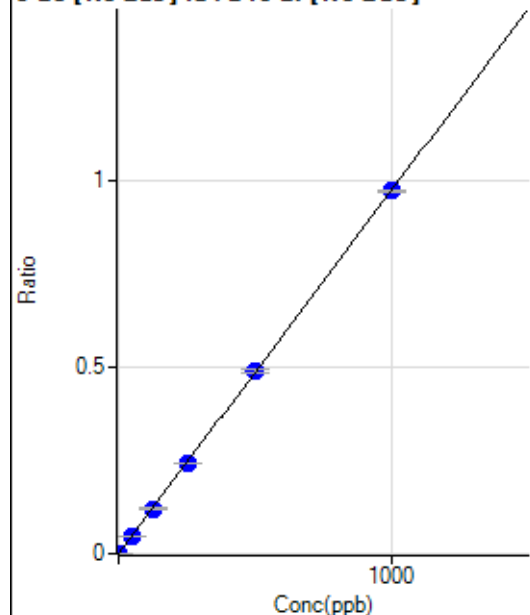


Calibration for 011CAL.S.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\200.8 P8020224MS.b\
 Analysis File: 200.8 P8020224MS.batch.bin
 DA Date-Time: 2024-02-05 11:14:01
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2024-02-02 15:44:42
2	005CAL.S.d	S02	2024-02-02 15:50:54
3	006CAL.S.d	S03	2024-02-02 15:54:00
4	007CAL.S.d	S04	2024-02-02 15:57:04
5	008CAL.S.d	S05	2024-02-02 16:00:10
6	009CAL.S.d	S06	2024-02-02 16:03:13
7	010CAL.S.d	S07	2024-02-02 16:06:19
8	011CAL.S.d	S08	2024-02-02 16:09:23

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	51.99	0.0001	P	21.1
2	☐	1.000	0.946	421.92	0.0010	P	6.1
3	☐	50.000	49.346	19699.91	0.0481	P	2.3
4	☐	125.000	123.900	49182.32	0.1206	P	1.3
5	☐	250.000	249.891	97293.76	0.2431	P	1.0
6	☐	500.000	503.091	191259.86	0.4893	P	1.5
7	☐	1000.000	998.652	381312.59	0.9711	P	0.8
8	☐			218.63	0.0006	P	61.6

