
Cobalt	59-2	1003.90	986.72	987.10	992.57	0.99	ppb
Copper	63-2	9988.51	9866.72	9893.13	9916.12	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				94		%
Indium	115-1				89		%
Indium	115-2				87		%
Iron	54-2	52405.82	53593.47	52743.55	52914.28	1.16	ppb
Iron	56-2	52174.07	52535.31	52130.44	52279.94	0.43	ppb
Iron	57-2	53164.87	52666.20	52642.94	52824.67	0.56	ppb
Krypton	83-1						cps
Lead	206-1	5038.63	5110.64	4939.04	5029.44	1.71	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 11:04:34	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	5087.62	5027.85	4958.06	5024.51	1.29	ppb
Lead	208-1	5067.41	5026.57	4967.12	5020.37	1.00	ppb
Lithium	6-1				86		%
Magnesium	24-2	107646.72	105689.77	107407.79	106914.76	1.00	ppb
Manganese	55-2	9892.73	10006.41	9968.79	9955.98	0.58	ppb
Molybdenum	94-1	10228.86	9898.97	10076.08	10067.97	1.64	ppb
Molybdenum	95-1	10093.13	9921.54	10188.04	10067.57	1.34	ppb
Molybdenum	96-1	10230.57	9969.18	10019.39	10073.05	1.38	ppb
Molybdenum	97-1	10201.67	9959.87	10052.71	10071.42	1.21	ppb
Molybdenum	98-1	10175.37	9991.75	10079.44	10082.19	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	988.25	980.93	1002.42	990.54	1.10	ppb
Phosphorus	31-2	19953.42	19692.73	19797.12	19814.42	0.66	ppb
Potassium	39-2	50954.23	50164.15	50561.50	50559.96	0.78	ppb
Rhodium	103-1				89		%
Rhodium	103-2				88		%
Scandium	45-1				89		%
Scandium	45-2				90		%
Selenium	82-1	1019.77	995.19	984.69	999.88	1.80	ppb
Selenium	77-2	1049.61	948.60	975.29	991.17	5.28	ppb
Selenium	78-2	994.21	987.30	1010.58	997.36	1.20	ppb
Silicon	28-1	961.41	977.72	966.88	968.67	0.86	ppb
Silver	107-1	985.62	1019.91	1018.48	1008.00	1.92	ppb
Silver	109-1	982.54	1022.76	1024.54	1009.95	2.35	ppb
Sodium	23-2	106204.09	105110.44	104751.63	105355.39	0.72	ppb
Strontium	86-1	25086.67	25071.25	25297.33	25151.75	0.50	ppb
Strontium	88-1	25304.48	25216.68	24960.46	25160.54	0.71	ppb
Sulfur	34-1	20198.68	20805.59	19585.28	20196.52	3.02	ppb
Terbium	159-1				96		%
Terbium	159-2				94		%
Thallium	203-1	992.87	1013.77	1010.17	1005.60	1.11	ppb
Thallium	205-1	1007.63	1015.07	993.12	1005.27	1.11	ppb
Tin	118-1	984.28	1000.48	1007.65	997.47	1.20	ppb
Titanium	47-1	9962.99	10041.33	10034.46	10012.93	0.43	ppb
Uranium	238-1	1013.90	1008.81	1004.17	1008.96	0.48	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 11:04:34	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	992.82	1010.24	1008.06	1003.71	0.95	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				91		%
Yttrium	89-2				89		%
Zinc	66-2	9859.53	9957.77	9893.29	9903.53	0.50	ppb
Zirconium	90-1	1008.91	1011.14	998.71	1006.25	0.66	ppb
Zirconium	91-1	1016.67	1003.79	1008.57	1009.68	0.64	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 11:07:36	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100612.12	99316.21	99471.45	99799.93	0.71	ppb
Antimony	121-1	0.41	0.51	0.60	0.51	19.68	ppb
Arsenic	75-2	0.40	0.60	0.38	0.46	26.77	ppb
Barium	135-1	3.08	3.14	2.94	3.06	3.43	ppb
Barium	137-1	2.87	2.97	2.88	2.91	2.00	ppb
Beryllium	9-1	0.12	0.19	0.31	0.21	46.19	ppb
Bismuth	209-1				83		%
Bismuth	209-2				85		%
Bromine	81-1						cps
Cadmium	108-1	0.88	0.80	0.69	0.79	11.78	ppb
Cadmium	106-1	0.79	0.11	-0.41	0.16	371.53	ppb
Cadmium	111-1	0.45	0.50	0.41	0.45	9.51	ppb
Calcium	43-1	503012.67	488562.84	492599.98	494725.16	1.51	ppb
Calcium	44-1	501016.40	496985.74	494247.00	497416.38	0.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.30	2.39	2.27	2.32	2.61	ppb
Cobalt	59-2	2.40	2.38	2.33	2.37	1.37	ppb
Copper	63-2	1.96	1.92	1.96	1.95	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				97		%
Indium	115-1				85		%
Indium	115-2				93		%
Iron	54-2	251718.51	246978.68	248518.48	249071.89	0.97	ppb
Iron	56-2	252139.58	245368.97	250433.42	249313.99	1.41	ppb
Iron	57-2	254362.29	248236.21	245433.71	249344.07	1.83	ppb
Krypton	83-1						cps
Lead	206-1	2.67	3.69	5.67	4.01	37.97	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 11:07:36	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2.59	3.37	5.56	3.84	40.10	ppb
Lead	208-1	2.62	3.44	5.27	3.78	35.90	ppb
Lithium	6-1				79		%
Magnesium	24-2	504069.98	489033.94	501150.96	498084.96	1.60	ppb
Manganese	55-2	5.04	4.97	4.89	4.97	1.46	ppb
Molybdenum	94-1	2.48	3.34	2.54	2.79	17.19	ppb
Molybdenum	95-1	2.04	2.98	1.98	2.34	23.96	ppb
Molybdenum	96-1	2.21	3.34	2.24	2.60	24.87	ppb
Molybdenum	97-1	2.08	3.27	1.95	2.43	29.74	ppb
Molybdenum	98-1	2.00	2.86	1.90	2.25	23.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.75	2.57	2.89	2.74	5.78	ppb
Phosphorus	31-2	-4.28	1.46	4.50	0.56	792.27	ppb
Potassium	39-2	250554.22	248640.90	250121.66	249772.26	0.40	ppb
Rhodium	103-1				81		%
Rhodium	103-2				88		%
Scandium	45-1				87		%
Scandium	45-2				95		%
Selenium	82-1	5.19	5.54	5.35	5.36	3.29	ppb
Selenium	77-2	5.90	6.74	9.84	7.49	27.69	ppb
Selenium	78-2	6.66	6.93	4.52	6.04	21.82	ppb
Silicon	28-1	47.48	48.01	46.57	47.35	1.55	ppb
Silver	107-1	0.20	0.22	0.18	0.20	9.69	ppb
Silver	109-1	0.20	0.22	0.19	0.20	7.97	ppb
Sodium	23-2	502352.68	503031.57	490211.69	498531.98	1.45	ppb
Strontium	86-1	3.64	4.03	3.88	3.85	5.16	ppb
Strontium	88-1	3.63	4.17	3.98	3.93	6.95	ppb
Sulfur	34-1	-404.48	-596.12	-556.23	-518.95		ppb
Terbium	159-1				91		%
Terbium	159-2				98		%
Thallium	203-1	0.23	0.38	1.28	0.63	89.46	ppb
Thallium	205-1	0.25	0.39	0.99	0.54	72.42	ppb
Tin	118-1	0.53	0.57	0.54	0.54	4.01	ppb
Titanium	47-1	1.77	2.03	2.33	2.04	13.80	ppb
Uranium	238-1	0.22	0.35	0.55	0.37	44.29	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 11:07:36	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.27	0.21	0.25	0.24	12.65	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				88		%
Yttrium	89-2				96		%
Zinc	66-2	8.01	7.51	7.97	7.83	3.52	ppb
Zirconium	90-1	0.43	0.46	0.47	0.45	4.66	ppb
Zirconium	91-1	0.42	0.45	0.41	0.43	5.63	ppb

LB Number : LB127737 Operator : Jaswal
 Lab Sample ID : ICV061 Instrumnet Name : P8
 Client Sample ID : ICV061 Dilution Factor : 1
 Date & Time Acquired : 2023-10-11 11:50:32 DataFile Name : 017ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	498.59	510.02	518.06	508.89	1.92	ppb
Antimony	121-1	201.46	205.92	204.37	203.92	1.11	ppb
Arsenic	75-2	203.62	202.71	212.29	206.21	2.56	ppb
Barium	135-1	98.87	100.47	100.43	99.92	0.92	ppb
Barium	137-1	97.76	99.66	98.79	98.74	0.96	ppb
Beryllium	9-1	100.52	101.72	105.76	102.67	2.68	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	88.48	89.44	88.71	88.88	0.56	ppb
Cadmium	106-1	85.49	89.94	86.31	87.25	2.71	ppb
Cadmium	111-1	100.50	103.52	100.90	101.64	1.62	ppb
Calcium	43-1	1874.35	1934.45	1883.47	1897.42	1.71	ppb
Calcium	44-1	1862.81	1937.99	1861.37	1887.39	2.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.03	97.99	99.73	98.58	1.01	ppb
Cobalt	59-2	99.33	98.82	102.03	100.06	1.72	ppb
Copper	63-2	95.36	95.38	98.65	96.46	1.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	54-2	2072.11	2115.11	2150.57	2112.60	1.86	ppb
Iron	56-2	2097.01	2058.04	2088.69	2081.25	0.99	ppb
Iron	57-2	1960.57	1981.53	2024.93	1989.01	1.65	ppb
Krypton	83-1						cps
Lead	206-1	201.86	206.78	224.50	211.05	5.64	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	ICV061	Instrumnet Name :	P8
Client Sample ID :	ICV061	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 11:50:32	DataFile Name :	017ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	200.83	196.92	202.75	200.17	1.49	ppb
Lead	208-1	210.28	213.54	217.58	213.80	1.71	ppb
Lithium	6-1				96		%
Magnesium	24-2	1154.27	1145.44	1188.61	1162.77	1.96	ppb
Manganese	55-2	97.52	99.22	100.24	99.00	1.39	ppb
Molybdenum	94-1	0.53	0.49	0.47	0.50	6.58	ppb
Molybdenum	95-1	0.55	0.49	0.45	0.50	10.51	ppb
Molybdenum	96-1	0.57	0.48	0.50	0.52	9.01	ppb
Molybdenum	97-1	0.57	0.50	0.51	0.53	7.23	ppb
Molybdenum	98-1	0.54	0.49	0.45	0.49	9.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	108.67	110.06	112.16	110.30	1.59	ppb
Phosphorus	31-2	-17.18	-2.39	14.61	-1.65		ppb
Potassium	39-2	1995.19	1991.14	2010.21	1998.85	0.50	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	209.71	212.80	201.14	207.88	2.90	ppb
Selenium	77-2	215.72	232.75	204.84	217.77	6.46	ppb
Selenium	78-2	208.76	199.12	213.73	207.20	3.58	ppb
Silicon	28-1	3.50	4.73	3.16	3.80	21.82	ppb
Silver	107-1	47.13	48.29	47.63	47.68	1.22	ppb
Silver	109-1	46.69	48.21	47.29	47.39	1.62	ppb
Sodium	23-2	1987.40	1962.82	2024.14	1991.45	1.55	ppb
Strontium	86-1	0.76	0.45	0.43	0.55	33.98	ppb
Strontium	88-1	0.84	0.45	0.44	0.58	38.67	ppb
Sulfur	34-1	-498.63	-328.60	-613.09	-480.11		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	217.26	214.51	216.34	216.04	0.65	ppb
Thallium	205-1	210.11	216.34	218.81	215.08	2.08	ppb
Tin	118-1	0.08	0.11	0.09	0.09	14.30	ppb
Titanium	47-1	0.64	0.10	0.23	0.32	87.65	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	ICV061	Instrumnet Name :	P8
Client Sample ID :	ICV061	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 11:50:32	DataFile Name :	017ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	94.79	94.96	98.08	95.94	1.93	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	192.86	189.84	197.34	193.35	1.95	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	16.45	ppb
Zirconium	91-1	0.06	0.06	0.06	0.06	8.23	ppb

LB Number : LB127737 Operator : Jaswal
 Lab Sample ID : ICB061 Instrumnet Name : P8
 Client Sample ID : ICB061 Dilution Factor : 1
 Date & Time Acquired : 2023-10-11 11:54:01 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.08	-0.15	0.24	0.06	349.53	ppb
Antimony	121-1	0.05	0.11	0.15	0.10	49.40	ppb
Arsenic	75-2	0.13	-0.01	-0.01	0.04	195.82	ppb
Barium	135-1	-0.02	-0.01	-0.02	-0.02		ppb
Barium	137-1	-0.03	-0.01	-0.03	-0.02		ppb
Beryllium	9-1	0.00	-0.01	-0.01	0.00		ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	0.05	-0.03	0.03	0.02	242.97	ppb
Cadmium	106-1	-0.85	-0.43	-1.48	-0.92		ppb
Cadmium	111-1	-0.07	-0.02	-0.10	-0.06		ppb
Calcium	43-1	0.40	0.97	0.64	0.67	43.01	ppb
Calcium	44-1	0.14	0.13	3.01	1.09	151.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.05	-0.06	-0.07	-0.06		ppb
Cobalt	59-2	0.08	-0.03	-0.02	0.01	769.26	ppb
Copper	63-2	0.07	0.01	-0.01	0.02	173.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	54-2	0.48	-0.83	0.01	-0.11		ppb
Iron	56-2	1.58	-0.01	-0.08	0.50	188.60	ppb
Iron	57-2	1.44	0.96	-0.59	0.60	176.24	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.05	0.03	0.04	26.26	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	ICB061	Instrumnet Name :	P8
Client Sample ID :	ICB061	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 11:54:01	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.04	0.04	0.01	0.03	57.84	ppb
Lead	208-1	0.03	0.04	0.02	0.03	41.51	ppb
Lithium	6-1				99		%
Magnesium	24-2	0.09	-0.10	0.01	0.00		ppb
Manganese	55-2	-0.01	-0.04	0.01	-0.01		ppb
Molybdenum	94-1	0.00	0.01	0.04	0.02	117.88	ppb
Molybdenum	95-1	-0.01	-0.02	0.01	-0.01		ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	218.83	ppb
Molybdenum	97-1	0.00	0.00	0.02	0.01	127.41	ppb
Molybdenum	98-1	-0.01	-0.01	0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.12	-0.03	-0.04	0.01	608.00	ppb
Phosphorus	31-2	-5.35	-7.27	-2.03	-4.88		ppb
Potassium	39-2	11.02	13.71	11.74	12.15	11.48	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	-0.28	-0.23	-0.35	-0.29		ppb
Selenium	77-2	0.22	-0.51	-0.51	-0.27		ppb
Selenium	78-2	-0.41	-0.39	0.06	-0.25		ppb
Silicon	28-1	0.40	0.17	0.78	0.45	68.31	ppb
Silver	107-1	0.03	0.03	0.02	0.03	25.93	ppb
Silver	109-1	0.02	0.03	0.02	0.02	38.80	ppb
Sodium	23-2	-1.07	-0.80	0.60	-0.42		ppb
Strontium	86-1	0.04	0.01	0.23	0.09	131.88	ppb
Strontium	88-1	0.05	0.00	0.20	0.08	121.78	ppb
Sulfur	34-1	-482.45	-501.53	-334.36	-439.45		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.04	0.04	0.01	0.03	61.43	ppb
Thallium	205-1	0.04	0.05	0.01	0.03	55.05	ppb
Tin	118-1	-0.02	-0.04	-0.03	-0.03		ppb
Titanium	47-1	0.03	-0.01	0.24	0.09	152.19	ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	ICB061	Instrumnet Name :	P8
Client Sample ID :	ICB061	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 11:54:01	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				104		%
Zinc	66-2	0.32	0.01	0.35	0.23	82.60	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	4354.74	ppb
Zirconium	91-1	-0.01	-0.01	0.00	-0.01		ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	ICSA061	Instrumnet Name :	P8
Client Sample ID :	ICSA061	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 11:57:25	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95911.99	96237.14	105742.96	99297.36	5.62	ppb
Antimony	121-1	1.01	1.05	1.06	1.04	2.29	ppb
Arsenic	75-2	0.32	0.23	0.25	0.27	18.55	ppb
Barium	135-1	1.23	1.24	1.30	1.26	2.94	ppb
Barium	137-1	1.27	1.27	1.26	1.27	0.37	ppb
Beryllium	9-1	0.26	0.22	0.26	0.25	8.06	ppb
Bismuth	209-1				95		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Cadmium	108-1	14.68	15.75	14.00	14.81	5.96	ppb
Cadmium	106-1	-1.20	-1.43	-1.44	-1.36		ppb
Cadmium	111-1	0.38	0.38	0.46	0.40	11.91	ppb
Calcium	43-1	91465.12	91490.12	94958.60	92637.95	2.17	ppb
Calcium	44-1	90907.70	89717.70	93161.78	91262.39	1.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.38	18.71	20.51	19.20	5.97	ppb
Cobalt	59-2	1.04	1.09	1.17	1.10	6.38	ppb
Copper	63-2	6.88	7.05	7.79	7.24	6.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				96		%
Indium	115-1				93		%
Indium	115-2				90		%
Iron	54-2	99390.12	100317.68	111263.72	103657.17	6.37	ppb
Iron	56-2	99338.98	98908.44	110630.80	102959.41	6.46	ppb
Iron	57-2	98296.00	98926.95	109778.04	102333.66	6.31	ppb
Krypton	83-1						cps
Lead	206-1	5.46	5.48	5.61	5.52	1.46	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	ICSA061	Instrumnet Name :	P8
Client Sample ID :	ICSA061	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 11:57:25	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	5.23	5.04	5.23	5.17	2.17	ppb
Lead	208-1	5.27	5.19	5.35	5.27	1.52	ppb
Lithium	6-1				91		%
Magnesium	24-2	95323.11	95996.24	105933.06	99084.14	6.00	ppb
Manganese	55-2	7.39	7.38	8.29	7.68	6.78	ppb
Molybdenum	94-1	1478.19	1481.56	1416.47	1458.74	2.51	ppb
Molybdenum	95-1	1761.00	1742.55	1711.65	1738.40	1.43	ppb
Molybdenum	96-1	1718.41	1711.81	1658.79	1696.33	1.93	ppb
Molybdenum	97-1	1731.00	1794.40	1672.28	1732.56	3.52	ppb
Molybdenum	98-1	1750.01	1756.63	1711.50	1739.38	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.34	5.09	5.74	5.39	6.07	ppb
Phosphorus	31-2	96856.58	96694.15	108319.94	100623.56	6.62	ppb
Potassium	39-2	94616.51	96787.49	107120.94	99508.31	6.71	ppb
Rhodium	103-1				93		%
Rhodium	103-2				89		%
Scandium	45-1				95		%
Scandium	45-2				90		%
Selenium	82-1	0.07	-0.22	-0.29	-0.15		ppb
Selenium	77-2	-0.51	-0.51	-0.51	-0.51		ppb
Selenium	78-2	0.38	0.39	0.06	0.28	68.51	ppb
Silicon	28-1	28.31	28.04	29.66	28.67	3.03	ppb
Silver	107-1	0.08	0.05	0.05	0.06	21.98	ppb
Silver	109-1	0.06	0.04	0.05	0.05	18.72	ppb
Sodium	23-2	96814.00	99638.73	109722.40	102058.38	6.65	ppb
Strontium	86-1	29.94	30.16	30.13	30.08	0.39	ppb
Strontium	88-1	30.22	30.97	29.42	30.20	2.57	ppb
Sulfur	34-1	71547.64	68067.47	72429.70	70681.61	3.26	ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	0.06	0.05	0.04	0.05	17.78	ppb
Thallium	205-1	0.07	0.06	0.06	0.06	9.13	ppb
Tin	118-1	0.12	0.10	0.09	0.11	15.62	ppb
Titanium	47-1	1971.05	1968.32	1986.40	1975.26	0.49	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	ICSA061	Instrumnet Name :	P8
Client Sample ID :	ICSA061	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 11:57:25	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.14	0.15	0.15	0.15	3.75	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	9.86	10.09	11.12	10.36	6.47	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	57.60	ppb
Zirconium	91-1	-0.01	0.01	0.00	0.00	360.58	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	ICSAB061	Instrumnet Name :	P8
Client Sample ID :	ICSAB061	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:00:40	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94749.74	98003.79	95940.70	96231.41	1.71	ppb
Antimony	121-1	19.36	18.57	18.99	18.97	2.08	ppb
Arsenic	75-2	19.64	18.18	19.42	19.08	4.11	ppb
Barium	135-1	19.51	19.24	19.52	19.42	0.80	ppb
Barium	137-1	19.66	19.33	19.27	19.42	1.08	ppb
Beryllium	9-1	18.92	18.97	19.00	18.96	0.21	ppb
Bismuth	209-1				95		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	30.73	30.10	27.47	29.43	5.88	ppb
Cadmium	106-1	13.26	14.12	13.79	13.73	3.17	ppb