$$y = 9.7228\text{E-}004 * x + 1.2881\text{E-}004$$

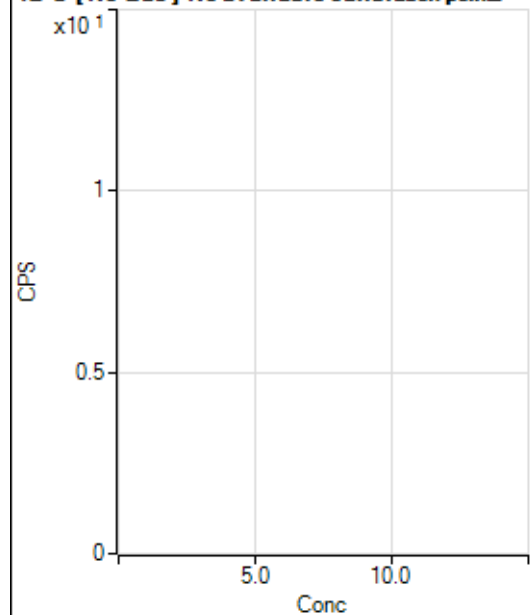
$$R = 1.0000$$

$$DL = 0.08388$$

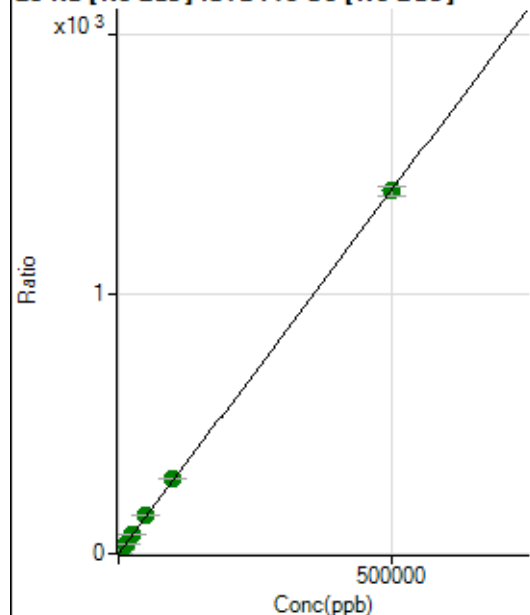
$$BEC = 0.1325$$

Weight: <None>

Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1196725.91		A	0.5
2	☐			1297954.29		A	0.4
3	☐			1365555.59		A	0.9
4	☐			1370631.38		A	0.7
5	☐			1371241.44		A	1.5
6	☐			1350696.97		A	2.3
7	☐			1482079.12		A	2.3
8	☐			1460778.15		A	3.5

23 Na [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	351702.48	0.5373	P	3.0
2	☐	500.000	509.686	1291099.50	1.9658	A	2.3
3	☐	5000.000	5118.238	9858141.54	14.8818	A	1.6
4	☐	12500.000	12756.358	24154387.50	36.2886	A	1.0
5	☐	25000.000	25638.962	47474658.40	72.3936	A	1.3
6	☐	50000.000	52039.204	92890828.39	146.3836	A	1.9
7	☐	100000.00	102464.37	185838732.1	287.7063	A	0.6
8	☐	500000.00	499263.65	864276125.6	1,399.785	A	2.9

$$y = 0.0028 * x + 0.5373$$

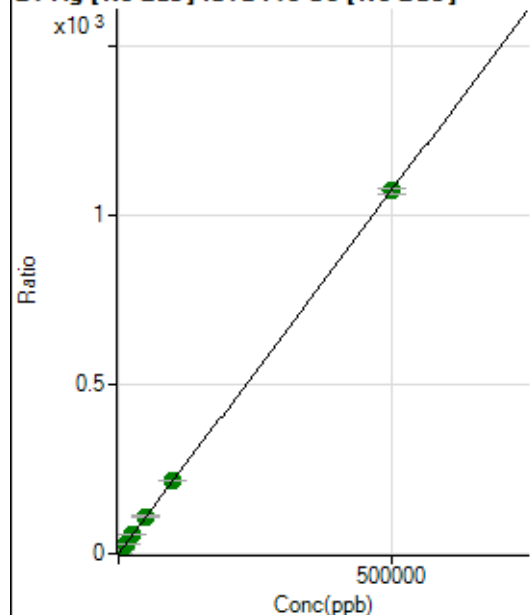
$$R = 1.0000$$

$$DL = 17.15$$

$$BEC = 191.7$$

Weight: <None>

Min Conc: 0

24 Mg [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5663.67	0.0087	P	12.3
2	☐	500.000	504.029	716186.64	1.0904	P	1.9
3	☐	5000.000	5117.521	7281266.48	10.9914	A	0.9
4	☐	12500.000	12731.931	18193874.27	27.3327	A	1.1
5	☐	25000.000	25417.672	35778133.96	54.5576	A	1.1
6	☐	50000.000	51469.388	70103009.71	110.4672	A	1.5
7	☐	100000.00	100583.17	139435463.8	215.8704	A	0.8
8	☐	500000.00	499708.56	662268264.9	1,072.434	A	1.4

$$y = 0.0021 * x + 0.0087$$

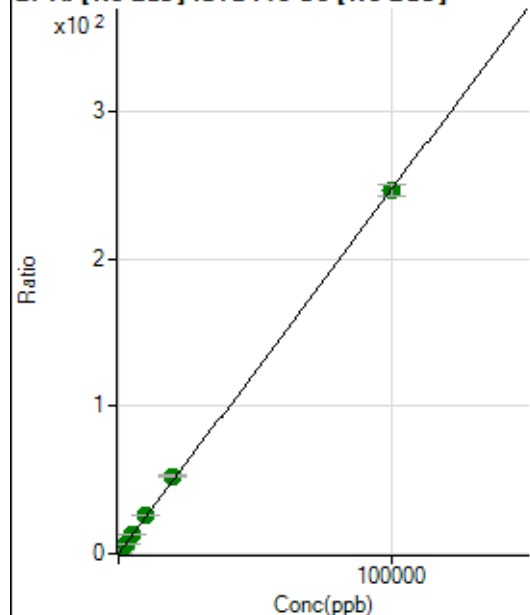
$$R = 1.0000$$

$$DL = 1.49$$

$$BEC = 4.038$$

Weight: <None>

Min Conc: 0

27 Al [No Gas] ISTD : 45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4495.34	0.0069	P	4.1
2	☐	20.000	20.414	37586.73	0.0572	P	2.5
3	☐	1000.000	1074.245	1760344.67	2.6574	A	1.7
4	☐	2500.000	2620.326	4307909.69	6.4722	A	1.4
5	☐	5000.000	5206.835	8429504.21	12.8541	A	1.9
6	☐	10000.000	10637.715	16659839.46	26.2541	A	2.0
7	☐	20000.000	21300.253	33951396.45	52.5626	A	1.3
8	☐	100000.00	99662.086	151807235.2	245.9108	A	3.2

$$y = 0.0025 * x + 0.0069$$

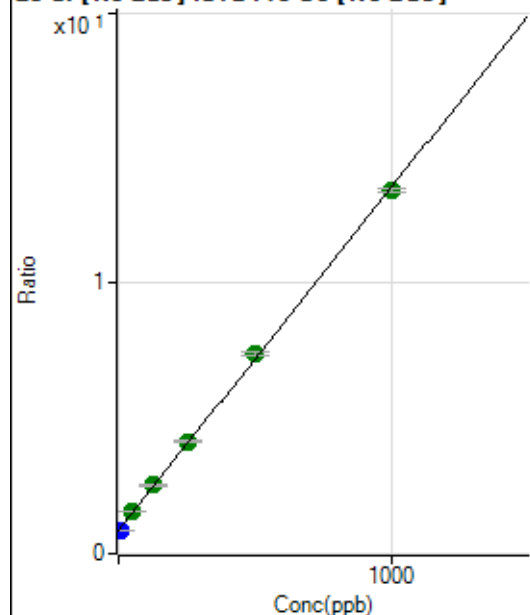
$$R = 0.9999$$

$$DL = 0.3412$$

$$BEC = 2.779$$

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	569239.49	0.8698	P	3.9
2	☐	10.000	0.226	573136.70	0.8727	P	2.4
3	☐	50.000	53.489	1025695.79	1.5484	A	1.5
4	☐	125.000	132.282	1696000.10	2.5480	A	2.3
5	☐	250.000	259.305	2727687.76	4.1594	A	0.9
6	☐	500.000	515.201	4699264.91	7.4058	A	2.5
7	☐	1000.000	989.086	8666842.03	13.4176	A	1.0
8	☐			976865.75	1.5825	A	5.8