Cadmium	111-1	18.04	17.49	17.84	17.79	1.54	ppb
Calcium	43-1	94488.26	94206.77	92993.88	93896.30	0.85	ppb
Calcium	44-1	92514.40	91930.35	92254.26	92233.00	0.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.74	37.48	36.95	37.06	1.03	ppb
Cobalt	59-2	19.02	19.45	19.14	19.20	1.16	ppb
Copper	63-2	24.16	24.94	24.19	24.43	1.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	54-2	99114.48	103054.70	100934.32	101034.50	1.95	ppb
Iron	56-2	98830.45	100432.16	100415.08	99892.56	0.92	ppb
Iron	57-2	99426.59	99953.83	99700.45	99693.62	0.26	ppb
Krypton	83-1						cps
Lead	206-1	25.89	25.32	25.51	25.57	1.15	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	ICSAB061	Instrumnet Name :	P8
Client Sample ID :	ICSAB061	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:00:40	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	24.49	24.29	24.70	24.49	0.82	ppb
Lead	208-1	25.15	24.47	24.94	24.85	1.40	ppb
Lithium	6-1				88		%
Magnesium	24-2	94976.85	97183.19	95416.18	95858.74	1.22	ppb
Manganese	55-2	25.14	25.61	25.63	25.46	1.09	ppb
Molybdenum	94-1	1463.13	1471.33	1485.71	1473.39	0.78	ppb
Molybdenum	95-1	1759.04	1768.43	1797.82	1775.09	1.14	ppb
Molybdenum	96-1	1740.02	1730.97	1752.84	1741.28	0.63	ppb
Molybdenum	97-1	1773.58	1761.02	1770.98	1768.53	0.38	ppb
Molybdenum	98-1	1788.08	1731.89	1770.27	1763.41	1.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.68	24.80	23.98	24.15	2.40	ppb
Phosphorus	31-2	96300.38	96661.51	96732.41	96564.77	0.24	ppb
Potassium	39-2	94681.01	97256.35	97501.62	96479.66	1.62	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	82-1	19.14	18.45	18.59	18.73	1.94	ppb
Selenium	77-2	23.07	19.79	19.06	20.64	10.36	ppb
Selenium	78-2	19.76	15.95	18.39	18.04	10.68	ppb
Silicon	28-1	29.55	30.54	30.94	30.34	2.36	ppb
Silver	107-1	16.78	16.27	16.39	16.48	1.61	ppb
Silver	109-1	16.44	16.55	16.37	16.45	0.53	ppb
Sodium	23-2	97638.28	100617.79	100072.09	99442.72	1.60	ppb
Strontium	86-1	31.09	30.90	31.17	31.05	0.43	ppb
Strontium	88-1	31.29	30.75	30.89	30.98	0.91	ppb
Sulfur	34-1	71241.39	72043.26	70625.35	71303.33	1.00	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	19.30	19.20	19.18	19.23	0.33	ppb
Thallium	205-1	19.61	19.70	19.54	19.62	0.41	ppb
Tin	118-1	0.09	0.10	0.08	0.09	11.21	ppb
Titanium	47-1	1994.55	1981.42	1967.70	1981.22	0.68	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	ICSAB061	Instrumnet Name :	P8
Client Sample ID :	ICSAB061	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:00:40	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	18.14	18.36	18.01	18.17	0.98	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	26.62	28.12	28.10	27.62	3.12	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	27.83	ppb
Zirconium	91-1	0.01	0.02	0.00	0.01	68.18	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	CCV067	Instrumnet Name :	P8
Client Sample ID :	CCV067	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:04:13	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50744.52	48734.55	49306.61	49595.23	2.09	ppb
Antimony	121-1	480.45	484.15	481.81	482.14	0.39	ppb
Arsenic	75-2	490.90	486.47	487.80	488.39	0.47	ppb
Barium	135-1	2467.28	2486.04	2463.58	2472.30	0.49	ppb
Barium	137-1	2411.29	2470.52	2443.10	2441.63	1.21	ppb
Beryllium	9-1	464.35	491.33	479.65	478.44	2.83	ppb
Bismuth	209-1				92		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Cadmium	108-1	491.47	493.63	486.92	490.68	0.70	ppb
Cadmium	106-1	486.77	493.43	491.38	490.53	0.70	ppb
Cadmium	111-1	465.02	470.93	474.69	470.21	1.04	ppb
Calcium	43-1	249820.30	256743.72	244314.13	250292.72	2.49	ppb
Calcium	44-1	243896.36	253253.31	242593.02	246580.90	2.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	474.04	465.67	464.79	468.17	1.09	ppb
Cobalt	59-2	492.89	485.56	484.13	487.53	0.96	ppb
Copper	63-2	4981.16	4884.63	4855.65	4907.15	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				92		%
Indium	115-2				91		%
Iron	54-2	127419.87	128270.74	125504.33	127064.98	1.12	ppb
Iron	56-2	126750.06	125801.99	124279.22	125610.42	0.99	ppb
Iron	57-2	126602.78	123494.57	123183.61	124426.99	1.52	ppb
Krypton	83-1						cps
Lead	206-1	2435.52	2497.50	2452.43	2461.82	1.30	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	CCV067	Instrumnet Name :	P8
Client Sample ID :	CCV067	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:04:13	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2398.91	2492.04	2456.62	2449.19	1.92	ppb
Lead	208-1	2426.64	2482.13	2465.08	2457.95	1.16	ppb
Lithium	6-1				87		%
Magnesium	24-2	254078.98	253563.20	251739.06	253127.08	0.49	ppb
Manganese	55-2	4822.37	4859.84	4855.16	4845.79	0.42	ppb
Molybdenum	94-1	4822.75	4919.21	4958.40	4900.12	1.42	ppb
Molybdenum	95-1	4868.88	4917.70	4934.43	4907.00	0.69	ppb
Molybdenum	96-1	4876.30	4921.63	4970.67	4922.87	0.96	ppb
Molybdenum	97-1	4874.65	4842.93	4934.28	4883.95	0.95	ppb
Molybdenum	98-1	4933.72	4812.82	4979.00	4908.52	1.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.61	478.14	474.77	479.51	1.16	ppb
Phosphorus	31-2	9790.97	9749.98	9675.97	9738.97	0.60	ppb
Potassium	39-2	126905.38	121625.83	121250.58	123260.59	2.57	ppb
Rhodium	103-1				90		%
Rhodium	103-2				89		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	483.82	485.40	491.91	487.04	0.88	ppb
Selenium	77-2	487.22	510.54	456.45	484.73	5.60	ppb
Selenium	78-2	489.21	472.12	490.34	483.89	2.11	ppb
Silicon	28-1	520.43	518.07	520.23	519.58	0.25	ppb
Silver	107-1	483.43	484.17	474.89	480.83	1.07	ppb
Silver	109-1	487.19	481.51	488.66	485.79	0.78	ppb
Sodium	23-2	249442.83	252414.84	252960.49	251606.05	0.75	ppb
Strontium	86-1	12120.80	12314.80	12320.45	12252.02	0.93	ppb
Strontium	88-1	12214.65	12234.65	12383.60	12277.63	0.75	ppb
Sulfur	34-1	8998.77	9213.50	9174.24	9128.84	1.25	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	500.28	494.69	496.35	497.11	0.58	ppb
Thallium	205-1	490.54	490.03	495.45	492.00	0.61	ppb
Tin	118-1	492.03	487.67	480.67	486.79	1.18	ppb
Titanium	47-1	4808.86	4872.20	4837.18	4839.41	0.66	ppb
Uranium	238-1	496.17	488.02	503.64	495.94	1.58	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	CCV067	Instrumnet Name :	P8
Client Sample ID :	CCV067	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:04:13	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	481.99	475.65	471.59	476.41	1.10	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				93		%
Zinc	66-2	4956.09	4902.84	4816.70	4891.88	1.44	ppb
Zirconium	90-1	478.92	498.93	490.67	489.51	2.05	ppb
Zirconium	91-1	487.92	497.68	498.92	494.84	1.22	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	CCB067	Instrumnet Name :	P8
Client Sample ID :	CCB067	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:09:54	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.15	0.88	1.08	0.60	109.19	ppb
Antimony	121-1	0.04	0.08	0.11	0.08	45.38	ppb
Arsenic	75-2	-0.03	-0.03	0.03	-0.01		ppb
Barium	135-1	-0.03	0.00	-0.03	-0.02		ppb
Barium	137-1	-0.03	-0.02	-0.02	-0.03		ppb
Beryllium	9-1	-0.01	-0.02	0.00	-0.01		ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	0.07	0.02	-0.01	0.03	144.37	ppb
Cadmium	106-1	-1.65	-1.51	-1.69	-1.61		ppb
Cadmium	111-1	-0.12	-0.10	-0.11	-0.11		ppb
Calcium	43-1	-0.13	3.22	7.22	3.44	107.16	ppb
Calcium	44-1	16.56	16.20	20.33	17.70	12.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.07	0.03	-0.06	-0.03		ppb
Cobalt	59-2	-0.03	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.06	0.05	0.09	0.07	24.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	54-2	0.25	-0.02	2.16	0.79	149.51	ppb
Iron	56-2	0.09	0.05	1.29	0.48	146.30	ppb
Iron	57-2	-0.25	-0.01	1.87	0.54	216.27	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.08	0.49	0.21	113.34	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	CCB067	Instrumnet Name :	P8
Client Sample ID :	CCB067	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:09:54	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.09	0.10	0.48	0.22	100.37	ppb
Lead	208-1	0.08	0.09	0.44	0.21	99.15	ppb
Lithium	6-1				91		%
Magnesium	24-2	0.25	0.39	2.39	1.01	118.50	ppb
Manganese	55-2	-0.03	-0.01	0.02	-0.01		ppb
Molybdenum	94-1	0.09	0.66	0.11	0.29	112.74	ppb
Molybdenum	95-1	0.11	0.50	0.10	0.24	97.76	ppb
Molybdenum	96-1	0.07	0.45	0.08	0.20	108.66	ppb
Molybdenum	97-1	0.09	0.44	0.09	0.21	98.66	ppb
Molybdenum	98-1	0.07	0.35	0.07	0.17	97.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.03	-0.06	-0.04		ppb
Phosphorus	31-2	-3.38	3.74	11.01	3.79	189.80	ppb
Potassium	39-2	41.27	40.38	38.55	40.07	3.47	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	0.17	-0.11	-0.26	-0.07		ppb
Selenium	77-2	-0.51	-0.51	-0.51	-0.51		ppb
Selenium	78-2	-0.09	-1.03	-0.10	-0.41		ppb
Silicon	28-1	-1.85	-1.19	-1.68	-1.57		ppb
Silver	107-1	0.01	0.02	0.01	0.01	41.81	ppb
Silver	109-1	0.01	0.01	0.01	0.01	22.87	ppb
Sodium	23-2	79.63	75.95	75.69	77.09	2.86	ppb
Strontium	86-1	0.04	0.45	0.12	0.20	107.65	ppb
Strontium	88-1	0.06	1.21	0.09	0.45	144.23	ppb
Sulfur	34-1	-366.80	-290.98	-285.10	-314.29		ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	0.02	0.02	0.08	0.04	76.72	ppb
Thallium	205-1	0.02	0.03	0.12	0.06	90.00	ppb
Tin	118-1	-0.03	-0.03	-0.03	-0.03		ppb
Titanium	47-1	0.02	0.01	0.12	0.05	121.24	ppb
Uranium	238-1	-0.03	-0.03	0.02	-0.01		ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	CCB067	Instrumnet Name :	P8
Client Sample ID :	CCB067	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:09:54	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	-0.01	-0.01	0.00	-0.01		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	0.48	0.58	0.27	0.44	34.81	ppb
Zirconium	90-1	0.00	0.07	0.02	0.03	117.91	ppb
Zirconium	91-1	0.00	0.05	0.01	0.02	111.51	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	PB155893BL	Instrumnet Name :	P8
Client Sample ID :	PBW893	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:13:21	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.66	0.33	-0.18	0.27	154.90	ppb
Antimony	121-1	0.01	0.02	0.03	0.02	60.54	ppb
Arsenic	75-2	-0.02	0.00	-0.01	-0.01		ppb
Barium	135-1	-0.01	-0.03	-0.03	-0.03		ppb
Barium	137-1	-0.02	-0.03	-0.04	-0.03		ppb
Beryllium	9-1	-0.02	-0.02	-0.03	-0.02		ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	-0.03	-0.05	-0.03	-0.04		ppb
Cadmium	106-1	-0.36	-1.23	-1.17	-0.92		ppb
Cadmium	111-1	-0.03	-0.09	-0.09	-0.07		ppb
Calcium	43-1	2.14	0.05	-0.08	0.71	176.03	ppb
Calcium	44-1	10.80	13.77	4.98	9.85	45.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.23	0.04	-0.05	0.07	189.93	ppb
Cobalt	59-2	0.03	-0.03	-0.03	-0.01		ppb
Copper	63-2	0.48	0.08	0.06	0.21	113.96	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				102		%
Indium	115-1				98		%
Indium	115-2				101		%
Iron	54-2	56.37	0.21	0.45	19.01	170.19	ppb
Iron	56-2	42.53	0.60	0.13	14.42	168.84	ppb
Iron	57-2	34.96	-0.14	0.24	11.69	172.50	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.05	0.05	0.08	61.06	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	PB155893BL	Instrumnet Name :	P8
Client Sample ID :	PBW893	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:13:21	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.11	0.04	0.06	0.07	51.62	ppb
Lead	208-1	0.11	0.05	0.05	0.07	53.45	ppb
Lithium	6-1				92		%
Magnesium	24-2	2.59	0.08	0.30	0.99	139.92	ppb
Manganese	55-2	1.02	0.00	0.02	0.34	168.62	ppb
Molybdenum	94-1	0.05	0.04	0.02	0.04	31.03	ppb
Molybdenum	95-1	0.03	0.02	0.00	0.02	89.65	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.04	0.03	0.02	0.03	30.66	ppb
Molybdenum	98-1	0.02	0.01	0.00	0.01	69.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.14	0.09	0.05	0.09	46.34	ppb
Phosphorus	31-2	1.25	-2.58	-11.29	-4.21		ppb
Potassium	39-2	73.25	35.26	23.01	43.84	59.76	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	82-1	0.02	-0.14	-0.19	-0.10		ppb
Selenium	77-2	1.07	-0.51	-0.51	0.02	5609.03	ppb
Selenium	78-2	-0.34	-0.32	-0.24	-0.30		ppb
Silicon	28-1	-1.89	-0.95	-2.50	-1.78		ppb
Silver	107-1	0.01	0.01	0.01	0.01	23.86	ppb
Silver	109-1	0.01	0.01	0.01	0.01	5.62	ppb
Sodium	23-2	71.94	64.88	39.77	58.87	28.72	ppb
Strontium	86-1	0.03	0.00	-0.01	0.01	410.21	ppb
Strontium	88-1	0.05	0.00	0.00	0.02	155.22	ppb
Sulfur	34-1	-185.55	34.65	-351.61	-167.50		ppb
Terbium	159-1				97		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.02	0.02	0.03	33.98	ppb
Thallium	205-1	0.04	0.02	0.02	0.02	47.54	ppb
Tin	118-1	-0.04	-0.04	-0.03	-0.04		ppb
Titanium	47-1	0.00	0.00	0.01	0.00	115.26	ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	PB155893BL	Instrumnet Name :	P8
Client Sample ID :	PBW893	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:13:21	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.14	-0.02	-0.02	0.04	267.86	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				101		%
Zinc	66-2	0.96	-0.10	0.31	0.39	137.75	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	39.27	ppb
Zirconium	91-1	0.00	-0.01	0.01	0.00		ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	PB155893BS	Instrumnet Name :	P8
Client Sample ID :	LCS893	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:16:46	DataFile Name :	024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.49	31.45	33.77	33.90	7.45	ppb
Antimony	121-1	3.09	3.21	2.91	3.07	4.95	ppb
Arsenic	75-2	2.04	1.60	1.63	1.76	14.07	ppb
Barium	135-1	14.95	15.52	14.62	15.03	3.03	ppb
Barium	137-1	15.29	15.21	14.43	14.98	3.17	ppb
Beryllium	9-1	1.46	1.48	1.56	1.50	3.78	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	1.61	1.86	1.52	1.66	10.70	ppb
Cadmium	106-1	1.11	1.53	-0.12	0.84	102.05	ppb
Cadmium	111-1	1.64	1.86	1.62	1.71	7.89	ppb
Calcium	43-1	728.85	717.64	679.41	708.63	3.66	ppb
Calcium	44-1	713.40	716.30	689.65	706.45	2.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.04	3.03	2.84	2.97	3.77	ppb
Cobalt	59-2	1.54	1.54	1.54	1.54	0.15	ppb
Copper	63-2	3.41	3.33	3.40	3.38	1.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	54-2	328.35	325.65	324.92	326.31	0.55	ppb
Iron	56-2	333.51	321.23	322.36	325.70	2.08	ppb
Iron	57-2	317.59	320.91	314.20	317.57	1.06	ppb
Krypton	83-1						cps
Lead	206-1	1.45	1.52	1.42	1.46	3.74	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	PB155893BS	Instrumnet Name :	P8
Client Sample ID :	LCS893	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:16:46	DataFile Name :	024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.49	1.48	1.43	1.47	2.27	ppb
Lead	208-1	1.45	1.49	1.42	1.45	2.33	ppb
Lithium	6-1				94		%
Magnesium	24-2	820.46	805.38	808.92	811.59	0.97	ppb
Manganese	55-2	1.78	1.58	1.49	1.62	9.24	ppb
Molybdenum	94-1	8.16	8.53	7.92	8.20	3.72	ppb
Molybdenum	95-1	6.94	7.01	6.97	6.98	0.52	ppb
Molybdenum	96-1	6.95	7.22	6.90	7.03	2.45	ppb
Molybdenum	97-1	7.00	7.15	6.89	7.02	1.91	ppb
Molybdenum	98-1	6.72	7.09	6.71	6.84	3.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.42	1.56	1.61	1.53	6.47	ppb
Phosphorus	31-2	16.56	-9.08	-2.70	1.59	837.88	ppb
Potassium	39-2	810.77	796.28	786.37	797.81	1.54	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	8.13	8.96	8.21	8.43	5.40	ppb
Selenium	77-2	8.27	3.46	8.97	6.90	43.46	ppb
Selenium	78-2	8.48	7.28	7.23	7.66	9.22	ppb
Silicon	28-1	16.42	16.31	13.83	15.52	9.46	ppb
Silver	107-1	1.40	1.54	1.41	1.45	5.42	ppb
Silver	109-1	1.39	1.58	1.47	1.48	6.59	ppb
Sodium	23-2	826.62	814.29	817.25	819.39	0.79	ppb
Strontium	86-1	1.41	1.44	1.46	1.44	1.90	ppb
Strontium	88-1	1.45	1.53	1.44	1.48	3.40	ppb
Sulfur	34-1	-59.96	-73.25	-433.76	-188.99		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	1.39	1.41	1.37	1.39	1.17	ppb
Thallium	205-1	1.45	1.44	1.44	1.44	0.45	ppb
Tin	118-1	-0.02	0.03	-0.03	-0.01		ppb
Titanium	47-1	7.69	7.60	7.47	7.59	1.47	ppb
Uranium	238-1	1.33	1.33	1.28	1.32	2.18	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	PB155893BS	Instrumnet Name :	P8
Client Sample ID :	LCS893	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:16:46	DataFile Name :	024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	7.45	7.44	7.63	7.51	1.37	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	8.13	7.90	8.40	8.14	3.13	ppb
Zirconium	90-1	1.47	1.51	1.40	1.46	3.73	ppb
Zirconium	91-1	1.44	1.51	1.44	1.46	2.88	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	O4561-09	Instrumnet Name :	P8
Client Sample ID :	MEZYP6	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:20:12	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.00	12.28	9.70	11.33	12.50	ppb
Antimony	121-1	0.00	0.00	0.02	0.01	182.43	ppb
Arsenic	75-2	-0.03	-0.02	-0.03	-0.03		ppb