$$y = 0.0127 * x + 0.8698$$

$$R = 0.9997$$

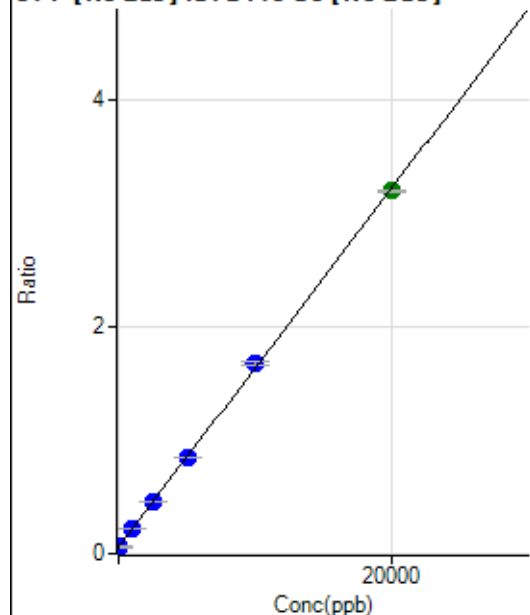
$$DL = 7.968$$

$$BEC = 68.56$$

Weight: <None>

Min Conc: 0

31 P [No Gas] ISTD:45 Sc [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-15.944	36159.08	0.0552	P	2.6
2	☐	0.000	15.944	39571.24	0.0603	P	4.7
3	☐	1000.000	1010.730	144008.88	0.2174	P	1.4
4	☐	2500.000	2505.147	301834.23	0.4534	P	0.1
5	☐	5000.000	5010.373	556856.33	0.8491	P	0.3
6	☐	10000.000	10262.970	1065247.96	1.6788	P	2.2
7	☐	20000.000	19864.742	2063995.56	3.1954	A	0.4
8	☐			36088.70	0.0584	P	0.8

$$y = 1.5795E-004 * x + 0.0577$$

R = 0.9999

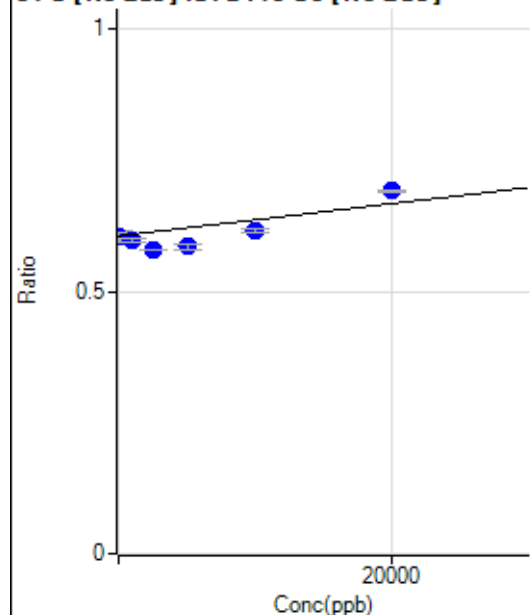
DL = 40.71

BEC = 365.6

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	9.687	396906.04	0.6064	P	3.0
2	☐	0.000	-9.687	398209.52	0.6063	P	2.2
3	☐	1000.000	-2545.954	396460.97	0.5985	P	1.4
4	☐	2500.000	-8939.322	385258.90	0.5788	P	0.3
5	☐	5000.000	-6696.830	384093.15	0.5857	P	1.6
6	☐	10000.000	3370.631	391385.54	0.6167	P	1.3
7	☐	20000.000	27846.105	447107.53	0.6922	P	0.3
8	☐			362315.73	0.5870	P	3.9