Barium	135-1	0.12	0.08	0.06	0.09	33.61	ppb
Barium	137-1	0.10	0.09	0.08	0.09	10.82	ppb
Beryllium	9-1	-0.03	-0.02	-0.03	-0.03		ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	-0.05	-0.12	-0.08	-0.08		ppb
Cadmium	106-1	0.17	-1.33	-1.69	-0.95		ppb
Cadmium	111-1	0.02	-0.10	-0.12	-0.07		ppb
Calcium	43-1	54.57	54.43	62.24	57.08	7.83	ppb
Calcium	44-1	66.43	59.95	76.15	67.51	12.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.00	0.12	0.04	151.82	ppb
Cobalt	59-2	-0.04	-0.02	-0.03	-0.03		ppb
Copper	63-2	0.12	0.32	0.17	0.20	52.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	54-2	8.64	8.79	9.38	8.94	4.35	ppb
Iron	56-2	8.66	8.69	8.58	8.64	0.66	ppb
Iron	57-2	8.15	8.64	7.58	8.12	6.53	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.17	0.16	0.16	4.67	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	O4561-09	Instrumnet Name :	P8
Client Sample ID :	MEZYP6	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:20:12	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.18	0.15	0.17	0.17	10.56	ppb
Lead	208-1	0.17	0.15	0.16	0.16	6.82	ppb
Lithium	6-1				92		%
Magnesium	24-2	12.73	13.39	12.28	12.80	4.38	ppb
Manganese	55-2	1.58	1.59	1.60	1.59	0.83	ppb
Molybdenum	94-1	0.08	0.05	0.17	0.10	61.83	ppb
Molybdenum	95-1	0.02	-0.01	0.11	0.04	154.46	ppb
Molybdenum	96-1	0.00	0.00	0.06	0.02	181.46	ppb
Molybdenum	97-1	0.03	0.03	0.10	0.05	78.30	ppb
Molybdenum	98-1	0.01	-0.01	0.06	0.02	159.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.07	0.03	0.03	101.28	ppb
Phosphorus	31-2	14.38	12.26	1.23	9.29	75.98	ppb
Potassium	39-2	27.42	24.61	27.12	26.38	5.84	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	-0.38	-0.11	-0.51	-0.33		ppb
Selenium	77-2	-0.51	-0.51	-0.51	-0.51		ppb
Selenium	78-2	-0.57	-1.26	-0.12	-0.65		ppb
Silicon	28-1	45.13	47.25	48.76	47.05	3.88	ppb
Silver	107-1	0.02	0.01	0.01	0.01	17.70	ppb
Silver	109-1	0.02	0.01	0.01	0.01	38.53	ppb
Sodium	23-2	32.02	31.97	31.72	31.90	0.51	ppb
Strontium	86-1	0.11	0.09	0.64	0.28	110.57	ppb
Strontium	88-1	0.16	0.12	0.57	0.29	87.88	ppb
Sulfur	34-1	272.38	-10.04	-238.83	7.84	3268.19	ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.01	-0.01	-0.01	0.00		ppb
Tin	118-1	0.21	0.20	0.20	0.20	3.23	ppb
Titanium	47-1	0.67	0.64	1.14	0.82	34.39	ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	O4561-09	Instrumnet Name :	P8
Client Sample ID :	MEZYP6	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:20:12	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	1.13	1.05	1.25	1.14	8.86	ppb
Zirconium	90-1	0.03	0.03	0.04	0.03	20.53	ppb
Zirconium	91-1	0.01	0.03	0.04	0.03	47.73	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	CCV068	Instrumnet Name :	P8
Client Sample ID :	CCV068	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:26:33	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51858.28	51096.85	50530.05	51161.72	1.30	ppb
Antimony	121-1	488.55	489.40	494.11	490.69	0.61	ppb
Arsenic	75-2	489.02	491.79	484.80	488.54	0.72	ppb
Barium	135-1	2538.70	2436.49	2585.81	2520.33	3.03	ppb
Barium	137-1	2434.02	2445.16	2557.75	2478.98	2.76	ppb
Beryllium	9-1	488.67	499.25	492.48	493.47	1.09	ppb
Bismuth	209-1				92		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Cadmium	108-1	504.32	479.24	509.67	497.74	3.26	ppb
Cadmium	106-1	496.14	478.97	521.23	498.78	4.26	ppb
Cadmium	111-1	476.42	463.51	488.09	476.01	2.58	ppb
Calcium	43-1	242050.22	250834.54	247988.89	246957.88	1.81	ppb
Calcium	44-1	241200.19	249203.55	248537.42	246313.72	1.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	472.70	468.56	470.59	470.62	0.44	ppb
Cobalt	59-2	502.71	501.30	494.41	499.47	0.89	ppb
Copper	63-2	4950.26	4852.62	4913.40	4905.43	1.01	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				97		%
Holmium	165-2				98		%
Indium	115-1				90		%
Indium	115-2				91		%
Iron	54-2	128506.60	127225.21	127848.86	127860.22	0.50	ppb
Iron	56-2	127887.26	127426.28	125667.03	126993.52	0.92	ppb
Iron	57-2	129182.91	124455.73	126732.36	126790.33	1.86	ppb
Krypton	83-1						cps
Lead	206-1	2402.72	2442.13	2389.24	2411.36	1.14	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	CCV068	Instrumnet Name :	P8
Client Sample ID :	CCV068	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:26:33	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2394.94	2449.18	2388.35	2410.83	1.38	ppb
Lead	208-1	2417.52	2442.90	2394.69	2418.37	1.00	ppb
Lithium	6-1				85		%
Magnesium	24-2	258832.09	255649.44	247083.06	253854.86	2.39	ppb
Manganese	55-2	4986.30	4915.91	4885.02	4929.08	1.05	ppb
Molybdenum	94-1	4923.41	5058.05	4836.46	4939.31	2.26	ppb
Molybdenum	95-1	4858.19	5127.45	4833.32	4939.65	3.30	ppb
Molybdenum	96-1	4835.06	4981.51	4835.61	4884.06	1.73	ppb
Molybdenum	97-1	4850.10	5063.71	4869.81	4927.88	2.40	ppb
Molybdenum	98-1	4859.43	5009.88	4862.64	4910.65	1.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	486.20	479.04	483.09	482.78	0.74	ppb
Phosphorus	31-2	9708.87	10102.00	9739.72	9850.19	2.22	ppb
Potassium	39-2	127514.42	123949.82	125806.27	125756.84	1.42	ppb
Rhodium	103-1				88		%
Rhodium	103-2				89		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	480.56	494.99	474.83	483.46	2.15	ppb
Selenium	77-2	501.24	481.46	454.82	479.18	4.86	ppb
Selenium	78-2	494.97	482.04	478.05	485.02	1.82	ppb
Silicon	28-1	507.08	526.02	526.43	519.84	2.13	ppb
Silver	107-1	491.84	480.39	502.40	491.55	2.24	ppb
Silver	109-1	502.85	473.13	493.01	489.66	3.09	ppb
Sodium	23-2	260284.84	252199.61	250586.59	254357.01	2.04	ppb
Strontium	86-1	12071.79	12707.23	12015.73	12264.92	3.13	ppb
Strontium	88-1	12220.08	12734.22	11932.54	12295.61	3.30	ppb
Sulfur	34-1	8956.26	9368.28	9452.40	9258.98	2.87	ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	490.78	497.79	498.51	495.69	0.86	ppb
Thallium	205-1	496.14	487.54	488.24	490.64	0.97	ppb
Tin	118-1	490.23	481.28	508.52	493.34	2.81	ppb
Titanium	47-1	4766.58	4806.99	4868.74	4814.10	1.07	ppb
Uranium	238-1	502.20	487.67	486.32	492.06	1.79	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	CCV068	Instrumnet Name :	P8
Client Sample ID :	CCV068	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:26:33	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	484.58	477.63	481.26	481.16	0.72	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	5016.94	4973.52	4967.96	4986.14	0.54	ppb
Zirconium	90-1	481.03	497.82	491.07	489.97	1.72	ppb
Zirconium	91-1	502.47	504.58	493.43	500.16	1.18	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	CCB068	Instrumnet Name :	P8
Client Sample ID :	CCB068	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:31:49	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.79	-0.21	2.36	0.98	132.46	ppb
Antimony	121-1	0.05	0.07	0.16	0.10	60.32	ppb
Arsenic	75-2	0.10	0.01	-0.03	0.03	258.85	ppb
Barium	135-1	0.02	-0.03	0.06	0.01	310.37	ppb
Barium	137-1	0.02	-0.01	0.07	0.03	175.92	ppb
Beryllium	9-1	0.20	-0.01	0.00	0.06	196.13	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	-0.02	-0.03	0.08	0.01	674.91	ppb
Cadmium	106-1	-2.27	-1.33	-2.23	-1.94		ppb
Cadmium	111-1	-0.16	-0.10	-0.12	-0.13		ppb
Calcium	43-1	43.02	-0.04	1.33	14.77	165.72	ppb
Calcium	44-1	45.35	5.26	3.52	18.04	131.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.05	0.02	0.02	0.00		ppb
Cobalt	59-2	0.06	-0.03	-0.03	0.00	3157.43	ppb
Copper	63-2	1.02	0.04	0.11	0.39	140.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				97		%
Iron	54-2	0.91	-0.04	2.89	1.25	119.52	ppb
Iron	56-2	8.29	0.44	3.02	3.92	102.16	ppb
Iron	57-2	19.83	0.75	2.46	7.68	137.45	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.12	0.14	0.14	13.00	ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	CCB068	Instrumnet Name :	P8
Client Sample ID :	CCB068	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:31:49	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.15	0.11	0.12	0.13	16.65	ppb
Lead	208-1	0.16	0.11	0.12	0.13	19.21	ppb
Lithium	6-1				91		%
Magnesium	24-2	5.34	1.32	20.09	8.91	110.83	ppb
Manganese	55-2	-0.01	0.02	0.15	0.05	154.58	ppb
Molybdenum	94-1	0.28	0.14	1.52	0.65	116.59	ppb
Molybdenum	95-1	0.23	0.17	1.28	0.56	111.93	ppb
Molybdenum	96-1	0.22	0.17	1.05	0.48	102.84	ppb
Molybdenum	97-1	0.22	0.15	0.97	0.45	102.09	ppb
Molybdenum	98-1	0.21	0.14	0.78	0.38	92.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	-0.05	-0.05	-0.02		ppb
Phosphorus	31-2	-6.09	-18.32	-4.32	-9.58		ppb
Potassium	39-2	50.65	51.79	56.47	52.97	5.82	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	-0.48	-0.24	0.25	-0.16		ppb
Selenium	77-2	-0.51	0.28	0.28	0.02	2510.62	ppb
Selenium	78-2	-0.10	-0.56	-1.03	-0.56		ppb
Silicon	28-1	1.71	-1.56	-1.91	-0.59		ppb
Silver	107-1	0.02	0.02	0.07	0.04	78.85	ppb
Silver	109-1	0.03	0.01	0.05	0.03	57.12	ppb
Sodium	23-2	93.26	92.20	116.32	100.60	13.55	ppb
Strontium	86-1	0.71	0.08	5.53	2.11	141.41	ppb
Strontium	88-1	0.55	0.11	6.27	2.31	148.93	ppb
Sulfur	34-1	143.72	-479.51	-444.62	-260.13		ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	0.00	0.01	0.01	0.01	74.35	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	32.10	ppb
Tin	118-1	0.01	-0.02	0.00	0.00		ppb
Titanium	47-1	0.55	0.06	0.08	0.23	122.04	ppb
Uranium	238-1	-0.02	-0.03	-0.03	-0.03		ppb

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	CCB068	Instrumnet Name :	P8
Client Sample ID :	CCB068	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:31:49	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	-0.02	-0.02	0.00	-0.01		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				96		%
Zinc	66-2	1.33	0.20	0.71	0.75	75.50	ppb
Zirconium	90-1	0.03	0.01	0.24	0.09	136.62	ppb
Zirconium	91-1	0.03	0.02	0.15	0.07	108.21	ppb

LB Number : LB127737 Operator : Jaswal
 Lab Sample ID : TUNE Instrumnet Name : P8
 Client Sample ID : TUNE Dilution Factor : 1
 Date & Time Acquired : 2023-10-11 10:07:40 DataFile Name : 001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	223	123	127	158	36.01	cps
Antimony	121-1	680	637	567	628	9.11	cps
Arsenic	75-2	37	27	20	28	30.20	cps
Barium	135-1	343	287	223	284	21.10	cps
Barium	137-1	597	520	350	489	25.82	cps
Beryllium	9-1	340	341	220	300	23.18	cps
Bismuth	209-1	7082693	6818978	6934564	6945412	1.90	cps
Bismuth	209-2	3711280	3806683	3846914	3788292	1.84	cps
Bromine	81-1	2747	2824	2717	2763	1.99	cps
Cadmium	108-1	23	37	13	24	47.91	cps
Cadmium	106-1	3797	3457	3330	3528	6.84	cps
Cadmium	111-1	2822	2541	2475	2613	7.04	cps
Calcium	43-1	200	150	177	176	14.25	cps
Calcium	44-1	49111	49074	48686	48957	0.48	cps
Carbon	12-1	2184460	2153545	2146516	2161507	0.93	cps
Carbon	12-2	28294	27836	27947	28026	0.85	cps
Chlorine	35-1	95502	95798	95083	95461	0.38	cps
Chlorine	35-2	840	753	677	757	10.80	cps
Chromium	52-2	1887	1907	1880	1891	0.73	cps
Cobalt	59-2	610	773	940	774	21.31	cps
Copper	63-2	790	1003	1113	969	16.97	cps
Dysprosium	156-1	17	13	10	13	25.01	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	73	73	77	74	2.59	cps
Erbium	164-2	37	27	30	31	16.37	cps
Gadolinium	160-1	77	90	83	83	8.00	cps
Gadolinium	160-2	90	113	127	110	16.87	cps
Holmium	165-1	10537615	9779408	10058480	10125168	3.79	cps
Holmium	165-2	4714416	4765250	4865921	4781862	1.61	cps
Indium	115-1	8176132	7584420	7808851	7856468	3.80	cps
Indium	115-2	1208269	1206469	1274192	1229643	3.14	cps
Iron	54-2	657	647	637	647	1.55	cps
Iron	56-2	7078	7352	7038	7156	2.38	cps
Iron	57-2	183	220	217	207	9.81	cps
Krypton	83-1	200	167	220	196	13.78	cps
Lead	206-1	1237	1737	947	1307	30.60	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 10:07:40	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1073	1677	803	1185	37.77	cps
Lead	208-1	5034	6917	3820	5257	29.68	cps
Lithium	6-1	2100505	2080400	2079784	2086896	0.56	cps
Magnesium	24-2	170	160	190	173	8.81	cps
Manganese	55-2	227	217	227	223	2.59	cps
Molybdenum	94-1	803	733	700	746	7.07	cps
Molybdenum	95-1	1160	1010	960	1043	9.98	cps
Molybdenum	96-1	1410	1400	1250	1353	6.62	cps
Molybdenum	97-1	683	637	623	648	4.86	cps
Molybdenum	98-1	1893	1780	1470	1715	12.78	cps
Neodymium	150-1	23	17	10	17	39.99	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	217	277	427	307	35.27	cps
Phosphorus	31-2	97	60	103	87	26.92	cps
Potassium	39-2	9753	9543	9346	9548	2.13	cps
Rhodium	103-1	8295685	7888563	8015134	8066461	2.58	cps
Rhodium	103-2	3861801	3846381	3939601	3882595	1.29	cps
Scandium	45-1	5669097	5350130	5255003	5424743	4.00	cps
Scandium	45-2	193152	190803	203493	195816	3.45	cps
Selenium	82-1	-30	57	-27	0	1473095.38	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	10	17	7	11	45.82	cps
Silicon	28-1	191547	193482	190686	191905	0.75	cps
Silver	107-1	60	80	80	73	15.75	cps
Silver	109-1	17	23	47	29	54.53	cps
Sodium	23-2	60853	60886	60588	60776	0.27	cps
Strontium	86-1	393	383	390	389	1.31	cps
Strontium	88-1	627	567	660	618	7.66	cps
Sulfur	34-1	297863	299306	298245	298471	0.25	cps
Terbium	159-1	10964884	10353802	10263937	10527541	3.62	cps
Terbium	159-2	4746597	4678475	4785138	4736737	1.14	cps
Thallium	203-1	810	1274	680	921	33.89	cps
Thallium	205-1	1977	3163	1510	2217	38.44	cps
Tin	118-1	1790	1630	1493	1638	9.07	cps
Titanium	47-1	107	107	140	118	16.34	cps
Uranium	238-1	4234	5743	3017	4331	31.52	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 10:07:40	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	123	140	157	140	11.90	cps
Ytterbium	172-1	67	37	57	53	28.64	cps
Ytterbium	172-2	23	73	30	42	64.30	cps
Ytterbium	176-1	1670	1400	1333	1468	12.15	cps
Ytterbium	176-2	8046	8369	8153	8189	2.01	cps
Yttrium	89-1	11674043	11247259	11310942	11410748	2.02	cps
Yttrium	89-2	1266988	1262494	1353901	1294461	3.98	cps
Zinc	66-2	2300	2454	2627	2460	6.64	cps
Zirconium	90-1	610	510	503	541	11.04	cps
Zirconium	91-1	93	67	83	81	16.60	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 10:45:19	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73	140	103	106	31.63	cps
Antimony	121-1	223	160	220	201	17.72	cps
Arsenic	75-2	3	20	0	8	137.80	cps
Barium	135-1	153	137	83	124	29.39	cps
Barium	137-1	250	163	203	206	21.10	cps
Beryllium	9-1	119	125	129	124	4.07	cps
Bismuth	209-1	6857403	7015772	6749125	6874100	1.95	cps
Bismuth	209-2	3801617	3808970	3746800	3785795	0.90	cps
Bromine	81-1	3000	3184	3190	3125	3.45	cps
Cadmium	108-1	10	17	27	18	47.19	cps
Cadmium	106-1	2864	3030	2974	2956	2.87	cps
Cadmium	111-1	2064	2163	2093	2107	2.41	cps
Calcium	43-1	220	197	190	202	7.79	cps
Calcium	44-1	49967	48783	49907	49552	1.35	cps
Carbon	12-1	2219323	2256044	2248495	2241287	0.87	cps
Carbon	12-2	29055	28518	28999	28857	1.02	cps
Chlorine	35-1	78371	76849	77124	77448	1.05	cps
Chlorine	35-2	593	697	633	641	8.13	cps
Chromium	52-2	1730	1837	1887	1818	4.40	cps
Cobalt	59-2	297	273	260	277	6.71	cps
Copper	63-2	660	830	703	731	12.08	cps
Dysprosium	156-1	20	13	10	14	35.26	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	77	40	80	66	33.86	cps
Erbium	164-2	47	17	30	31	48.31	cps
Gadolinium	160-1	70	80	73	74	6.84	cps
Gadolinium	160-2	113	130	113	119	8.09	cps
Holmium	165-1	10222306	10005329	9899871	10042502	1.64	cps
Holmium	165-2	4612102	4764936	4780803	4719281	1.97	cps
Indium	115-1	8051751	7996322	7980012	8009362	0.47	cps
Indium	115-2	1216830	1233896	1210204	1220310	1.00	cps
Iron	54-2	520	460	537	506	7.98	cps
Iron	56-2	4717	4301	4594	4537	4.72	cps
Iron	57-2	137	190	147	158	17.97	cps
Krypton	83-1	197	147	210	184	18.10	cps
Lead	206-1	427	430	470	442	5.45	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 10:45:19	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	407	417	403	409	1.70	cps
Lead	208-1	1853	1963	1857	1891	3.31	cps
Lithium	6-1	2177399	2152547	2123490	2151145	1.25	cps
Magnesium	24-2	143	150	180	158	12.38	cps
Manganese	55-2	147	147	107	133	17.32	cps
Molybdenum	94-1	247	213	243	234	7.83	cps
Molybdenum	95-1	220	183	163	189	15.21	cps
Molybdenum	96-1	317	287	337	313	8.03	cps
Molybdenum	97-1	63	87	80	77	15.68	cps
Molybdenum	98-1	303	293	337	311	7.29	cps
Neodymium	150-1	10	13	10	11	17.30	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	130	127	137	131	3.88	cps
Phosphorus	31-2	50	60	60	57	10.19	cps
Potassium	39-2	9753	9577	10060	9797	2.50	cps
Rhodium	103-1	8009782	7989205	7862998	7953995	1.00	cps
Rhodium	103-2	3901515	3917740	3862326	3893861	0.73	cps
Scandium	45-1	5613351	5550518	5367603	5510491	2.32	cps
Scandium	45-2	199443	199903	196516	198621	0.93	cps
Selenium	82-1	23	37	-37	8	502.05	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	20	33	3	19	79.59	cps
Silicon	28-1	198141	197612	196522	197425	0.42	cps
Silver	107-1	60	30	73	54	40.76	cps
Silver	109-1	20	23	23	22	8.65	cps
Sodium	23-2	58246	58212	57847	58102	0.38	cps
Strontium	86-1	430	353	400	394	9.79	cps
Strontium	88-1	620	650	563	611	7.20	cps
Sulfur	34-1	315345	312374	311762	313160	0.61	cps
Terbium	159-1	10706950	10221652	10145967	10358190	2.94	cps
Terbium	159-2	4696669	4733732	4700063	4710155	0.43	cps
Thallium	203-1	313	297	297	302	3.18	cps
Thallium	205-1	657	657	650	654	0.59	cps
Tin	118-1	870	803	837	837	3.98	cps
Titanium	47-1	97	140	127	121	18.32	cps
Uranium	238-1	1427	1370	1373	1390	2.29	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 10:45:19	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	53	50	70	58	18.55	cps
Ytterbium	172-1	60	53	90	68	28.82	cps
Ytterbium	172-2	37	33	30	33	10.01	cps
Ytterbium	176-1	1157	1153	1207	1172	2.55	cps
Ytterbium	176-2	8473	8530	8736	8580	1.62	cps
Yttrium	89-1	11511152	11678944	11709404	11633166	0.92	cps
Yttrium	89-2	1299279	1312089	1284554	1298641	1.06	cps
Zinc	66-2	2330	2417	2424	2390	2.18	cps
Zirconium	90-1	500	503	463	489	4.54	cps
Zirconium	91-1	83	107	123	104	19.24	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 10:48:44	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1450	1560	1557	1522	4.11	cps
Antimony	121-1	13450	13867	14301	13873	3.07	cps
Arsenic	75-2	170	170	267	202	27.60	cps
Barium	135-1	15352	15152	15042	15182	1.04	cps
Barium	137-1	27007	26820	27101	26976	0.53	cps
Beryllium	9-1	1744	1702	1705	1717	1.35	cps
Bismuth	209-1	6761145	6895710	6706323	6787726	1.44	cps
Bismuth	209-2	3733455	3796591	3734441	3754829	0.96	cps
Bromine	81-1	2824	2714	2640	2726	3.39	cps
Cadmium	108-1	133	153	143	143	6.98	cps
Cadmium	106-1	3187	3097	3007	3097	2.91	cps
Cadmium	111-1	3964	3877	3785	3876	2.32	cps
Calcium	43-1	11388	11658	10984	11343	2.99	cps
Calcium	44-1	227625	230351	231312	229763	0.83	cps
Carbon	12-1	2250717	2288545	2342240	2293834	2.00	cps
Carbon	12-2	29266	29613	30321	29733	1.81	cps
Chlorine	35-1	95908	96230	96324	96154	0.23	cps
Chlorine	35-2	897	897	763	852	9.03	cps
Chromium	52-2	6718	6838	6955	6837	1.73	cps
Cobalt	59-2	4531	4751	4671	4651	2.40	cps
Copper	63-2	8052	8019	7792	7955	1.78	cps
Dysprosium	156-1	17	27	10	18	47.19	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	80	53	77	70	20.76	cps
Erbium	164-2	27	40	37	34	20.14	cps
Gadolinium	160-1	57	60	77	64	16.63	cps
Gadolinium	160-2	87	73	97	86	13.69	cps
Holmium	165-1	10071171	10052475	10235585	10119744	1.00	cps
Holmium	165-2	4882637	4701375	4785126	4789713	1.89	cps
Indium	115-1	8016908	7966774	7993417	7992367	0.31	cps
Indium	115-2	1237060	1226695	1239285	1234346	0.54	cps
Iron	54-2	6175	5975	5988	6046	1.85	cps
Iron	56-2	102449	101162	103462	102358	1.13	cps
Iron	57-2	2697	2674	2500	2624	4.10	cps
Krypton	83-1	243	257	203	234	11.84	cps
Lead	206-1	6068	6422	6495	6328	3.61	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 10:48:44	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5515	5655	5358	5509	2.70	cps
Lead	208-1	24696	25367	25387	25150	1.56	cps
Lithium	6-1	2142260	2263444	2133422	2179709	3.33	cps
Magnesium	24-2	88004	87594	89003	88200	0.82	cps
Manganese	55-2	1497	1377	1380	1418	4.82	cps
Molybdenum	94-1	15482	15372	15402	15419	0.37	cps
Molybdenum	95-1	19006	18489	19257	18917	2.07	cps
Molybdenum	96-1	21210	21140	21333	21227	0.46	cps
Molybdenum	97-1	11882	11321	11798	11667	2.59	cps
Molybdenum	98-1	30200	30200	29799	30066	0.77	cps
Neodymium	150-1	7	10	13	10	33.30	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1467	1420	1420	1436	1.88	cps
Phosphorus	31-2	170	117	163	150	19.37	cps
Potassium	39-2	68552	69376	67447	68458	1.41	cps
Rhodium	103-1	7973425	8066021	7972799	8004081	0.67	cps
Rhodium	103-2	3868978	3921381	3979525	3923295	1.41	cps
Scandium	45-1	5469467	5586517	5529704	5528563	1.06	cps
Scandium	45-2	199090	201884	199942	200305	0.71	cps
Selenium	82-1	470	557	510	512	8.47	cps
Selenium	77-2	17	50	27	31	54.97	cps
Selenium	78-2	47	87	67	67	30.00	cps
Silicon	28-1	276221	277521	280464	278069	0.78	cps
Silver	107-1	7996	9006	9123	8708	7.12	cps
Silver	109-1	8146	8609	9166	8641	5.91	cps
Sodium	23-2	214880	218032	216056	216323	0.74	cps
Strontium	86-1	2540	2544	2577	2554	0.79	cps
Strontium	88-1	20322	19801	20095	20072	1.30	cps
Sulfur	34-1	316348	318491	317790	317543	0.34	cps
Terbium	159-1	10088125	10338480	10538481	10321695	2.19	cps
Terbium	159-2	4801489	4772784	4815577	4796616	0.45	cps
Thallium	203-1	7396	6932	7022	7116	3.45	cps
Thallium	205-1	17535	17479	17839	17618	1.10	cps
Tin	118-1	29225	29278	29535	29346	0.57	cps
Titanium	47-1	5484	5931	5524	5647	4.38	cps
Uranium	238-1	24590	25222	24914	24909	1.27	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 10:48:44	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	9366	9597	9660	9541	1.62	cps
Ytterbium	172-1	73	50	50	58	23.31	cps
Ytterbium	172-2	27	30	40	32	21.53	cps
Ytterbium	176-1	1267	1210	1443	1307	9.31	cps
Ytterbium	176-2	8436	8753	8179	8456	3.40	cps
Yttrium	89-1	11397880	11502566	11481612	11460686	0.48	cps
Yttrium	89-2	1313777	1294727	1304536	1304347	0.73	cps
Zinc	66-2	3307	3210	3257	3258	1.48	cps
Zirconium	90-1	12272	12746	12372	12463	2.00	cps
Zirconium	91-1	2737	2790	2810	2779	1.36	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 10:52:10	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	72962	71676	73196	72611	1.13	cps
Antimony	121-1	397519	394814	392792	395042	0.60	cps
Arsenic	75-2	11538	11351	11251	11380	1.28	cps
Barium	135-1	454205	456117	452600	454307	0.39	cps
Barium	137-1	790580	787846	792644	790357	0.30	cps
Beryllium	9-1	88649	89459	89011	89040	0.46	cps
Bismuth	209-1	6672139	6760090	6766227	6732819	0.78	cps
Bismuth	209-2	3749382	3670083	3819732	3746399	2.00	cps
Bromine	81-1	2700	2750	2757	2736	1.13	cps
Cadmium	108-1	8096	8132	8069	8099	0.39	cps
Cadmium	106-1	14181	13677	14057	13972	1.88	cps
Cadmium	111-1	106134	105275	104807	105405	0.64	cps
Calcium	43-1	155689	153190	150469	153116	1.71	cps
Calcium	44-1	2515049	2487363	2505444	2502619	0.56	cps
Carbon	12-1	2363078	2420580	2421076	2401578	1.39	cps
Carbon	12-2	31059	31190	31497	31249	0.72	cps
Chlorine	35-1	103366	102543	103728	103212	0.59	cps
Chlorine	35-2	803	893	950	882	8.38	cps
Chromium	52-2	138500	137572	136747	137606	0.64	cps
Cobalt	59-2	246669	248424	249455	248183	0.57	cps
Copper	63-2	2078986	2034123	2049248	2054119	1.11	cps
Dysprosium	156-1	40	23	47	37	32.79	cps
Dysprosium	156-2	13	23	20	19	26.96	cps
Erbium	164-1	93	90	100	94	5.39	cps
Erbium	164-2	33	10	70	38	80.07	cps
Gadolinium	160-1	90	120	107	106	14.24	cps
Gadolinium	160-2	97	97	103	99	3.89	cps
Holmium	165-1	10179788	10272959	10035155	10162634	1.18	cps
Holmium	165-2	4683476	4765841	4815641	4754986	1.40	cps
Indium	115-1	7901405	8035036	7905430	7947290	0.96	cps
Indium	115-2	1218748	1205959	1247421	1224043	1.73	cps
Iron	54-2	312066	314591	314472	313710	0.45	cps
Iron	56-2	5630961	5619521	5599542	5616675	0.28	cps
Iron	57-2	138893	136446	138650	137996	0.98	cps
Krypton	83-1	207	177	160	181	13.06	cps
Lead	206-1	1834706	1836188	1830857	1833917	0.15	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 10:52:10	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1503156	1525541	1518424	1515707	0.75	cps
Lead	208-1	7139615	7289963	7323309	7250962	1.35	cps
Lithium	6-1	2090280	2154623	2116228	2120377	1.53	cps
Magnesium	24-2	1090700	1054488	1048318	1064502	2.15	cps
Manganese	55-2	676898	664568	666482	669316	0.99	cps
Molybdenum	94-1	1610200	1623160	1615277	1616213	0.40	cps
Molybdenum	95-1	2362178	2353999	2355160	2357112	0.19	cps
Molybdenum	96-1	2539882	2573028	2594232	2569047	1.07	cps
Molybdenum	97-1	1432447	1451923	1448338	1444236	0.72	cps
Molybdenum	98-1	3688308	3747719	3710707	3715578	0.81	cps
Neodymium	150-1	27	40	13	27	50.01	cps
Neodymium	150-2	17	10	3	10	66.70	cps
Nickel	60-2	68072	69110	69241	68808	0.93	cps
Phosphorus	31-2	3530	3594	3560	3562	0.89	cps
Potassium	39-2	357685	350113	355294	354364	1.09	cps
Rhodium	103-1	8086858	8199213	8141098	8142390	0.69	cps
Rhodium	103-2	3784579	3904876	3895179	3861545	1.73	cps
Scandium	45-1	5601702	5583864	5556314	5580627	0.41	cps
Scandium	45-2	196652	194687	200050	197130	1.38	cps
Selenium	82-1	6885	6845	6782	6837	0.76	cps
Selenium	77-2	263	207	190	220	17.47	cps
Selenium	78-2	760	837	747	781	6.22	cps
Silicon	28-1	565038	567871	570497	567802	0.48	cps
Silver	107-1	539151	536428	535130	536903	0.38	cps
Silver	109-1	510130	511245	514392	511922	0.43	cps
Sodium	23-2	1930785	1952789	1988203	1957259	1.48	cps
Strontium	86-1	3420357	3446481	3428296	3431712	0.39	cps
Strontium	88-1	29568574	29599896	29188898	29452456	0.78	cps
Sulfur	34-1	359048	357808	356893	357917	0.30	cps
Terbium	159-1	10365117	10252659	10546405	10388060	1.43	cps
Terbium	159-2	4747911	4667508	4755795	4723738	1.03	cps
Thallium	203-1	409498	415173	411951	412207	0.69	cps
Thallium	205-1	997622	979054	999038	991905	1.12	cps
Tin	118-1	337468	339318	339405	338730	0.32	cps
Titanium	47-1	636421	630896	634930	634082	0.45	cps
Uranium	238-1	1413497	1416149	1415895	1415180	0.10	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 10:52:10	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	104760	105112	105811	105228	0.51	cps
Ytterbium	172-1	50	87	63	67	27.84	cps
Ytterbium	172-2	40	23	27	30	29.40	cps
Ytterbium	176-1	3154	2937	3020	3037	3.60	cps
Ytterbium	176-2	9123	9340	9564	9342	2.36	cps
Yttrium	89-1	11397371	11763827	11418620	11526606	1.78	cps
Yttrium	89-2	1285090	1277177	1340988	1301085	2.67	cps
Zinc	66-2	220901	222222	221739	221621	0.30	cps
Zirconium	90-1	739262	726131	733334	732909	0.90	cps
Zirconium	91-1	162033	162904	163031	162656	0.33	cps

LB Number : LB127737 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P8
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired : 2023-10-11 10:55:22 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	177321	175677	172285	175095	1.47	cps
Antimony	121-1	998736	998914	1006358	1001336	0.43	cps
Arsenic	75-2	28011	28135	27934	28027	0.36	cps
Barium	135-1	1130361	1135319	1128131	1131271	0.33	cps
Barium	137-1	2047852	2048237	2084638	2060242	1.03	cps
Beryllium	9-1	216268	217126	216519	216638	0.20	cps
Bismuth	209-1	6781726	6661116	7046712	6829851	2.89	cps
Bismuth	209-2	3737949	3670083	3649287	3685773	1.26	cps
Bromine	81-1	2817	2537	2700	2685	5.24	cps
Cadmium	108-1	19868	20833	20128	20276	2.46	cps
Cadmium	106-1	30267	30541	30905	30571	1.05	cps
Cadmium	111-1	260083	259716	259544	259781	0.11	cps
Calcium	43-1	377871	379200	370266	375779	1.28	cps
Calcium	44-1	5934521	6059300	5965071	5986297	1.09	cps
Carbon	12-1	2366745	2448431	2471227	2428801	2.26	cps
Carbon	12-2	32202	31170	32356	31909	2.02	cps
Chlorine	35-1	99707	101352	100003	100354	0.87	cps
Chlorine	35-2	727	827	807	787	6.73	cps
Chromium	52-2	335703	334418	333821	334648	0.29	cps
Cobalt	59-2	610354	602243	602617	605072	0.76	cps
Copper	63-2	5038221	4963906	4985173	4995766	0.77	cps
Dysprosium	156-1	93	67	77	79	17.07	cps
Dysprosium	156-2	33	17	30	27	33.06	cps
Erbium	164-1	117	103	103	108	7.15	cps
Erbium	164-2	30	20	37	29	29.04	cps
Gadolinium	160-1	140	110	157	136	17.45	cps
Gadolinium	160-2	153	123	100	126	21.30	cps
Holmium	165-1	9929605	10224528	10478292	10210809	2.69	cps
Holmium	165-2	4770145	4779048	4722599	4757264	0.64	cps
Indium	115-1	7762685	7861540	7862632	7828952	0.73	cps
Indium	115-2	1197958	1189450	1186312	1191240	0.51	cps
Iron	54-2	769317	755291	762293	762300	0.92	cps
Iron	56-2	13701369	13778784	13560943	13680365	0.81	cps
Iron	57-2	342168	334742	335871	337593	1.19	cps
Krypton	83-1	243	230	213	229	6.57	cps
Lead	206-1	4636513	4694960	4627227	4652900	0.79	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 10:55:22	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4048336	4039524	4051176	4046345	0.15	cps
Lead	208-1	18691520	18538084	18497215	18575606	0.55	cps
Lithium	6-1	2074943	2067222	2136386	2092850	1.81	cps
Magnesium	24-2	2631851	2618138	2566753	2605581	1.32	cps
Manganese	55-2	1756394	1707646	1675123	1713054	2.39	cps
Molybdenum	94-1	3924287	4013204	4003272	3980255	1.22	cps
Molybdenum	95-1	5857522	5762611	5707990	5776041	1.31	cps
Molybdenum	96-1	6320911	6390624	6129094	6280210	2.16	cps
Molybdenum	97-1	3677418	3636382	3612573	3642125	0.90	cps
Molybdenum	98-1	9253254	9152789	9147610	9184551	0.65	cps
Neodymium	150-1	63	90	70	74	18.64	cps
Neodymium	150-2	3	10	10	8	49.52	cps
Nickel	60-2	168647	167214	167599	167820	0.44	cps
Phosphorus	31-2	8342	8306	8913	8520	3.99	cps
Potassium	39-2	855598	848316	849099	851004	0.47	cps
Rhodium	103-1	7661384	7883714	8100222	7881773	2.78	cps
Rhodium	103-2	3769229	3815944	3783424	3789532	0.63	cps
Scandium	45-1	5189741	5329752	5608200	5375898	3.96	cps
Scandium	45-2	191804	189851	189556	190403	0.64	cps
Selenium	82-1	17194	17508	16914	17205	1.73	cps
Selenium	77-2	583	627	577	596	4.56	cps
Selenium	78-2	1890	1833	1937	1887	2.74	cps
Silicon	28-1	1061161	877608	889222	942664	10.90	cps
Silver	107-1	1317640	1331292	1335507	1328146	0.70	cps
Silver	109-1	1272855	1279606	1283816	1278759	0.43	cps
Sodium	23-2	4616022	4715964	4522381	4618122	2.10	cps
Strontium	86-1	8508926	8578778	8329978	8472561	1.51	cps
Strontium	88-1	74197486	73924039	73419736	73847087	0.53	cps
Sulfur	34-1	409598	408996	405496	408030	0.54	cps
Terbium	159-1	10085659	10405280	10565117	10352019	2.36	cps
Terbium	159-2	4805503	4700866	4701450	4735940	1.27	cps
Thallium	203-1	1057788	1054396	1048031	1053405	0.47	cps
Thallium	205-1	2659184	2659027	2643179	2653797	0.35	cps
Tin	118-1	847321	851707	840248	846425	0.68	cps
Titanium	47-1	1590922	1597698	1592888	1593836	0.22	cps
Uranium	238-1	3912889	3838714	3896268	3882624	1.00	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 10:55:22	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	261300	260787	258928	260338	0.48	cps
Ytterbium	172-1	57	87	80	74	21.16	cps
Ytterbium	172-2	53	30	43	42	27.72	cps
Ytterbium	176-1	5461	5608	5485	5518	1.43	cps
Ytterbium	176-2	10324	10591	10207	10374	1.90	cps
Yttrium	89-1	11258920	11374362	11722890	11452057	2.11	cps
Yttrium	89-2	1264255	1256061	1250520	1256945	0.55	cps
Zinc	66-2	548334	533237	534470	538680	1.56	cps
Zirconium	90-1	1927998	1912740	1889836	1910191	1.01	cps
Zirconium	91-1	405328	409463	405398	406729	0.58	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 10:58:28	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	330485	334432	323118	329345	1.74	cps
Antimony	121-1	2000345	2030312	2014113	2014923	0.74	cps
Arsenic	75-2	52618	52758	50905	52094	1.98	cps
Barium	135-1	2311933	2312658	2324077	2316223	0.29	cps
Barium	137-1	4031432	4101381	3969618	4034143	1.63	cps
Beryllium	9-1	415223	414530	414999	414917	0.09	cps
Bismuth	209-1	6981745	6892524	6705267	6859846	2.06	cps
Bismuth	209-2	3106554	3416595	3493568	3338905	6.14	cps
Bromine	81-1	2634	2597	2754	2661	3.08	cps
Cadmium	108-1	38657	38948	39115	38907	0.60	cps
Cadmium	106-1	55859	55612	55712	55728	0.22	cps
Cadmium	111-1	505982	504772	500165	503640	0.61	cps
Calcium	43-1	728387	728860	718604	725284	0.80	cps
Calcium	44-1	11491661	11312835	11408771	11404422	0.78	cps
Carbon	12-1	2395083	2400039	2396628	2397250	0.11	cps
Carbon	12-2	32663	33244	32643	32850	1.04	cps
Chlorine	35-1	98328	96992	97086	97469	0.76	cps
Chlorine	35-2	803	823	693	773	9.05	cps
Chromium	52-2	636358	629455	620456	628756	1.27	cps
Cobalt	59-2	1142544	1136255	1141785	1140195	0.30	cps
Copper	63-2	9534115	9273690	9205143	9337650	1.86	cps
Dysprosium	156-1	120	117	107	114	6.06	cps
Dysprosium	156-2	77	60	37	58	34.77	cps
Erbium	164-1	77	110	73	87	23.40	cps
Erbium	164-2	37	47	30	38	22.21	cps
Gadolinium	160-1	200	207	197	201	2.53	cps
Gadolinium	160-2	97	177	173	149	30.40	cps
Holmium	165-1	10325138	10056350	10166069	10182519	1.33	cps
Holmium	165-2	3937630	4303700	4456996	4232775	6.30	cps
Indium	115-1	7771525	7511143	7591367	7624678	1.75	cps
Indium	115-2	977962	1068326	1092473	1046254	5.77	cps
Iron	54-2	1503145	1507116	1465181	1491814	1.55	cps
Iron	56-2	26652540	26259379	25447088	26119669	2.35	cps
Iron	57-2	644608	642793	635699	641033	0.73	cps
Krypton	83-1	177	187	173	179	3.88	cps
Lead	206-1	9173147	9097446	9054619	9108404	0.66	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 10:58:28	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	7824329	7896670	8051058	7924019	1.46	cps
Lead	208-1	36371256	36624289	36713052	36569532	0.48	cps
Lithium	6-1	2032145	2012175	1947154	1997158	2.23	cps
Magnesium	24-2	5001218	4869696	4864190	4911701	1.58	cps