$$y = 3.0833E-006 * x + 0.6063$$

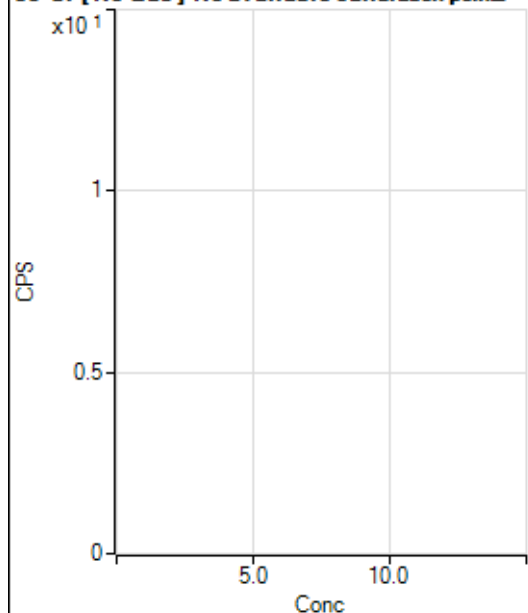
R = 0.8605

DL = 1.542E+04

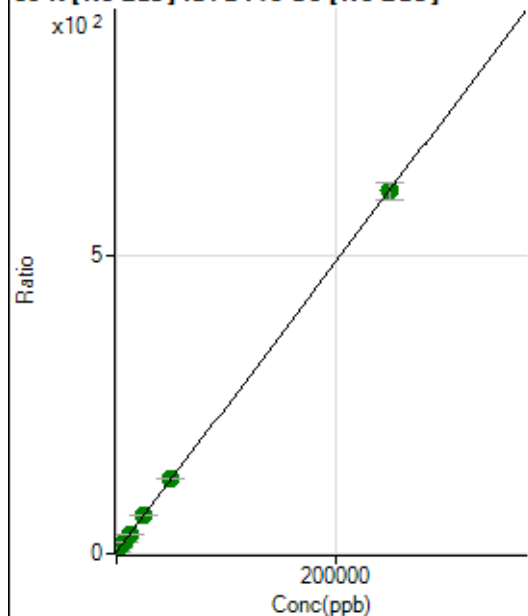
BEC = 1.967E+05

Weight: <None>

Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			67820.35		P	3.1
2	☐			72464.84		P	1.8
3	☐			77549.44		P	1.2
4	☐			77817.40		P	0.4
5	☐			80736.41		P	1.9
6	☐			84646.99		P	0.7
7	☐			107863.68		P	0.6
8	☐			111732.10		P	1.7

39 K [No Gas] ISTD : 45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1902470.21	2.9058	A	2.0
2	☐	500.000	494.011	2697539.79	4.1070	A	1.8
3	☐	2500.000	2477.971	5916301.61	8.9308	A	0.5
4	☐	6250.000	6210.130	11984739.94	18.0052	A	0.9
5	☐	12500.000	12506.966	21847992.85	33.3154	A	1.2
6	☐	25000.000	25569.401	41295102.81	65.0755	A	1.9
7	☐	50000.000	50778.464	81626627.08	126.3690	A	0.6
8	☐	250000.00	249788.24	376618238.3	610.2430	A	4.5

$$y = 0.0024 * x + 2.9058$$

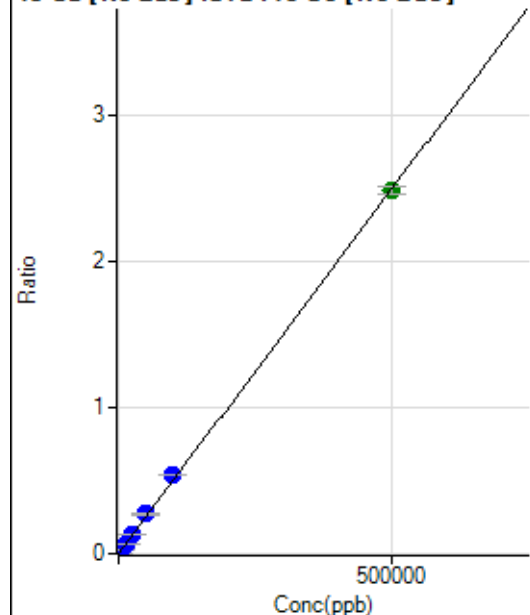
$$R = 1.0000$$

$$DL = 70.06$$

$$BEC = 1195$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	241.64	0.0004	P	10.3
2	☐	500.000	474.685	1795.31	0.0027	P	4.9
3	☐	5000.000	5394.901	18048.19	0.0272	P	0.3
4	☐	12500.000	13317.996	44405.72	0.0667	P	0.5
5	☐	25000.000	26739.953	87595.21	0.1336	P	1.1
6	☐	50000.000	54451.313	172355.21	0.2716	P	2.0
7	☐	100000.00	107424.71	345886.29	0.5355	P	0.8
8	☐	500000.00	497958.55	1531870.93	2.4809	A	2.1