Manganese	55-2	3297059	3239141	3140319	3225506	2.46	cps
Molybdenum	94-1	7783194	7724154	7703417	7736921	0.54	cps
Molybdenum	95-1	11424028	11250661	11247226	11307305	0.89	cps
Molybdenum	96-1	12395441	12379930	12245258	12340210	0.67	cps
Molybdenum	97-1	6981448	7035794	6924452	6980565	0.80	cps
Molybdenum	98-1	17942347	17756180	17828984	17842504	0.53	cps
Neodymium	150-1	83	107	103	98	12.91	cps
Neodymium	150-2	7	17	13	12	41.65	cps
Nickel	60-2	310172	313420	310297	311296	0.59	cps
Phosphorus	31-2	16066	15542	15612	15740	1.81	cps
Potassium	39-2	1670783	1626718	1654994	1650832	1.35	cps
Rhodium	103-1	7805578	7620161	7525080	7650273	1.86	cps
Rhodium	103-2	3203486	3386863	3522860	3371069	4.75	cps
Scandium	45-1	5299774	5205025	5138725	5214508	1.55	cps
Scandium	45-2	161082	173080	176599	170254	4.78	cps
Selenium	82-1	32595	33023	32639	32752	0.72	cps
Selenium	77-2	1070	997	1130	1066	6.27	cps
Selenium	78-2	3444	3457	3580	3494	2.16	cps
Silicon	28-1	1515490	1524464	1462846	1500933	2.22	cps
Silver	107-1	2706034	2677758	2686513	2690101	0.54	cps
Silver	109-1	2569654	2558947	2599207	2575936	0.81	cps
Sodium	23-2	8785191	8730790	8644729	8720237	0.81	cps
Strontium	86-1	16732649	16237373	16754753	16574925	1.76	cps
Strontium	88-1	143669861	143385551	142747805	143267739	0.33	cps
Sulfur	34-1	490842	490838	477916	486532	1.53	cps
Terbium	159-1	10532660	10355089	10525063	10470937	0.96	cps
Terbium	159-2	3995048	4332720	4414857	4247542	5.24	cps
Thallium	203-1	2214271	2169779	2180030	2188027	1.06	cps
Thallium	205-1	5260738	5199672	5255174	5238528	0.64	cps
Tin	118-1	1682326	1722229	1735031	1713195	1.60	cps
Titanium	47-1	3060724	3036085	3081581	3059463	0.74	cps
Uranium	238-1	7603538	7521556	7688521	7604538	1.10	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 10:58:28	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	497233	493821	490704	493919	0.66	cps
Ytterbium	172-1	110	123	113	116	6.01	cps
Ytterbium	172-2	53	50	47	50	6.66	cps
Ytterbium	176-1	9687	10187	9941	9938	2.52	cps
Ytterbium	176-2	10578	11765	12082	11475	6.91	cps
Yttrium	89-1	11455149	11344921	11070519	11290197	1.75	cps
Yttrium	89-2	1036669	1144213	1162271	1114385	6.09	cps
Zinc	66-2	1014429	1009161	1004885	1009492	0.47	cps
Zirconium	90-1	3741584	3719954	3630543	3697360	1.59	cps
Zirconium	91-1	791073	787466	784681	787740	0.41	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 11:01:30	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	630623	622389	629639	627551	0.72	cps
Antimony	121-1	3879270	3858213	3778513	3838665	1.38	cps
Arsenic	75-2	100630	100012	101899	100847	0.95	cps
Barium	135-1	4381940	4355892	4291696	4343176	1.07	cps
Barium	137-1	7687769	7651427	7536804	7625333	1.03	cps
Beryllium	9-1	790383	785465	791482	789110	0.41	cps
Bismuth	209-1	6744044	6678120	6564839	6662334	1.36	cps
Bismuth	209-2	3558378	3472102	3414663	3481714	2.08	cps
Bromine	81-1	2317	2307	2464	2362	3.71	cps
Cadmium	108-1	73357	74815	73857	74010	1.00	cps
Cadmium	106-1	103506	103619	102898	103341	0.38	cps
Cadmium	111-1	933597	962730	958297	951542	1.65	cps
Calcium	43-1	1442942	1457001	1466575	1455506	0.82	cps
Calcium	44-1	21084111	21429082	21462226	21325140	0.98	cps
Carbon	12-1	2581936	2731655	2740203	2684598	3.32	cps
Carbon	12-2	36646	37521	37909	37359	1.73	cps
Chlorine	35-1	92899	93667	93932	93499	0.57	cps
Chlorine	35-2	743	673	737	718	5.38	cps
Chromium	52-2	1206173	1202881	1194139	1201064	0.52	cps
Cobalt	59-2	2280195	2260142	2233448	2257928	1.04	cps
Copper	63-2	17889472	17883842	17730120	17834478	0.51	cps
Dysprosium	156-1	273	250	287	270	6.87	cps
Dysprosium	156-2	120	120	167	136	19.88	cps
Erbium	164-1	107	107	143	119	17.81	cps
Erbium	164-2	50	57	47	51	9.96	cps
Gadolinium	160-1	307	253	277	279	9.59	cps
Gadolinium	160-2	200	207	193	200	3.33	cps
Holmium	165-1	10101255	10040867	9955079	10032401	0.73	cps
Holmium	165-2	4386361	4595459	4464459	4482093	2.36	cps
Indium	115-1	7480831	7412523	7244140	7379165	1.65	cps
Indium	115-2	1105411	1091463	1097079	1097984	0.64	cps
Iron	54-2	2845268	2829610	2833477	2836118	0.29	cps
Iron	56-2	49331896	50045501	49481129	49619509	0.76	cps
Iron	57-2	1222112	1216634	1213700	1217482	0.35	cps
Krypton	83-1	187	177	163	176	6.67	cps
Lead	206-1	17433381	17413943	17733822	17527049	1.02	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 11:01:30	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	14976118	15242061	15224749	15147643	0.98	cps
Lead	208-1	69587726	70167746	70115784	69957085	0.46	cps
Lithium	6-1	1947550	1969742	1914330	1943874	1.43	cps
Magnesium	24-2	9373435	9361506	9318609	9351183	0.31	cps
Manganese	55-2	6042346	5987983	5968234	5999521	0.64	cps
Molybdenum	94-1	14526098	15040347	14571130	14712525	1.94	cps
Molybdenum	95-1	21059422	21812255	21097227	21322968	1.99	cps
Molybdenum	96-1	22930580	23338050	23192816	23153815	0.89	cps
Molybdenum	97-1	13237617	13465016	13169993	13290875	1.16	cps
Molybdenum	98-1	34129617	33971275	33754763	33951885	0.55	cps
Neodymium	150-1	187	263	183	211	21.44	cps
Neodymium	150-2	33	13	17	21	50.75	cps
Nickel	60-2	589606	590172	590930	590236	0.11	cps
Phosphorus	31-2	30716	29694	30813	30407	2.04	cps
Potassium	39-2	3123524	3072891	3157961	3118126	1.37	cps
Rhodium	103-1	7307946	7293626	7256226	7285932	0.37	cps
Rhodium	103-2	3542848	3547836	3500736	3530473	0.73	cps
Scandium	45-1	5090530	5040707	5036945	5056061	0.59	cps
Scandium	45-2	179818	178015	179214	179016	0.51	cps
Selenium	82-1	63330	63414	62556	63100	0.75	cps
Selenium	77-2	2014	1943	1860	1939	3.96	cps
Selenium	78-2	6548	6588	6842	6659	2.39	cps
Silicon	28-1	2599093	2682553	2643251	2641632	1.58	cps
Silver	107-1	4989609	4998803	5120132	5036181	1.45	cps
Silver	109-1	4865756	4832726	4748437	4815640	1.26	cps
Sodium	23-2	16821578	16627428	16329172	16592726	1.49	cps
Strontium	86-1	31380995	31011408	30740234	31044212	1.04	cps
Strontium	88-1	266632209	268255296	268576169	267821225	0.39	cps
Sulfur	34-1	647726	645939	645414	646360	0.19	cps
Terbium	159-1	10172513	10282505	9970119	10141712	1.56	cps
Terbium	159-2	4501920	4609879	4486373	4532724	1.48	cps
Thallium	203-1	4154624	4269378	4129566	4184523	1.78	cps
Thallium	205-1	9928950	9878292	10007699	9938314	0.66	cps
Tin	118-1	3308063	3157337	3194978	3220126	2.44	cps
Titanium	47-1	5690616	5680635	5731672	5700974	0.47	cps
Uranium	238-1	14627162	14662758	14624388	14638103	0.15	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 11:01:30	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	955426	944199	940493	946706	0.82	cps
Ytterbium	172-1	133	143	140	139	3.67	cps
Ytterbium	172-2	67	67	37	57	30.56	cps
Ytterbium	176-1	17892	18072	17578	17848	1.40	cps
Ytterbium	176-2	15880	15726	15733	15780	0.55	cps
Yttrium	89-1	11066950	10838600	11041902	10982484	1.14	cps
Yttrium	89-2	1179030	1166124	1170058	1171737	0.56	cps
Zinc	66-2	2014124	2016392	2055033	2028516	1.13	cps
Zirconium	90-1	6903120	6825336	6962379	6896945	1.00	cps
Zirconium	91-1	1547710	1538135	1561246	1549031	0.75	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 11:04:34	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1354698	1311831	1317302	1327943	1.76	cps
Antimony	121-1	7671093	7571384	7444433	7562304	1.50	cps
Arsenic	75-2	199192	200164	201108	200155	0.48	cps
Barium	135-1	8618189	8573999	8647804	8613330	0.43	cps
Barium	137-1	15469076	15147377	14773881	15130111	2.30	cps
Beryllium	9-1	1534538	1529829	1498198	1520855	1.30	cps
Bismuth	209-1	6437604	6456328	6445597	6446510	0.15	cps
Bismuth	209-2	3398026	3363117	3319910	3360351	1.16	cps
Bromine	81-1	2650	2937	2654	2747	5.99	cps
Cadmium	108-1	144963	145803	145975	145580	0.37	cps
Cadmium	106-1	195828	198864	198510	197734	0.84	cps
Cadmium	111-1	1927132	1950646	1945926	1941235	0.64	cps
Calcium	43-1	2794046	2784715	2823463	2800741	0.72	cps
Calcium	44-1	41768839	42063879	42504934	42112550	0.88	cps
Carbon	12-1	2548956	2667198	2661821	2625992	2.54	cps
Carbon	12-2	36602	37254	36779	36878	0.91	cps
Chlorine	35-1	101472	104507	102966	102982	1.47	cps
Chlorine	35-2	880	910	870	887	2.35	cps
Chromium	52-2	2464528	2530886	2483441	2492952	1.37	cps
Cobalt	59-2	4472000	4430192	4379282	4427158	1.05	cps
Copper	63-2	35395618	35240005	34915029	35183551	0.70	cps
Dysprosium	156-1	510	450	450	470	7.37	cps
Dysprosium	156-2	240	240	217	232	5.80	cps
Erbium	164-1	163	130	147	147	11.37	cps
Erbium	164-2	53	53	77	61	22.05	cps
Gadolinium	160-1	507	483	423	471	9.12	cps
Gadolinium	160-2	330	313	260	301	12.14	cps
Holmium	165-1	9875830	9879595	9688624	9814683	1.11	cps
Holmium	165-2	4438118	4473861	4440852	4450943	0.45	cps
Indium	115-1	7109675	7108515	7073738	7097309	0.29	cps
Indium	115-2	1060732	1059137	1056934	1058934	0.18	cps
Iron	54-2	5475357	5643626	5488225	5535736	1.69	cps
Iron	56-2	98645929	100112839	98162525	98973764	1.03	cps
Iron	57-2	2567766	2563759	2532218	2554581	0.76	cps
Krypton	83-1	200	200	197	199	0.97	cps
Lead	206-1	34889541	35491074	34242383	34874333	1.79	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 11:04:34	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	30392193	30122477	29655015	30056561	1.24	cps
Lead	208-1	139419258	138698015	136829875	138315716	0.97	cps
Lithium	6-1	1902102	1835391	1829329	1855607	2.18	cps
Magnesium	24-2	18986823	18788787	18867624	18881078	0.53	cps
Manganese	55-2	12007151	12240989	12050251	12099464	1.03	cps
Molybdenum	94-1	29401132	28889791	29445128	29245350	1.06	cps
Molybdenum	95-1	42113960	42033614	43219096	42455557	1.56	cps
Molybdenum	96-1	46477586	45985531	46277508	46246875	0.54	cps
Molybdenum	97-1	26525028	26293927	26573706	26464220	0.56	cps
Molybdenum	98-1	67774229	67573064	68255146	67867480	0.52	cps
Neodymium	150-1	360	323	277	320	13.05	cps
Neodymium	150-2	37	33	27	32	15.80	cps
Nickel	60-2	1157681	1158180	1169509	1161790	0.58	cps
Phosphorus	31-2	59830	59515	59120	59488	0.60	cps
Potassium	39-2	6244729	6196560	6171460	6204249	0.60	cps
Rhodium	103-1	7054959	6967820	7119435	7047405	1.08	cps
Rhodium	103-2	3413450	3425911	3394284	3411215	0.47	cps
Scandium	45-1	4916429	4839112	4986084	4913875	1.50	cps
Scandium	45-2	178363	179771	177638	178591	0.61	cps
Selenium	82-1	122792	121671	120546	121670	0.92	cps
Selenium	77-2	4057	3704	3761	3841	4.94	cps
Selenium	78-2	13246	13286	13430	13321	0.72	cps
Silicon	28-1	4448908	4450287	4536575	4478590	1.12	cps
Silver	107-1	10250591	10364262	10266474	10293776	0.60	cps
Silver	109-1	9834339	10002352	9939185	9925292	0.86	cps
Sodium	23-2	33795251	33711765	33198190	33568402	0.96	cps
Strontium	86-1	61038726	61937831	62578029	61851529	1.25	cps
Strontium	88-1	532198499	538495099	533720019	534804539	0.61	cps
Sulfur	34-1	1009870	1015546	1001727	1009048	0.69	cps
Terbium	159-1	10130192	9898133	9818477	9948934	1.63	cps
Terbium	159-2	4439018	4444693	4422430	4435380	0.26	cps
Thallium	203-1	8183783	8380396	8336730	8300303	1.24	cps
Thallium	205-1	19795141	19999388	19534401	19776310	1.18	cps
Tin	118-1	6329918	6286651	6280741	6299104	0.43	cps
Titanium	47-1	11203522	11114038	11443759	11253773	1.52	cps
Uranium	238-1	29573305	29510583	29326103	29469997	0.44	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 11:04:34	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1932775	1982214	1954453	1956481	1.27	cps
Ytterbium	172-1	147	213	170	177	19.15	cps
Ytterbium	172-2	130	83	110	108	21.72	cps
Ytterbium	176-1	33419	34107	34702	34076	1.88	cps
Ytterbium	176-2	23795	23147	22983	23308	1.84	cps
Yttrium	89-1	10437507	10597766	10611615	10548963	0.92	cps
Yttrium	89-2	1157429	1169057	1154486	1160324	0.66	cps
Zinc	66-2	3903798	3973793	3901228	3926273	1.05	cps
Zirconium	90-1	13631358	13871241	13718663	13740420	0.88	cps
Zirconium	91-1	3078596	3086271	3105029	3089966	0.44	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 11:07:36	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6680270	6723675	6750442	6718129	0.53	cps
Antimony	121-1	2990	3917	4567	3825	20.72	cps
Arsenic	75-2	93	137	90	107	24.41	cps
Barium	135-1	4981	5345	4964	5097	4.22	cps
Barium	137-1	8136	8873	8526	8512	4.33	cps
Beryllium	9-1	270	360	531	387	34.29	cps
Bismuth	209-1	5613545	5782195	5821988	5739242	1.93	cps
Bismuth	209-2	3242208	3250664	3214927	3235933	0.58	cps
Bromine	81-1	4684	4848	5481	5004	8.41	cps
Cadmium	108-1	133	130	113	126	8.54	cps
Cadmium	106-1	2750	2767	2647	2721	2.39	cps
Cadmium	111-1	2655	2886	2704	2748	4.43	cps
Calcium	43-1	11282440	11306927	11397232	11328866	0.53	cps
Calcium	44-1	183972657	188298091	187209331	186493359	1.21	cps
Carbon	12-1	2230209	2259092	2303891	2264397	1.64	cps
Carbon	12-2	35657	36071	36248	35992	0.84	cps
Chlorine	35-1	85853	88029	87808	87230	1.37	cps
Chlorine	35-2	790	717	807	771	6.21	cps
Chromium	52-2	7679	8059	7769	7836	2.54	cps
Cobalt	59-2	11455	11601	11408	11488	0.88	cps
Copper	63-2	7959	7979	8142	8027	1.25	cps
Dysprosium	156-1	1690	1580	1587	1619	3.81	cps
Dysprosium	156-2	833	867	903	868	4.03	cps
Erbium	164-1	247	290	227	254	12.73	cps
Erbium	164-2	137	137	110	128	12.05	cps
Gadolinium	160-1	1883	1750	1790	1808	3.79	cps
Gadolinium	160-2	1103	1030	1120	1085	4.42	cps
Holmium	165-1	9093361	9518756	9566655	9392924	2.77	cps
Holmium	165-2	4567179	4589899	4599412	4585497	0.36	cps
Indium	115-1	6713205	6853514	6920611	6829110	1.55	cps
Indium	115-2	1122009	1137124	1142202	1133778	0.93	cps
Iron	54-2	27566955	27578842	27817775	27654524	0.51	cps
Iron	56-2	499712753	495840406	507296286	500949815	1.16	cps
Iron	57-2	12877566	12814129	12700050	12797249	0.70	cps
Krypton	83-1	213	207	237	219	7.20	cps
Lead	206-1	16507	23294	35861	25221	38.94	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 11:07:36	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	13848	18416	30406	20890	40.94	cps
Lead	208-1	64496	86582	132790	94623	36.83	cps
Lithium	6-1	1694716	1713726	1696407	1701616	0.62	cps
Magnesium	24-2	93198522	92193432	94705832	93365929	1.35	cps
Manganese	55-2	6535	6578	6492	6535	0.66	cps
Molybdenum	94-1	6915	9591	7583	8029	17.34	cps
Molybdenum	95-1	8199	12334	8517	9683	23.77	cps
Molybdenum	96-1	9724	15134	10556	11805	24.68	cps
Molybdenum	97-1	5174	8379	5191	6248	29.53	cps
Molybdenum	98-1	12843	18912	13061	14939	23.05	cps
Neodymium	150-1	277	263	370	303	19.16	cps
Neodymium	150-2	83	133	130	116	24.20	cps
Nickel	60-2	3504	3344	3747	3532	5.75	cps
Phosphorus	31-2	83	103	113	100	15.28	cps
Potassium	39-2	32152628	32533520	32806224	32497457	1.01	cps
Rhodium	103-1	6331834	6546656	6559829	6479440	1.98	cps
Rhodium	103-2	3384465	3374208	3467271	3408648	1.50	cps
Scandium	45-1	4712912	4862831	4861498	4812413	1.79	cps
Scandium	45-2	186971	190642	191102	189572	1.19	cps
Selenium	82-1	597	660	657	638	5.59	cps
Selenium	77-2	27	30	43	33	26.45	cps
Selenium	78-2	113	117	83	104	17.58	cps
Silicon	28-1	371160	385331	378860	378450	1.87	cps
Silver	107-1	1907	2234	1837	1992	10.63	cps
Silver	109-1	1833	2120	1800	1918	9.18	cps
Sodium	23-2	167364478	170880451	166928968	168391299	1.29	cps
Strontium	86-1	8686	9941	9873	9500	7.43	cps
Strontium	88-1	72583	86270	85029	81294	9.31	cps
Sulfur	34-1	255317	256598	257951	256622	0.51	cps
Terbium	159-1	9132362	9613653	9535719	9427245	2.74	cps
Terbium	159-2	4525461	4633894	4618784	4592713	1.28	cps
Thallium	203-1	1913	3099	9774	4929	85.98	cps
Thallium	205-1	4854	7394	18184	10144	69.77	cps
Tin	118-1	3784	4244	4034	4021	5.73	cps
Titanium	47-1	2010	2367	2701	2359	14.64	cps
Uranium	238-1	6745	10300	15626	10890	41.05	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 11:07:36	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	607	493	583	561	10.67	cps
Ytterbium	172-1	207	223	250	227	9.64	cps
Ytterbium	172-2	117	157	137	137	14.63	cps
Ytterbium	176-1	1253	1187	1287	1242	4.10	cps
Ytterbium	176-2	8276	8253	8376	8302	0.79	cps
Yttrium	89-1	9852157	10212018	10520827	10195001	3.28	cps
Yttrium	89-2	1245045	1239773	1253569	1246129	0.56	cps
Zinc	66-2	5571	5471	5678	5573	1.86	cps
Zirconium	90-1	5865	6502	6802	6389	7.49	cps
Zirconium	91-1	1293	1437	1337	1356	5.42	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	ICV061	Instrumnet Name :	P8
Client Sample ID :	ICV061	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 11:50:32	DataFile Name :	017ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	36178	36780	36285	36414	0.88	cps
Antimony	121-1	1600309	1605442	1633168	1612973	1.10	cps
Arsenic	75-2	47242	46904	46677	46941	0.61	cps
Barium	135-1	178868	178403	182797	180023	1.34	cps
Barium	137-1	310592	310772	315749	312371	0.94	cps
Beryllium	9-1	172902	175733	173942	174192	0.82	cps
Bismuth	209-1	6870888	6928838	6892211	6897313	0.42	cps
Bismuth	209-2	3911015	3763732	3735584	3803444	2.48	cps
Bromine	81-1	2970	2940	2947	2953	0.53	cps
Cadmium	108-1	13563	13457	13680	13567	0.82	cps
Cadmium	106-1	20569	21086	20863	20839	1.25	cps
Cadmium	111-1	205230	207432	207277	206646	0.59	cps
Calcium	43-1	50164	50635	51301	50700	1.13	cps
Calcium	44-1	863045	876283	877716	872348	0.93	cps
Carbon	12-1	2244688	2238477	2301661	2261608	1.54	cps
Carbon	12-2	29172	29466	29009	29216	0.79	cps
Chlorine	35-1	78947	78706	78528	78727	0.27	cps
Chlorine	35-2	583	727	583	631	13.11	cps
Chromium	52-2	279159	277353	274141	276884	0.92	cps
Cobalt	59-2	505629	500000	501380	502336	0.58	cps
Copper	63-2	386701	384433	386185	385773	0.31	cps
Dysprosium	156-1	10	27	10	16	61.87	cps
Dysprosium	156-2	10	3	13	9	57.30	cps
Erbium	164-1	33	77	70	60	38.89	cps
Erbium	164-2	40	47	37	41	12.39	cps
Gadolinium	160-1	90	73	90	84	11.40	cps
Gadolinium	160-2	87	80	103	90	13.36	cps
Holmium	165-1	10203940	10126013	10083844	10137932	0.60	cps
Holmium	165-2	4933674	4930719	4725850	4863414	2.45	cps
Indium	115-1	8019891	7938182	8226205	8061426	1.84	cps
Indium	115-2	1268468	1263592	1239246	1257102	1.25	cps
Iron	54-2	247774	251365	248233	249124	0.78	cps
Iron	56-2	4533023	4421800	4358724	4437849	1.99	cps
Iron	57-2	108311	108801	107988	108367	0.38	cps
Krypton	83-1	240	247	207	231	9.27	cps
Lead	206-1	1492274	1541490	1664734	1566166	5.67	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	ICV061	Instrumnet Name :	P8
Client Sample ID :	ICV061	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 11:50:32	DataFile Name :	017ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1280833	1266495	1297130	1281486	1.20	cps
Lead	208-1	6176537	6325174	6410716	6304142	1.88	cps
Lithium	6-1	2098982	2108205	2006990	2071392	2.70	cps
Magnesium	24-2	232697	229514	231319	231177	0.69	cps
Manganese	55-2	135332	136845	134289	135489	0.95	cps
Molybdenum	94-1	1937	1817	1800	1851	4.03	cps
Molybdenum	95-1	2760	2500	2367	2543	7.87	cps
Molybdenum	96-1	3194	2737	2994	2975	7.70	cps
Molybdenum	97-1	1730	1530	1617	1626	6.17	cps
Molybdenum	98-1	4341	3971	3807	4040	6.77	cps
Neodymium	150-1	13	13	47	24	78.75	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	145522	146489	144984	145665	0.52	cps
Phosphorus	31-2	47	97	150	98	52.85	cps
Potassium	39-2	288945	286624	280968	285512	1.44	cps
Rhodium	103-1	8143670	8166159	8249752	8186527	0.68	cps
Rhodium	103-2	4013043	4004834	3810553	3942810	2.91	cps
Scandium	45-1	5600551	5478267	5699889	5592902	1.98	cps
Scandium	45-2	203723	202483	196669	200959	1.87	cps
Selenium	82-1	28219	28677	28186	28360	0.97	cps
Selenium	77-2	967	1040	870	959	8.89	cps
Selenium	78-2	3234	3077	3137	3149	2.51	cps
Silicon	28-1	218429	219769	220544	219581	0.49	cps
Silver	107-1	505636	508515	514017	509389	0.84	cps
Silver	109-1	481992	488482	491158	487211	0.97	cps
Sodium	23-2	780807	767190	766646	771548	1.04	cps
Strontium	86-1	2468	1633	1620	1907	25.46	cps
Strontium	88-1	20248	11278	11511	14346	35.64	cps
Sulfur	34-1	299533	299830	300057	299807	0.09	cps
Terbium	159-1	10448725	10255360	10511735	10405274	1.28	cps
Terbium	159-2	4845650	4775722	4831033	4817469	0.77	cps
Thallium	203-1	1911543	1903285	1909313	1908047	0.22	cps
Thallium	205-1	4405915	4574833	4602555	4527768	2.35	cps
Tin	118-1	1383	1527	1447	1452	4.95	cps
Titanium	47-1	944	247	420	537	67.60	cps
Uranium	238-1	743	680	770	731	6.32	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	ICV061	Instrumnet Name :	P8
Client Sample ID :	ICV061	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 11:50:32	DataFile Name :	017ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	210824	209907	210586	210439	0.23	cps
Ytterbium	172-1	53	60	50	54	9.35	cps
Ytterbium	172-2	30	30	30	30	0.00	cps
Ytterbium	176-1	1020	1163	1047	1077	7.08	cps
Ytterbium	176-2	8693	8743	8856	8764	0.96	cps
Yttrium	89-1	11661790	11678894	12143819	11828168	2.31	cps
Yttrium	89-2	1339262	1335696	1269242	1314734	3.00	cps
Zinc	66-2	89624	87720	88474	88606	1.08	cps
Zirconium	90-1	647	663	733	681	6.75	cps
Zirconium	91-1	293	323	337	318	6.98	cps

LB Number : LB127737 Operator : Jaswal
 Lab Sample ID : ICB061 Instrumnet Name : P8
 Client Sample ID : ICB061 Dilution Factor : 1
 Date & Time Acquired : 2023-10-11 11:54:01 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	113	97	123	111	12.12	cps
Antimony	121-1	610	1070	1440	1040	39.98	cps
Arsenic	75-2	40	7	7	18	108.23	cps
Barium	135-1	90	103	90	94	8.15	cps
Barium	137-1	120	167	103	130	25.26	cps
Beryllium	9-1	122	114	107	115	6.58	cps
Bismuth	209-1	6757314	6915880	7016339	6896511	1.89	cps
Bismuth	209-2	3856553	3887125	3758981	3834220	1.75	cps
Bromine	81-1	3174	3074	3497	3248	6.81	cps
Cadmium	108-1	27	13	23	21	32.88	cps
Cadmium	106-1	2830	2917	2717	2821	3.56	cps
Cadmium	111-1	2006	2093	1946	2015	3.67	cps
Calcium	43-1	217	233	220	223	3.95	cps
Calcium	44-1	50595	50870	51115	50860	0.51	cps
Carbon	12-1	2240343	2199096	2229251	2222897	0.96	cps
Carbon	12-2	27569	27867	27736	27724	0.54	cps
Chlorine	35-1	59230	58290	58561	58694	0.82	cps
Chlorine	35-2	447	453	460	453	1.47	cps
Chromium	52-2	1720	1673	1647	1680	2.21	cps
Cobalt	59-2	664	130	167	320	93.12	cps
Copper	63-2	1017	787	700	835	19.62	cps
Dysprosium	156-1	7	13	7	9	43.25	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	113	40	87	80	46.40	cps
Erbium	164-2	50	30	23	34	40.30	cps
Gadolinium	160-1	70	83	70	74	10.34	cps
Gadolinium	160-2	97	117	113	109	9.84	cps
Holmium	165-1	10158374	10249579	10076130	10161361	0.85	cps
Holmium	165-2	4829162	4873106	4761537	4821268	1.17	cps
Indium	115-1	7930100	8054120	8019123	8001114	0.80	cps
Indium	115-2	1255106	1258308	1256101	1256505	0.13	cps
Iron	54-2	573	417	510	500	15.76	cps
Iron	56-2	8027	4597	4407	5677	35.88	cps
Iron	57-2	240	213	127	193	30.65	cps
Krypton	83-1	193	223	277	231	18.26	cps
Lead	206-1	680	780	653	704	9.48	cps

LB Number : LB127737 Operator : Jaswal
 Lab Sample ID : ICB061 Instrumnet Name : P8
 Client Sample ID : ICB061 Dilution Factor : 1
 Date & Time Acquired : 2023-10-11 11:54:01 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	663	663	483	603	17.23	cps
Lead	208-1	2750	3084	2413	2749	12.19	cps
Lithium	6-1	2150648	2143282	2082309	2125413	1.76	cps
Magnesium	24-2	180	140	160	160	12.50	cps
Manganese	55-2	117	83	147	116	27.42	cps
Molybdenum	94-1	237	277	380	298	24.84	cps
Molybdenum	95-1	147	93	250	163	48.77	cps
Molybdenum	96-1	327	293	390	337	14.59	cps
Molybdenum	97-1	77	90	133	100	29.63	cps
Molybdenum	98-1	233	253	370	286	25.85	cps
Neodymium	150-1	7	17	7	10	57.72	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	293	90	77	153	79.20	cps
Phosphorus	31-2	87	80	97	88	9.56	cps
Potassium	39-2	11531	11885	11475	11630	1.91	cps
Rhodium	103-1	8267409	8235032	8178289	8226910	0.55	cps
Rhodium	103-2	3992880	3997238	3973294	3987804	0.32	cps
Scandium	45-1	5617225	5648340	5537788	5601117	1.02	cps
Scandium	45-2	202687	202326	199948	201654	0.74	cps
Selenium	82-1	-30	-23	-40	-31	-26.95	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	13	13	20	16	24.76	cps
Silicon	28-1	203324	203308	202374	203002	0.27	cps
Silver	107-1	360	430	277	356	21.59	cps
Silver	109-1	210	380	220	270	35.33	cps
Sodium	23-2	58908	58898	58707	58838	0.19	cps
Strontium	86-1	503	410	1027	647	51.43	cps
Strontium	88-1	1764	713	5376	2618	93.44	cps
Sulfur	34-1	301092	301969	302854	301971	0.29	cps
Terbium	159-1	10522180	10519424	10588943	10543516	0.37	cps
Terbium	159-2	4862585	4808642	4914922	4862050	1.09	cps
Thallium	203-1	607	640	380	542	26.09	cps
Thallium	205-1	1490	1717	953	1387	28.27	cps
Tin	118-1	737	610	667	671	9.45	cps
Titanium	47-1	160	117	423	233	71.14	cps
Uranium	238-1	463	560	527	517	9.50	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	ICB061	Instrumnet Name :	P8
Client Sample ID :	ICB061	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 11:54:01	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	33	33	27	31	12.36	cps
Ytterbium	172-1	93	60	73	76	22.20	cps
Ytterbium	172-2	40	37	23	33	26.47	cps
Ytterbium	176-1	1330	1140	1043	1171	12.45	cps
Ytterbium	176-2	8543	8810	8940	8764	2.31	cps
Yttrium	89-1	11798776	11533700	11798776	11710418	1.31	cps
Yttrium	89-2	1370490	1342788	1323044	1345440	1.77	cps
Zinc	66-2	2584	2440	2564	2529	3.07	cps
Zirconium	90-1	450	573	457	493	14.06	cps
Zirconium	91-1	87	60	97	81	23.37	cps

LB Number : LB127737 Operator : Jaswal
 Lab Sample ID : ICSA061 Instrumnet Name : P8
 Client Sample ID : ICSA061 Dilution Factor : 1
 Date & Time Acquired : 2023-10-11 11:57:25 DataFile Name : 019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6316244	6278636	6276564	6290481	0.36	cps
Antimony	121-1	8089	8299	8453	8280	2.20	cps
Arsenic	75-2	77	57	53	62	20.29	cps
Barium	135-1	2307	2297	2424	2342	3.01	cps
Barium	137-1	4161	4121	4134	4138	0.49	cps
Beryllium	9-1	540	464	517	507	7.73	cps
Bismuth	209-1	6672667	6521665	6374944	6523092	2.28	cps
Bismuth	209-2	3473679	3499126	3074464	3349090	7.11	cps
Bromine	81-1	5374	6048	6952	6125	12.92	cps
Cadmium	108-1	2220	2367	2120	2236	5.55	cps
Cadmium	106-1	2684	2620	2637	2647	1.24	cps
Cadmium	111-1	2831	2814	2999	2881	3.54	cps
Calcium	43-1	2288867	2324584	2346095	2319848	1.25	cps
Calcium	44-1	37278995	37355539	37716869	37450468	0.62	cps
Carbon	12-1	15075236	15206131	15562253	15281207	1.65	cps
Carbon	12-2	205354	205722	204675	205251	0.26	cps
Chlorine	35-1	21041800	22414834	23721669	22392767	5.98	cps
Chlorine	35-2	208138	215623	214896	212886	1.94	cps
Chromium	52-2	49030	49408	49134	49191	0.40	cps
Cobalt	59-2	5054	5244	5134	5144	1.86	cps
Copper	63-2	26047	26408	26468	26308	0.86	cps
Dysprosium	156-1	23	53	57	44	41.31	cps
Dysprosium	156-2	17	7	10	11	45.82	cps
Erbium	164-1	67	73	100	80	22.05	cps
Erbium	164-2	27	40	50	39	30.10	cps
Gadolinium	160-1	127	87	93	102	20.97	cps
Gadolinium	160-2	103	120	110	111	7.55	cps
Holmium	165-1	10195620	10070547	9994364	10086844	1.01	cps
Holmium	165-2	4717242	4650357	4166475	4511358	6.66	cps
Indium	115-1	7566904	7410007	7472971	7483294	1.06	cps
Indium	115-2	1139522	1145709	1017582	1100937	6.56	cps
Iron	54-2	10796185	10795456	10893409	10828350	0.52	cps
Iron	56-2	195275064	192618084	196014110	194635753	0.92	cps
Iron	57-2	4935905	4921326	4968557	4941929	0.49	cps
Krypton	83-1	153	213	217	194	18.33	cps
Lead	206-1	39614	38858	38862	39111	1.11	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	ICSA061	Instrumnet Name :	P8
Client Sample ID :	ICSA061	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 11:57:25	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	32761	30863	31334	31653	3.12	cps
Lead	208-1	152076	146431	147512	148673	2.02	cps
Lithium	6-1	1999050	1924618	1930565	1951411	2.12	cps
Magnesium	24-2	17480801	17440299	17509731	17476944	0.20	cps
Manganese	55-2	9447	9350	9537	9444	0.99	cps
Molybdenum	94-1	4541380	4475352	4395462	4470731	1.63	cps
Molybdenum	95-1	7853598	7640971	7710151	7734906	1.40	cps
Molybdenum	96-1	8344198	8172695	8135569	8217487	1.35	cps
Molybdenum	97-1	4810491	4902997	4693964	4802484	2.18	cps
Molybdenum	98-1	12458469	12295838	12306675	12353661	0.74	cps
Neodymium	150-1	33	60	50	48	28.20	cps
Neodymium	150-2	30	10	17	19	53.91	cps
Nickel	60-2	6622	6261	6408	6430	2.82	cps
Phosphorus	31-2	301583	298273	303988	301281	0.95	cps
Potassium	39-2	12048387	12209853	12293713	12183984	1.02	cps
Rhodium	103-1	7413506	7304539	7400576	7372874	0.81	cps
Rhodium	103-2	3571605	3598594	3237599	3469266	5.80	cps
Scandium	45-1	5257754	5338341	5190962	5262352	1.40	cps
Scandium	45-2	185446	183719	167148	178771	5.65	cps
Selenium	82-1	17	-20	-30	-11	-221.06	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	23	23	17	21	18.21	cps
Silicon	28-1	322987	326631	325230	324949	0.57	cps
Silver	107-1	853	623	597	691	20.42	cps
Silver	109-1	643	457	503	534	18.18	cps
Sodium	23-2	32035300	32661384	32717837	32471507	1.17	cps
Strontium	86-1	78251	77497	79535	78427	1.31	cps
Strontium	88-1	679792	685142	668562	677832	1.25	cps
Sulfur	34-1	3061714	2972272	3056429	3030139	1.66	cps
Terbium	159-1	10241562	10178334	10247400	10222432	0.37	cps
Terbium	159-2	4714626	4639880	4119285	4491263	7.22	cps
Thallium	203-1	833	740	640	738	13.11	cps
Thallium	205-1	2070	1873	1753	1899	8.42	cps
Tin	118-1	1637	1457	1440	1511	7.22	cps
Titanium	47-1	2370446	2403447	2358552	2377481	0.98	cps
Uranium	238-1	933	973	947	951	2.14	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	ICSA061	Instrumnet Name :	P8
Client Sample ID :	ICSA061	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 11:57:25	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	340	357	323	340	4.90	cps
Ytterbium	172-1	47	70	43	53	27.24	cps
Ytterbium	172-2	50	27	40	39	30.10	cps
Ytterbium	176-1	1140	1097	1150	1129	2.51	cps
Ytterbium	176-2	8139	8136	7349	7875	5.78	cps
Yttrium	89-1	11155731	10968581	11267736	11130683	1.36	cps
Yttrium	89-2	1239301	1232331	1102191	1191274	6.48	cps
Zinc	66-2	6288	6325	6135	6249	1.61	cps
Zirconium	90-1	603	667	530	600	11.40	cps
Zirconium	91-1	73	137	117	109	29.74	cps

LB Number : LB127737 Operator : Jaswal
 Lab Sample ID : ICSAB061 Instrumnet Name : P8
 Client Sample ID : ICSAB061 Dilution Factor : 1
 Date & Time Acquired : 2023-10-11 12:00:40 DataFile Name : 020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6303385	6354403	6232527	6296772	0.97	cps
Antimony	121-1	152875	150435	151789	151700	0.81	cps
Arsenic	75-2	4184	3881	4127	4064	3.97	cps
Barium	135-1	35142	35560	35593	35432	0.71	cps
Barium	137-1	62172	62721	61693	62196	0.83	cps
Beryllium	9-1	29919	29522	29507	29649	0.79	cps
Bismuth	209-1	6474504	6563237	6535991	6524577	0.70	cps
Bismuth	209-2	3504902	3495302	3467253	3489152	0.56	cps
Bromine	81-1	4931	4841	5081	4951	2.45	cps
Cadmium	108-1	4688	4711	4244	4547	5.78	cps
Cadmium	106-1	5671	5998	5851	5840	2.80	cps
Cadmium	111-1	38297	38168	38366	38277	0.26	cps
Calcium	43-1	2415909	2417012	2366279	2399733	1.21	cps
Calcium	44-1	38761641	38649967	38467077	38626228	0.38	cps
Carbon	12-1	15621151	15993204	15821425	15811927	1.18	cps
Carbon	12-2	205438	202685	207128	205084	1.09	cps
Chlorine	35-1	24822141	26607503	26674150	26034598	4.04	cps
Chlorine	35-2	232975	235319	235650	234648	0.62	cps
Chromium	52-2	97281	96694	95533	96503	0.92	cps
Cobalt	59-2	89237	88949	87701	88629	0.92	cps
Copper	63-2	90627	91137	88604	90123	1.49	cps
Dysprosium	156-1	33	70	43	49	38.78	cps
Dysprosium	156-2	27	23	13	21	32.88	cps
Erbium	164-1	93	110	87	97	12.43	cps
Erbium	164-2	47	50	50	49	3.93	cps
Gadolinium	160-1	77	103	133	104	27.14	cps
Gadolinium	160-2	90	130	97	106	20.30	cps
Holmium	165-1	10198485	10430192	10046653	10225110	1.89	cps
Holmium	165-2	4671636	4620987	4658263	4650295	0.56	cps
Indium	115-1	7659247	7642899	7683954	7662033	0.27	cps
Indium	115-2	1142953	1141733	1138475	1141054	0.20	cps
Iron	54-2	10876120	11021489	10815360	10904323	0.97	cps
Iron	56-2	196258104	194377424	194715824	195117117	0.51	cps
Iron	57-2	5043628	4941699	4938593	4974640	1.20	cps
Krypton	83-1	153	233	177	188	21.91	cps
Lead	206-1	180744	179134	179762	179880	0.45	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	ICSAB061	Instrumnet Name :	P8
Client Sample ID :	ICSAB061	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:00:40	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	147517	148353	150167	148679	0.91	cps
Lead	208-1	697786	688226	698326	694779	0.82	cps
Lithium	6-1	1923919	1893182	1889634	1902245	0.99	cps
Magnesium	24-2	17595055	17546894	17260781	17467577	1.03	cps
Manganese	55-2	32173	31939	32026	32046	0.37	cps
Molybdenum	94-1	4549484	4599401	4558607	4569164	0.58	cps
Molybdenum	95-1	7939774	8024740	8007482	7990666	0.56	cps
Molybdenum	96-1	8551346	8552300	8500451	8534699	0.35	cps
Molybdenum	97-1	4988450	4979544	4915251	4961082	0.81	cps
Molybdenum	98-1	12883503	12545260	12586463	12671742	1.46	cps
Neodymium	150-1	37	47	47	43	13.32	cps
Neodymium	150-2	0	20	3	8	137.80	cps
Nickel	60-2	29257	29858	28933	29349	1.60	cps
Phosphorus	31-2	302912	296331	297115	298786	1.20	cps
Potassium	39-2	12179638	12193182	12247273	12206697	0.29	cps
Rhodium	103-1	7707647	7416860	7415383	7513297	2.24	cps
Rhodium	103-2	3569872	3501279	3557760	3542970	1.03	cps
Scandium	45-1	5372038	5390550	5346228	5369606	0.41	cps
Scandium	45-2	187338	182584	182933	184285	1.44	cps
Selenium	82-1	2500	2424	2397	2440	2.20	cps
Selenium	77-2	97	83	80	87	10.18	cps
Selenium	78-2	297	243	277	272	9.90	cps