$$y = 4.9814\text{E-}006 * x + 3.6961\text{E-}004$$

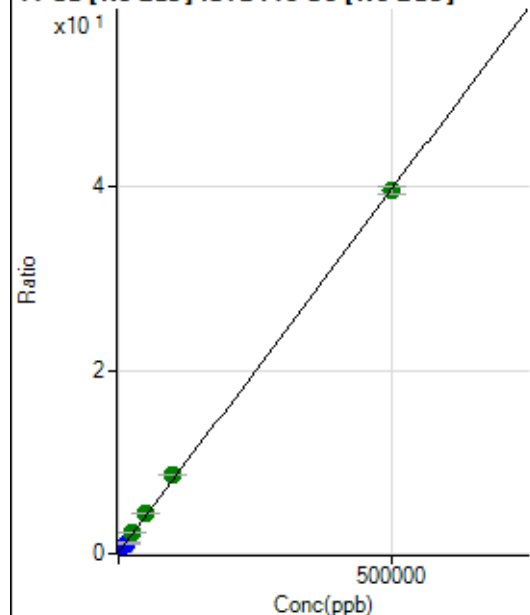
$$R = 0.9999$$

$$DL = 23$$

$$BEC = 74.2$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	74563.42	0.1139	P	2.9
2	☐	500.000	493.238	100505.31	0.1530	P	1.9
3	☐	5000.000	5281.720	352892.44	0.5327	P	0.9
4	☐	12500.000	13111.345	767851.83	1.1535	P	0.4
5	☐	25000.000	27072.791	1482449.39	2.2605	A	0.7
6	☐	50000.000	54475.524	2812895.11	4.4333	A	2.8
7	☐	100000.00	106653.35	5535930.46	8.5706	A	0.6
8	☐	500000.00	498100.04	24457912.59	39.6087	A	2.1

$$y = 7.9291\text{E-}005 * x + 0.1139$$

$$R = 0.9999$$

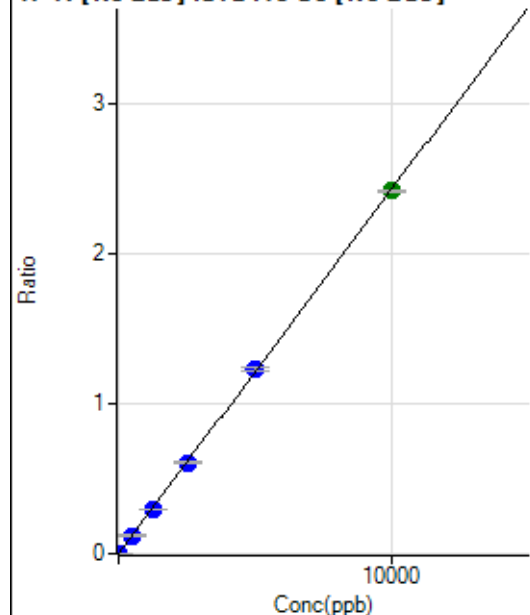
$$DL = 126.5$$

$$BEC = 1437$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	138.89	0.0002	P	18.3
2	☐	5.000	4.889	919.50	0.0014	P	7.1
3	☐	500.000	499.030	80490.18	0.1215	P	0.8
4	☐	1250.000	1234.955	199940.87	0.3004	P	0.7
5	☐	2500.000	2498.369	398334.33	0.6074	P	1.3
6	☐	5000.000	5082.864	784062.18	1.2355	P	1.8
7	☐	10000.000	9960.905	1563828.45	2.4211	A	0.8
8	☐			716.72	0.0012	P	84.1