Silicon	28-1	336016	342012	341130	339719	0.95	cps
Silver	107-1	178724	177805	176769	177766	0.55	cps
Silver	109-1	168468	173976	169929	170791	1.67	cps
Sodium	23-2	32637305	32778092	32662919	32692772	0.23	cps
Strontium	86-1	82216	82160	81322	81899	0.61	cps
Strontium	88-1	712497	703977	693995	703490	1.32	cps
Sulfur	34-1	3116189	3158655	3077042	3117295	1.31	cps
Terbium	159-1	10373113	10640694	10501763	10505190	1.27	cps
Terbium	159-2	4643894	4666450	4625682	4645342	0.44	cps
Thallium	203-1	160257	161610	160795	160887	0.42	cps
Thallium	205-1	388147	395260	390378	391262	0.93	cps
Tin	118-1	1450	1563	1403	1472	5.59	cps
Titanium	47-1	2450841	2443107	2406239	2433396	0.98	cps
Uranium	238-1	1017	973	1000	997	2.19	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	ICSAB061	Instrumnet Name :	P8
Client Sample ID :	ICSAB061	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:00:40	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	37141	36650	36019	36603	1.54	cps
Ytterbium	172-1	57	70	67	64	10.76	cps
Ytterbium	172-2	30	60	37	42	37.31	cps
Ytterbium	176-1	1050	1157	1063	1090	5.33	cps
Ytterbium	176-2	8179	8583	8349	8370	2.42	cps
Yttrium	89-1	11290696	11350957	11141373	11261009	0.96	cps
Yttrium	89-2	1227928	1229725	1224552	1227402	0.21	cps
Zinc	66-2	13320	13590	13607	13505	1.19	cps
Zirconium	90-1	663	613	577	618	7.04	cps
Zirconium	91-1	123	153	113	130	16.01	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	CCV067	Instrumnet Name :	P8
Client Sample ID :	CCV067	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:04:13	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3332650	3250346	3281982	3288326	1.26	cps
Antimony	121-1	3715642	3741800	3730444	3729295	0.35	cps
Arsenic	75-2	103074	102423	102487	102661	0.35	cps
Barium	135-1	4343254	4373479	4341784	4352839	0.41	cps
Barium	137-1	7454243	7632438	7561334	7549339	1.19	cps
Beryllium	9-1	728623	741249	731061	733645	0.91	cps
Bismuth	209-1	6382937	6363549	6243115	6329867	1.20	cps
Bismuth	209-2	3389984	3399209	3370943	3386712	0.43	cps
Bromine	81-1	3841	3717	3941	3833	2.92	cps
Cadmium	108-1	73270	73545	72677	73164	0.61	cps
Cadmium	106-1	100386	101655	101427	101156	0.67	cps
Cadmium	111-1	917086	928123	937217	927476	1.09	cps
Calcium	43-1	6209487	6258935	6026334	6164919	1.99	cps
Calcium	44-1	99268012	101093792	97985025	99448943	1.57	cps
Carbon	12-1	2468650	2530075	2529985	2509570	1.41	cps
Carbon	12-2	35710	36014	36305	36010	0.83	cps
Chlorine	35-1	2693075	2508156	2333044	2511425	7.17	cps
Chlorine	35-2	16783	15632	14107	15507	8.66	cps
Chromium	52-2	1218939	1216057	1211345	1215447	0.32	cps
Cobalt	59-2	2276710	2277683	2266468	2273620	0.27	cps
Copper	63-2	18302368	18226349	18082340	18203686	0.61	cps
Dysprosium	156-1	853	963	933	917	6.20	cps
Dysprosium	156-2	360	463	453	426	13.39	cps
Erbium	164-1	177	180	153	170	8.54	cps
Erbium	164-2	107	83	80	90	16.15	cps
Gadolinium	160-1	1013	1017	957	996	3.39	cps
Gadolinium	160-2	620	627	607	618	1.65	cps
Holmium	165-1	10058572	10053687	10100282	10070847	0.25	cps
Holmium	165-2	4553178	4587258	4587202	4575879	0.43	cps
Indium	115-1	7529920	7361573	7234741	7375411	2.01	cps
Indium	115-2	1110198	1107351	1104319	1107289	0.27	cps
Iron	54-2	13802844	14110761	13779088	13897565	1.33	cps
Iron	56-2	248474450	250445170	246923443	248614354	0.71	cps
Iron	57-2	6339863	6280240	6252014	6290706	0.71	cps
Krypton	83-1	197	173	193	188	6.72	cps
Lead	206-1	16721522	17094970	16468806	16761766	1.88	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	CCV067	Instrumnet Name :	P8
Client Sample ID :	CCV067	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:04:13	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	14209003	14715777	14232073	14385618	1.99	cps
Lead	208-1	66198064	67505937	65773560	66492521	1.36	cps
Lithium	6-1	1915854	1842037	1860953	1872948	2.05	cps
Magnesium	24-2	46466299	47091998	46660574	46739624	0.69	cps
Manganese	55-2	6068888	6210998	6192719	6157535	1.26	cps
Molybdenum	94-1	14629605	14912319	14750839	14764254	0.96	cps
Molybdenum	95-1	21440198	21640851	21309527	21463525	0.78	cps
Molybdenum	96-1	23379501	23581189	23372017	23444236	0.51	cps
Molybdenum	97-1	13376019	13280165	13278345	13311510	0.42	cps
Molybdenum	98-1	34680802	33808495	34323654	34270984	1.28	cps
Neodymium	150-1	327	280	270	292	10.35	cps
Neodymium	150-2	57	60	60	59	3.26	cps
Nickel	60-2	589892	589848	584531	588090	0.52	cps
Phosphorus	31-2	30489	30833	30539	30620	0.61	cps
Potassium	39-2	16112638	15682476	15603140	15799418	1.74	cps
Rhodium	103-1	7404434	7111163	7019506	7178368	2.80	cps
Rhodium	103-2	3485789	3431040	3456279	3457702	0.79	cps
Scandium	45-1	5222597	5122234	5182780	5175870	0.98	cps
Scandium	45-2	184938	187809	187437	186728	0.84	cps
Selenium	82-1	61485	61646	61308	61479	0.28	cps
Selenium	77-2	1974	2074	1850	1966	5.69	cps
Selenium	78-2	6835	6615	6855	6768	1.97	cps
Silicon	28-1	2644093	2582383	2623002	2616493	1.20	cps
Silver	107-1	5049232	5053692	4965811	5022912	0.99	cps
Silver	109-1	4897167	4836950	4917561	4883893	0.86	cps
Sodium	23-2	82228042	84499077	84513822	83746980	1.57	cps
Strontium	86-1	31123924	31601112	31026054	31250363	0.98	cps
Strontium	88-1	271116243	271380103	269561729	270686025	0.36	cps
Sulfur	34-1	643406	639115	645176	642565	0.49	cps
Terbium	159-1	10173402	10166856	10185206	10175155	0.09	cps
Terbium	159-2	4504968	4595609	4572707	4557761	1.03	cps
Thallium	203-1	4088715	4030723	3967726	4029055	1.50	cps
Thallium	205-1	9555260	9516352	9439451	9503688	0.62	cps
Tin	118-1	3178172	3147966	3108373	3144837	1.11	cps
Titanium	47-1	5744446	5708262	5734227	5728978	0.33	cps
Uranium	238-1	14349989	14071485	14247055	14222843	0.99	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	CCV067	Instrumnet Name :	P8
Client Sample ID :	CCV067	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:04:13	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	972927	975042	964810	970926	0.56	cps
Ytterbium	172-1	230	233	213	226	4.75	cps
Ytterbium	172-2	100	127	120	116	12.01	cps
Ytterbium	176-1	18203	18440	17725	18123	2.01	cps
Ytterbium	176-2	15723	16200	16283	16069	1.88	cps
Yttrium	89-1	11015257	11007955	10802680	10941964	1.10	cps
Yttrium	89-2	1212157	1215465	1212907	1213510	0.14	cps
Zinc	66-2	2035759	2045178	2005308	2028748	1.03	cps
Zirconium	90-1	6829163	7109763	6861663	6933530	2.21	cps
Zirconium	91-1	1559318	1589440	1563697	1570818	1.04	cps

LB Number : LB127737 Operator : Jaswal
 Lab Sample ID : CCB067 Instrumnet Name : P8
 Client Sample ID : CCB067 Dilution Factor : 1
 Date & Time Acquired : 2023-10-11 12:09:54 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90	160	173	141	31.72	cps
Antimony	121-1	487	803	1030	773	35.29	cps
Arsenic	75-2	0	0	13	4	173.21	cps
Barium	135-1	67	113	70	83	31.24	cps
Barium	137-1	107	123	127	119	9.01	cps
Beryllium	9-1	90	84	124	99	21.70	cps
Bismuth	209-1	6751295	6654764	6884022	6763360	1.70	cps
Bismuth	209-2	3735860	3670221	3717351	3707811	0.91	cps
Bromine	81-1	2950	3247	3084	3094	4.80	cps
Cadmium	108-1	27	20	17	21	24.12	cps
Cadmium	106-1	2510	2567	2584	2554	1.51	cps
Cadmium	111-1	1782	1840	1860	1827	2.22	cps
Calcium	43-1	193	277	380	283	33.01	cps
Calcium	44-1	55179	54577	56591	55449	1.86	cps
Carbon	12-1	1857618	1884238	1921571	1887809	1.70	cps
Carbon	12-2	23799	24177	23829	23935	0.88	cps
Chlorine	35-1	844848	812316	780351	812505	3.97	cps
Chlorine	35-2	5925	5521	5631	5692	3.66	cps
Chromium	52-2	1533	1813	1587	1645	9.04	cps
Cobalt	59-2	140	163	190	164	15.21	cps
Copper	63-2	920	900	1020	947	6.79	cps
Dysprosium	156-1	3	7	7	6	34.70	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	70	70	77	72	5.33	cps
Erbium	164-2	40	33	20	31	32.73	cps
Gadolinium	160-1	67	77	73	72	7.05	cps
Gadolinium	160-2	117	97	110	108	9.45	cps
Holmium	165-1	9907162	9687688	10003694	9866181	1.64	cps
Holmium	165-2	4678304	4787268	4599634	4688402	2.01	cps
Indium	115-1	7702903	7694126	8033629	7810219	2.48	cps
Indium	115-2	1176737	1183208	1187635	1182527	0.46	cps
Iron	54-2	507	480	723	570	23.42	cps
Iron	56-2	4487	4441	6937	5288	27.00	cps
Iron	57-2	137	150	247	178	33.77	cps
Krypton	83-1	173	213	207	198	10.83	cps
Lead	206-1	947	983	4103	2011	90.10	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	CCB067	Instrumnet Name :	P8
Client Sample ID :	CCB067	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:09:54	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	957	1003	3475	1812	79.51	cps
Lead	208-1	4277	4464	14910	7883	77.19	cps
Lithium	6-1	1909041	1963774	2004788	1959201	2.45	cps
Magnesium	24-2	197	223	600	340	66.35	cps
Manganese	55-2	87	117	150	118	26.90	cps
Molybdenum	94-1	507	2280	597	1128	88.58	cps
Molybdenum	95-1	683	2448	640	1257	82.05	cps
Molybdenum	96-1	657	2508	710	1291	81.58	cps
Molybdenum	97-1	320	1308	340	656	86.08	cps
Molybdenum	98-1	827	2835	857	1506	76.42	cps
Neodymium	150-1	17	3	10	10	66.70	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	80	93	50	74	29.81	cps
Phosphorus	31-2	87	110	133	110	21.21	cps
Potassium	39-2	14608	14604	14387	14533	0.87	cps
Rhodium	103-1	7674487	7888546	8045530	7869521	2.37	cps
Rhodium	103-2	3849865	3709212	3814001	3791026	1.93	cps
Scandium	45-1	5364487	5320601	5349021	5344703	0.42	cps
Scandium	45-2	188110	189558	189845	189171	0.49	cps
Selenium	82-1	30	-7	-27	-1	-2581.50	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	17	3	17	12	63.01	cps
Silicon	28-1	183282	184940	183590	183937	0.48	cps
Silver	107-1	137	243	170	183	29.77	cps
Silver	109-1	147	170	117	144	18.51	cps
Sodium	23-2	81710	81097	81134	81314	0.42	cps
Strontium	86-1	490	1565	717	924	61.33	cps
Strontium	88-1	1964	27957	2770	10897	135.63	cps
Sulfur	34-1	292099	292670	294465	293078	0.42	cps
Terbium	159-1	9914162	10028959	10232296	10058472	1.60	cps
Terbium	159-2	4629204	4689406	4645263	4654624	0.67	cps
Thallium	203-1	503	493	1010	669	44.19	cps
Thallium	205-1	1110	1333	3178	1874	60.57	cps
Tin	118-1	620	640	660	640	3.13	cps
Titanium	47-1	140	133	270	181	42.55	cps
Uranium	238-1	493	413	2154	1020	96.31	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	CCB067	Instrumnet Name :	P8
Client Sample ID :	CCB067	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:09:54	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	27	33	47	36	28.64	cps
Ytterbium	172-1	27	57	53	46	36.09	cps
Ytterbium	172-2	37	17	27	27	37.50	cps
Ytterbium	176-1	1173	1023	1050	1082	7.39	cps
Ytterbium	176-2	8129	8633	8386	8383	3.00	cps
Yttrium	89-1	11482419	11236684	11528520	11415874	1.37	cps
Yttrium	89-2	1245592	1251027	1249451	1248690	0.22	cps
Zinc	66-2	2464	2524	2400	2462	2.50	cps
Zirconium	90-1	513	1448	743	901	54.00	cps
Zirconium	91-1	113	270	150	178	46.10	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	PB155893BL	Instrumnet Name :	P8
Client Sample ID :	PBW893	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:13:21	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	147	123	100	123	18.92	cps
Antimony	121-1	253	350	437	347	26.46	cps
Arsenic	75-2	3	7	7	6	34.70	cps
Barium	135-1	97	67	63	76	24.30	cps
Barium	137-1	143	120	90	118	22.70	cps
Beryllium	9-1	84	81	72	79	7.46	cps
Bismuth	209-1	6922779	6927118	6773810	6874569	1.27	cps
Bismuth	209-2	3621021	3604838	3990649	3738836	5.84	cps
Bromine	81-1	3090	3164	3150	3135	1.25	cps
Cadmium	108-1	13	10	13	12	15.73	cps
Cadmium	106-1	2807	2644	2654	2701	3.39	cps
Cadmium	111-1	1986	1877	1875	1912	3.31	cps
Calcium	43-1	253	193	200	216	15.26	cps
Calcium	44-1	53169	52710	51676	52518	1.46	cps
Carbon	12-1	1860922	1845031	1830990	1845647	0.81	cps
Carbon	12-2	24040	23659	24053	23917	0.94	cps
Chlorine	35-1	597819	575222	559569	577537	3.33	cps
Chlorine	35-2	4424	4497	4217	4380	3.32	cps
Chromium	52-2	2364	1847	1813	2008	15.36	cps
Cobalt	59-2	413	133	130	226	72.11	cps
Copper	63-2	2528	990	1057	1525	57.02	cps
Dysprosium	156-1	7	3	3	4	43.40	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	80	57	87	74	21.16	cps
Erbium	164-2	23	30	33	29	17.63	cps
Gadolinium	160-1	63	83	50	66	25.59	cps
Gadolinium	160-2	97	137	70	101	33.19	cps
Holmium	165-1	9895573	10180872	9908283	9994909	1.61	cps
Holmium	165-2	4679671	4636171	5191076	4835639	6.38	cps
Indium	115-1	7766625	7930843	7827550	7841673	1.06	cps
Indium	115-2	1191012	1175695	1325116	1230608	6.68	cps
Iron	54-2	6825	507	600	2644	136.97	cps
Iron	56-2	90917	5538	5171	33875	145.83	cps
Iron	57-2	1969	143	183	765	136.26	cps
Krypton	83-1	170	197	180	182	7.39	cps
Lead	206-1	1454	837	803	1031	35.51	cps

LB Number : LB127737 Operator : Jaswal
 Lab Sample ID : PB155893BL Instrumnet Name : P8
 Client Sample ID : PBW893 Dilution Factor : 1
 Date & Time Acquired : 2023-10-11 12:13:21 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1100	657	780	846	27.07	cps
Lead	208-1	5255	3387	3220	3954	28.57	cps
Lithium	6-1	1935834	1981699	2014961	1977498	2.01	cps
Magnesium	24-2	643	167	233	348	74.23	cps
Manganese	55-2	1455	130	167	584	129.24	cps
Molybdenum	94-1	373	363	307	348	10.34	cps
Molybdenum	95-1	330	253	197	260	25.74	cps
Molybdenum	96-1	310	297	303	303	2.20	cps
Molybdenum	97-1	187	147	140	158	16.00	cps
Molybdenum	98-1	413	363	327	368	11.83	cps
Neodymium	150-1	7	10	7	8	24.71	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	300	237	213	250	17.94	cps
Phosphorus	31-2	103	90	70	88	19.12	cps
Potassium	39-2	19116	13954	13900	15657	19.14	cps
Rhodium	103-1	8082113	7901667	7852067	7945282	1.52	cps
Rhodium	103-2	3780028	3765816	4213223	3919689	6.49	cps
Scandium	45-1	5405006	5235186	5507066	5382419	2.55	cps
Scandium	45-2	191936	189775	213449	198387	6.60	cps
Selenium	82-1	10	-10	-17	-6	-249.85	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	13	13	17	14	13.35	cps
Silicon	28-1	184454	183115	184899	184156	0.50	cps
Silver	107-1	147	117	117	127	13.67	cps
Silver	109-1	87	83	80	83	4.00	cps
Sodium	23-2	80746	77447	77564	78586	2.38	cps
Strontium	86-1	470	380	353	401	15.24	cps
Strontium	88-1	1714	657	623	998	62.15	cps
Sulfur	34-1	301496	300485	300476	300819	0.19	cps
Terbium	159-1	10075414	10108397	10105369	10096393	0.18	cps
Terbium	159-2	4637763	4617233	5137609	4797535	6.14	cps
Thallium	203-1	630	513	467	537	15.68	cps
Thallium	205-1	1460	1100	963	1175	21.85	cps
Tin	118-1	553	587	617	586	5.41	cps
Titanium	47-1	120	117	130	122	5.68	cps
Uranium	238-1	457	337	377	390	15.67	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	PB155893BL	Instrumnet Name :	P8
Client Sample ID :	PBW893	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:13:21	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	357	13	20	130	151.03	cps
Ytterbium	172-1	80	70	70	73	7.87	cps
Ytterbium	172-2	37	43	47	42	12.06	cps
Ytterbium	176-1	1197	1103	1150	1150	4.06	cps
Ytterbium	176-2	8373	8126	9393	8631	7.79	cps
Yttrium	89-1	11373934	11359164	11415759	11382952	0.26	cps
Yttrium	89-2	1259158	1238522	1422335	1306671	7.71	cps
Zinc	66-2	2720	2240	2717	2559	10.79	cps
Zirconium	90-1	577	547	523	549	4.87	cps
Zirconium	91-1	97	60	140	99	40.50	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	PB155893BS	Instrumnet Name :	P8
Client Sample ID :	LCS893	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:16:46	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2600	2244	2387	2410	7.45	cps
Antimony	121-1	24275	24876	23601	24251	2.63	cps
Arsenic	75-2	450	357	363	390	13.35	cps
Barium	135-1	26626	27268	26880	26925	1.20	cps
Barium	137-1	47787	46928	46590	47102	1.31	cps
Beryllium	9-1	2521	2556	2734	2604	4.38	cps
Bismuth	209-1	6765738	6808736	6904798	6826424	1.04	cps
Bismuth	209-2	3689163	3710866	3658059	3686029	0.72	cps
Bromine	81-1	3124	3134	3050	3103	1.47	cps
Cadmium	108-1	260	293	253	269	7.97	cps
Cadmium	106-1	3150	3194	2997	3114	3.32	cps
Cadmium	111-1	5327	5701	5474	5501	3.42	cps
Calcium	43-1	18926	18829	18489	18748	1.23	cps
Calcium	44-1	348602	353411	354590	352201	0.90	cps
Carbon	12-1	2122671	2091930	2137538	2117380	1.10	cps
Carbon	12-2	27012	26244	26430	26562	1.51	cps
Chlorine	35-1	464998	450985	440440	452141	2.72	cps
Chlorine	35-2	3417	3580	3264	3420	4.63	cps
Chromium	52-2	9890	9813	9253	9652	3.60	cps
Cobalt	59-2	7672	7652	7605	7643	0.45	cps
Copper	63-2	13764	13396	13563	13574	1.35	cps
Dysprosium	156-1	0	13	10	8	89.21	cps
Dysprosium	156-2	10	10	7	9	21.63	cps
Erbium	164-1	77	57	80	71	17.74	cps
Erbium	164-2	30	33	20	28	24.98	cps
Gadolinium	160-1	67	83	103	84	21.74	cps
Gadolinium	160-2	113	60	107	93	31.14	cps
Holmium	165-1	10097472	10043788	10280288	10140516	1.22	cps
Holmium	165-2	4668256	4642303	4623462	4644674	0.48	cps
Indium	115-1	7959781	7896951	7974000	7943577	0.52	cps
Indium	115-2	1193721	1187736	1199433	1193630	0.49	cps
Iron	54-2	37564	37068	36757	37130	1.10	cps
Iron	56-2	685866	657393	655610	666290	2.55	cps
Iron	57-2	16730	16817	16366	16638	1.44	cps
Krypton	83-1	183	163	167	171	6.26	cps
Lead	206-1	10975	11595	10968	11179	3.22	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	PB155893BS	Instrumnet Name :	P8
Client Sample ID :	LCS893	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:16:46	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	9740	9781	9560	9694	1.21	cps
Lead	208-1	43896	45188	43826	44303	1.73	cps
Lithium	6-1	2017486	2019322	2044947	2027252	0.76	cps
Magnesium	24-2	156552	152889	152611	154017	1.43	cps
Manganese	55-2	2470	2194	2064	2242	9.27	cps
Molybdenum	94-1	26312	26722	25690	26241	1.98	cps
Molybdenum	95-1	32401	31816	32725	32314	1.43	cps
Molybdenum	96-1	35462	35779	35368	35537	0.61	cps
Molybdenum	97-1	20338	20185	20095	20206	0.61	cps
Molybdenum	98-1	50083	51385	50244	50571	1.40	cps
Neodymium	150-1	27	13	13	18	43.33	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	1927	2087	2147	2054	5.54	cps
Phosphorus	31-2	153	70	90	104	41.66	cps
Potassium	39-2	116748	114242	112239	114410	1.97	cps
Rhodium	103-1	7997599	7799999	8332337	8043312	3.35	cps
Rhodium	103-2	3837578	3832082	3801207	3823622	0.51	cps
Scandium	45-1	5399097	5454492	5653869	5502486	2.44	cps
Scandium	45-2	192769	191779	190592	191713	0.57	cps
Selenium	82-1	1097	1173	1113	1128	3.58	cps
Selenium	77-2	37	17	40	31	40.56	cps
Selenium	78-2	140	123	123	129	7.46	cps
Silicon	28-1	273643	275918	273291	274284	0.52	cps
Silver	107-1	14808	16050	15335	15398	4.05	cps
Silver	109-1	14057	15813	15355	15075	6.04	cps
Sodium	23-2	340237	334276	333212	335908	1.13	cps
Strontium	86-1	4201	4174	4367	4247	2.47	cps
Strontium	88-1	34593	35479	34543	34872	1.51	cps
Sulfur	34-1	306144	308753	305077	306658	0.62	cps
Terbium	159-1	10243375	10110863	10578445	10310894	2.34	cps
Terbium	159-2	4706341	4617799	4677964	4667368	0.97	cps
Thallium	203-1	12329	12549	12439	12439	0.89	cps
Thallium	205-1	30543	30469	31041	30684	1.01	cps
Tin	118-1	687	1024	657	789	25.82	cps
Titanium	47-1	9617	9600	9783	9667	1.05	cps
Uranium	238-1	42257	42451	41538	42082	1.14	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	PB155893BS	Instrumnet Name :	P8
Client Sample ID :	LCS893	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:16:46	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	15739	15635	15919	15764	0.91	cps
Ytterbium	172-1	70	57	53	60	14.70	cps
Ytterbium	172-2	33	33	30	32	5.97	cps
Ytterbium	176-1	1083	1103	1187	1125	4.87	cps
Ytterbium	176-2	8643	8429	8236	8436	2.41	cps
Yttrium	89-1	11611643	11283772	11669043	11521486	1.80	cps
Yttrium	89-2	1250678	1256623	1263513	1256938	0.51	cps
Zinc	66-2	5798	5668	5848	5771	1.61	cps
Zirconium	90-1	22649	22568	21710	22309	2.33	cps
Zirconium	91-1	4958	5051	4971	4993	1.01	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	O4561-09	Instrumnet Name :	P8
Client Sample ID :	MEZYP6	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:20:12	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	927	947	763	879	11.44	cps
Antimony	121-1	180	200	340	240	36.33	cps
Arsenic	75-2	0	3	0	1	173.21	cps
Barium	135-1	317	263	237	272	14.96	cps
Barium	137-1	503	483	480	489	2.58	cps
Beryllium	9-1	71	80	69	73	8.06	cps
Bismuth	209-1	6598026	6769784	6760891	6709567	1.44	cps
Bismuth	209-2	3765210	3764717	3685478	3738468	1.23	cps
Bromine	81-1	2754	2677	2864	2765	3.39	cps
Cadmium	108-1	10	0	7	6	91.64	cps
Cadmium	106-1	2827	2594	2677	2699	4.38	cps
Cadmium	111-1	2029	1842	1903	1924	4.94	cps
Calcium	43-1	1530	1583	1824	1646	9.50	cps
Calcium	44-1	73155	73179	81775	76036	6.54	cps
Carbon	12-1	2997146	3663508	4009222	3556625	14.46	cps
Carbon	12-2	56431	58570	59112	58038	2.44	cps
Chlorine	35-1	387158	384241	377773	383057	1.25	cps
Chlorine	35-2	2927	2880	3030	2946	2.61	cps
Chromium	52-2	1813	1760	2080	1885	9.10	cps
Cobalt	59-2	87	183	123	131	37.22	cps
Copper	63-2	1170	1961	1347	1493	27.81	cps
Dysprosium	156-1	7	10	20	12	56.76	cps
Dysprosium	156-2	0	3	20	8	137.80	cps
Erbium	164-1	77	110	73	87	23.40	cps
Erbium	164-2	50	43	50	48	8.06	cps
Gadolinium	160-1	97	77	87	87	11.54	cps
Gadolinium	160-2	90	117	137	114	20.46	cps
Holmium	165-1	9689616	9754246	10148548	9864137	2.52	cps
Holmium	165-2	4719127	4725388	4658909	4701141	0.78	cps
Indium	115-1	7525658	7772142	8002618	7766806	3.07	cps
Indium	115-2	1204032	1204583	1210223	1206279	0.28	cps
Iron	54-2	1470	1490	1543	1501	2.53	cps
Iron	56-2	22151	22261	21854	22088	0.95	cps
Iron	57-2	580	607	547	578	5.20	cps
Krypton	83-1	227	197	190	204	9.55	cps
Lead	206-1	1573	1693	1583	1617	4.12	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	O4561-09	Instrumnet Name :	P8
Client Sample ID :	MEZYP6	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:20:12	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1510	1330	1453	1431	6.43	cps
Lead	208-1	6681	6221	6487	6463	3.57	cps
Lithium	6-1	1914393	2014721	2022796	1983970	3.04	cps
Magnesium	24-2	2587	2717	2484	2596	4.51	cps
Manganese	55-2	2204	2224	2224	2217	0.52	cps
Molybdenum	94-1	470	377	767	538	37.88	cps
Molybdenum	95-1	253	150	677	360	77.54	cps
Molybdenum	96-1	290	300	630	407	47.59	cps
Molybdenum	97-1	157	147	360	221	54.46	cps
Molybdenum	98-1	380	250	764	465	57.48	cps
Neodymium	150-1	23	13	40	26	52.73	cps
Neodymium	150-2	10	7	10	9	21.63	cps
Nickel	60-2	127	213	170	170	25.49	cps
Phosphorus	31-2	147	140	103	130	17.95	cps
Potassium	39-2	13173	12819	13046	13013	1.38	cps
Rhodium	103-1	7552382	7910026	8029889	7830766	3.17	cps
Rhodium	103-2	3797129	3844964	3747928	3796673	1.28	cps
Scandium	45-1	5162584	5354790	5477930	5331768	2.98	cps
Scandium	45-2	193295	193577	192024	192965	0.43	cps
Selenium	82-1	-40	-7	-60	-36	-75.77	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	10	0	17	9	94.38	cps
Silicon	28-1	395617	420635	437768	418007	5.07	cps
Silver	107-1	210	167	197	191	11.61	cps
Silver	109-1	223	123	153	167	30.79	cps
Sodium	23-2	67572	67653	67023	67416	0.51	cps
Strontium	86-1	650	633	2129	1137	75.50	cps
Strontium	88-1	4044	3430	14037	7170	83.04	cps
Sulfur	34-1	305327	305593	303421	304780	0.39	cps
Terbium	159-1	9782574	9994325	10602724	10126541	4.20	cps
Terbium	159-2	4758477	4706596	4754043	4739705	0.61	cps
Thallium	203-1	300	210	203	238	22.71	cps
Thallium	205-1	777	503	430	570	32.05	cps
Tin	118-1	2097	2067	2200	2121	3.30	cps
Titanium	47-1	900	907	1551	1119	33.39	cps
Uranium	238-1	367	317	383	356	9.76	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	O4561-09	Instrumnet Name :	P8
Client Sample ID :	MEZYP6	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:20:12	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	63	47	50	53	16.53	cps
Ytterbium	172-1	83	57	77	72	19.21	cps
Ytterbium	172-2	57	43	57	52	14.75	cps
Ytterbium	176-1	1107	1140	1070	1106	3.17	cps
Ytterbium	176-2	8603	8913	8566	8694	2.19	cps
Yttrium	89-1	10910835	11343179	11600311	11284775	3.09	cps
Yttrium	89-2	1265667	1264981	1271898	1267515	0.30	cps
Zinc	66-2	2810	2780	2844	2811	1.13	cps
Zirconium	90-1	863	867	1067	932	12.49	cps
Zirconium	91-1	137	200	227	188	24.62	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	CCV068	Instrumnet Name :	P8
Client Sample ID :	CCV068	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:26:33	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3356242	3351144	3300530	3335972	0.92	cps
Antimony	121-1	3693802	3805577	3635125	3711501	2.33	cps
Arsenic	75-2	102675	103259	102587	102840	0.36	cps
Barium	135-1	4369069	4312563	4330221	4337284	0.67	cps
Barium	137-1	7356282	7600377	7521902	7492853	1.66	cps
Beryllium	9-1	738053	735909	731671	735211	0.44	cps
Bismuth	209-1	6346409	6347151	6269051	6320870	0.71	cps
Bismuth	209-2	3262629	3376107	3338577	3325771	1.74	cps
Bromine	81-1	2950	3034	3280	3088	5.56	cps
Cadmium	108-1	73505	71839	72282	72542	1.19	cps
Cadmium	106-1	99975	99365	102061	100467	1.41	cps
Cadmium	111-1	918518	919128	915620	917755	0.20	cps
Calcium	43-1	6055067	6101330	5949424	6035274	1.29	cps
Calcium	44-1	98802739	99257442	97635232	98565137	0.85	cps
Carbon	12-1	2526053	2615808	2634978	2592280	2.24	cps
Carbon	12-2	37812	37297	37702	37604	0.72	cps
Chlorine	35-1	293119	289498	290847	291155	0.63	cps
Chlorine	35-2	2220	2354	2274	2282	2.94	cps
Chromium	52-2	1197810	1203209	1203512	1201510	0.27	cps
Cobalt	59-2	2288272	2312323	2271308	2290635	0.90	cps
Copper	63-2	17924206	17805391	17955273	17894956	0.44	cps
Dysprosium	156-1	767	813	820	800	3.63	cps
Dysprosium	156-2	413	457	487	452	8.15	cps
Erbium	164-1	200	213	170	194	11.42	cps
Erbium	164-2	100	87	77	88	13.33	cps
Gadolinium	160-1	980	1057	923	987	6.78	cps
Gadolinium	160-2	630	697	573	633	9.75	cps
Holmium	165-1	9722712	9746845	9839116	9769557	0.63	cps
Holmium	165-2	4555838	4669346	4619971	4615051	1.23	cps
Indium	115-1	7206429	7225626	7114695	7182250	0.83	cps
Indium	115-2	1103088	1109449	1112804	1108447	0.45	cps
Iron	54-2	13718028	13762686	13774049	13751587	0.22	cps
Iron	56-2	247056170	249454356	245012570	247174365	0.90	cps
Iron	57-2	6374944	6223723	6311862	6303510	1.20	cps
Krypton	83-1	243	243	187	224	14.58	cps
Lead	206-1	16401938	16672910	16111096	16395315	1.71	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	CCV068	Instrumnet Name :	P8
Client Sample ID :	CCV068	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:26:33	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	14104334	14425423	13894061	14141273	1.89	cps
Lead	208-1	65571718	66267934	64160788	65333480	1.64	cps
Lithium	6-1	1844092	1799740	1814002	1819278	1.24	cps
Magnesium	24-2	46646856	46688806	44941311	46092324	2.16	cps
Manganese	55-2	6183887	6178042	6114309	6158746	0.63	cps
Molybdenum	94-1	14765074	14677710	14455460	14632748	1.09	cps
Molybdenum	95-1	21149786	21599218	20970629	21239878	1.52	cps
Molybdenum	96-1	22918095	22847690	22843463	22869749	0.18	cps
Molybdenum	97-1	13157284	13291980	13166239	13205168	0.57	cps
Molybdenum	98-1	33770048	33688271	33678492	33712270	0.15	cps
Neodymium	150-1	310	293	310	304	3.16	cps
Neodymium	150-2	60	63	60	61	3.15	cps
Nickel	60-2	582016	581114	583644	582258	0.22	cps
Phosphorus	31-2	29794	31411	30165	30456	2.78	cps
Potassium	39-2	15954371	15715817	15886361	15852183	0.78	cps
Rhodium	103-1	7059391	7110537	6912172	7027367	1.47	cps
Rhodium	103-2	3396174	3500946	3481378	3459499	1.61	cps
Scandium	45-1	5256196	5110880	5040819	5135965	2.14	cps
Scandium	45-2	182247	184682	183933	183620	0.68	cps
Selenium	82-1	60377	60176	59457	60003	0.81	cps
Selenium	77-2	2030	1950	1857	1946	4.46	cps
Selenium	78-2	6915	6735	6732	6794	1.54	cps
Silicon	28-1	2597694	2613350	2579402	2596815	0.65	cps
Silver	107-1	5022254	5045010	4991784	5019682	0.53	cps
Silver	109-1	4941487	4781832	4714295	4812538	2.42	cps
Sodium	23-2	84551404	83021157	82155910	83242824	1.46	cps
Strontium	86-1	30645489	31214087	30400396	30753324	1.36	cps
Strontium	88-1	268151603	270385796	260959836	266499078	1.85	cps
Sulfur	34-1	645905	643505	637796	642402	0.65	cps
Terbium	159-1	9945948	10229159	9677914	9951007	2.77	cps
Terbium	159-2	4502158	4532906	4531939	4522335	0.39	cps
Thallium	203-1	3988112	4045558	4001521	4011730	0.75	cps
Thallium	205-1	9609148	9443575	9340859	9464527	1.43	cps
Tin	118-1	3095701	3125765	3124629	3115365	0.55	cps
Titanium	47-1	5730570	5619378	5613543	5654497	1.17	cps
Uranium	238-1	14441392	14025138	13814219	14093583	2.26	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	CCV068	Instrumnet Name :	P8
Client Sample ID :	CCV068	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:26:33	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	963932	962800	966171	964301	0.18	cps
Ytterbium	172-1	187	150	170	169	10.87	cps
Ytterbium	172-2	87	100	127	104	19.50	cps
Ytterbium	176-1	17328	17355	17639	17441	0.99	cps
Ytterbium	176-2	16287	16557	16247	16364	1.03	cps
Yttrium	89-1	10889964	10537357	10853270	10760197	1.80	cps
Yttrium	89-2	1212114	1212124	1221617	1215285	0.45	cps
Zinc	66-2	2030743	2040085	2029541	2033456	0.28	cps
Zirconium	90-1	6781193	6790633	6899357	6823728	0.96	cps
Zirconium	91-1	1587557	1542602	1553732	1561297	1.50	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	CCB068	Instrumnet Name :	P8
Client Sample ID :	CCB068	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:31:49	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	157	87	257	167	51.27	cps
Antimony	121-1	573	777	1477	942	50.30	cps
Arsenic	75-2	30	10	0	13	114.56	cps
Barium	135-1	140	70	223	144	53.15	cps
Barium	137-1	237	160	437	278	51.44	cps
Beryllium	9-1	416	94	111	207	87.59	cps
Bismuth	209-1	6297782	6822711	6878726	6666406	4.81	cps
Bismuth	209-2	3760538	3711615	3665589	3712581	1.28	cps
Bromine	81-1	3017	3017	3137	3057	2.27	cps
Cadmium	108-1	13	13	30	19	50.96	cps
Cadmium	106-1	2300	2680	2494	2491	7.63	cps
Cadmium	111-1	1644	1904	1851	1800	7.62	cps
Calcium	43-1	1218	197	233	549	105.45	cps
Calcium	44-1	63195	50692	50318	54735	13.39	cps
Carbon	12-1	1963545	1969029	2031793	1988123	1.91	cps
Carbon	12-2	25389	25683	24958	25343	1.44	cps
Chlorine	35-1	235419	228573	227616	230536	1.85	cps
Chlorine	35-2	1743	1753	1727	1741	0.77	cps
Chromium	52-2	1637	1787	1770	1731	4.75	cps
Cobalt	59-2	567	123	133	275	92.25	cps
Copper	63-2	4629	867	1080	2192	96.41	cps
Dysprosium	156-1	3	10	3	6	69.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	73	60	57	63	13.92	cps
Erbium	164-2	40	40	33	38	10.19	cps
Gadolinium	160-1	67	70	63	67	5.00	cps
Gadolinium	160-2	80	120	97	99	20.32	cps
Holmium	165-1	9071046	9932287	9663481	9555605	4.61	cps
Holmium	165-2	4642746	4571428	4631072	4615082	0.83	cps
Indium	115-1	7247502	7806985	7699004	7584497	3.91	cps
Indium	115-2	1184806	1190168	1191734	1188903	0.31	cps
Iron	54-2	593	480	793	622	25.50	cps
Iron	56-2	21339	5244	10265	12283	67.05	cps
Iron	57-2	1188	190	273	550	100.58	cps
Krypton	83-1	230	220	177	209	13.57	cps
Lead	206-1	1483	1343	1453	1427	5.17	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	CCB068	Instrumnet Name :	P8
Client Sample ID :	CCB068	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:31:49	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1247	1107	1150	1168	6.14	cps
Lead	208-1	5924	5040	5424	5463	8.11	cps
Lithium	6-1	1897230	1988752	2010589	1965524	3.06	cps
Magnesium	24-2	1170	400	3868	1813	100.45	cps
Manganese	55-2	120	153	313	196	52.86	cps
Molybdenum	94-1	1020	680	4964	2221	107.19	cps
Molybdenum	95-1	1120	940	5970	2677	106.60	cps
Molybdenum	96-1	1280	1150	5497	2642	93.58	cps
Molybdenum	97-1	637	497	2820	1318	98.85	cps
Molybdenum	98-1	1667	1347	5948	2987	86.00	cps
Neodymium	150-1	10	13	13	12	15.73	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	200	63	57	107	75.85	cps
Phosphorus	31-2	80	40	83	68	35.58	cps
Potassium	39-2	16203	16163	16493	16286	1.11	cps
Rhodium	103-1	7334119	7782342	7847009	7654490	3.65	cps
Rhodium	103-2	3845279	3769177	3796131	3803529	1.01	cps
Scandium	45-1	5043963	5389708	5428051	5287240	4.00	cps
Scandium	45-2	192682	190435	187244	190120	1.44	cps
Selenium	82-1	-50	-23	40	-11	-416.09	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	17	10	3	10	66.70	cps
Silicon	28-1	188578	185544	185146	186422	1.01	cps
Silver	107-1	267	233	774	425	71.32	cps
Silver	109-1	257	173	503	311	55.17	cps
Sodium	23-2	88376	86987	93573	89645	3.87	cps
Strontium	86-1	2075	600	14967	5881	134.39	cps
Strontium	88-1	11988	3064	143439	52831	148.77	cps
Sulfur	34-1	293548	289013	292459	291673	0.81	cps
Terbium	159-1	9544169	10332152	10312224	10062848	4.46	cps
Terbium	159-2	4723732	4596576	4663019	4661109	1.36	cps
Thallium	203-1	303	347	423	358	16.99	cps
Thallium	205-1	933	833	950	906	6.97	cps
Tin	118-1	847	723	813	795	8.03	cps
Titanium	47-1	750	190	217	386	81.96	cps
Uranium	238-1	710	310	430	483	42.48	cps

LB Number :	LB127737	Operator :	Jaswal
Lab Sample ID :	CCB068	Instrumnet Name :	P8
Client Sample ID :	CCB068	Dilution Factor :	1
Date & Time Acquired :	2023-10-11 12:31:49	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	23	10	57	30	80.13	cps
Ytterbium	172-1	47	63	57	56	15.09	cps
Ytterbium	172-2	20	13	40	24	56.78	cps
Ytterbium	176-1	940	1047	1000	996	5.37	cps
Ytterbium	176-2	8416	8536	8980	8644	3.43	cps
Yttrium	89-1	10392705	11324379	11314527	11010537	4.86	cps
Yttrium	89-2	1251698	1252720	1252440	1252286	0.04	cps
Zinc	66-2	2887	2377	2550	2605	9.96	cps
Zirconium	90-1	820	630	3920	1790	103.19	cps
Zirconium	91-1	170	180	587	312	76.17	cps