$$y = 2.4304\text{E-}004 * x + 2.1128\text{E-}004$$

$$R = 0.9999$$

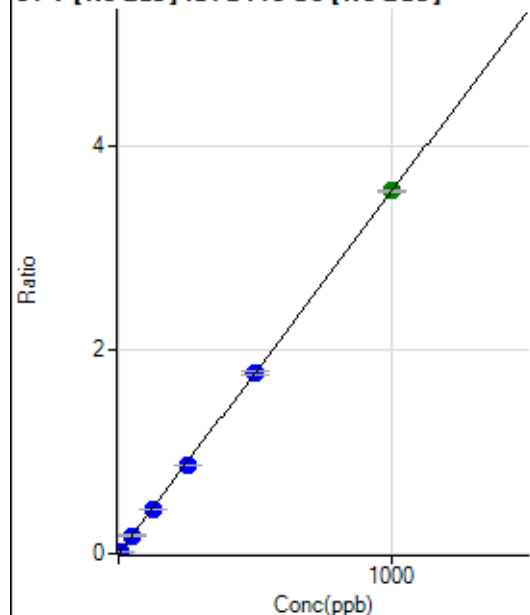
$$DL = 0.4772$$

$$BEC = 0.8693$$

Weight: <None>

Min Conc: 0

51 V [No Gas] ISTD:45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	136.81	0.0002	P	18.5
2	☐	5.000	4.910	11593.29	0.0176	P	3.2
3	☐	50.000	50.255	118375.70	0.1787	P	0.8
4	☐	125.000	123.314	291657.87	0.4382	P	1.1
5	☐	250.000	244.001	568440.30	0.8668	P	0.7
6	☐	500.000	499.604	1126143.49	1.7746	P	1.6
7	☐	1000.000	1001.896	2298553.42	3.5585	A	0.3
8	☐			1431.58	0.0023	P	69.1

$$y = 0.0036 * x + 2.0904\text{E-}004$$

$$R = 1.0000$$

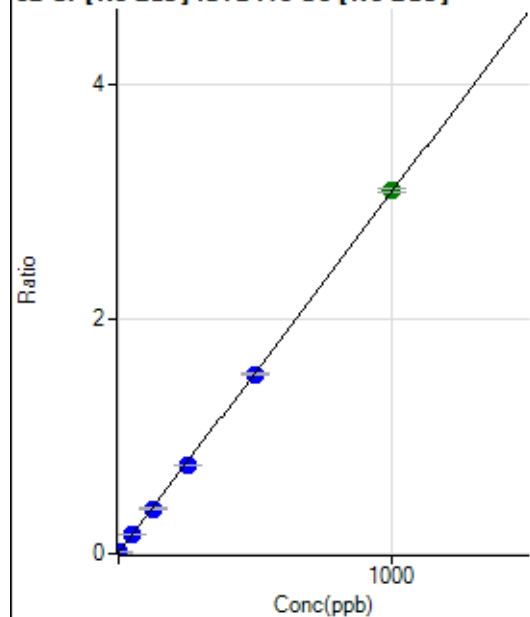
$$DL = 0.03262$$

$$BEC = 0.05886$$

Weight: <None>

Min Conc: 0

52 Cr [No Gas] ISTD :45 Sc [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4338.47	0.0066	P	3.1
2	☐	2.000	1.896	8174.07	0.0124	P	2.3
3	☐	50.000	49.136	104360.75	0.1575	P	0.7
4	☐	125.000	122.983	255828.31	0.3843	P	0.5
5	☐	250.000	241.482	490706.79	0.7483	P	0.7
6	☐	500.000	496.026	970907.01	1.5300	P	1.8
7	☐	1000.000	1004.412	1996861.83	3.0914	A	1.0
8	☐			15521.13	0.0251	P	4.1

$$y = 0.0031 * x + 0.0066$$

$$R = 0.9999$$

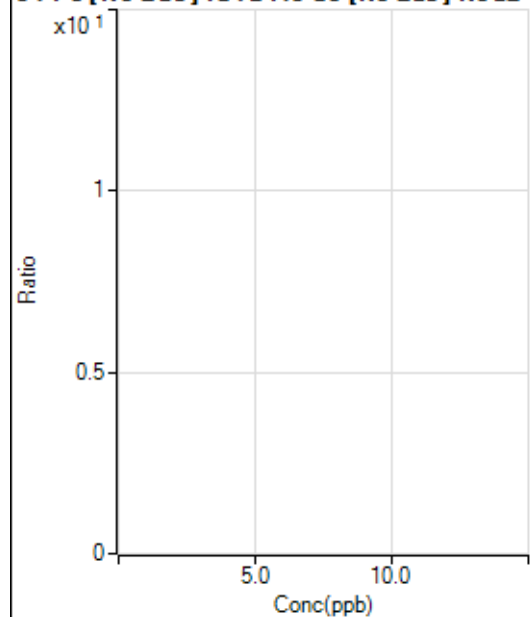
$$DL = 0.2033$$

$$BEC = 2.157$$

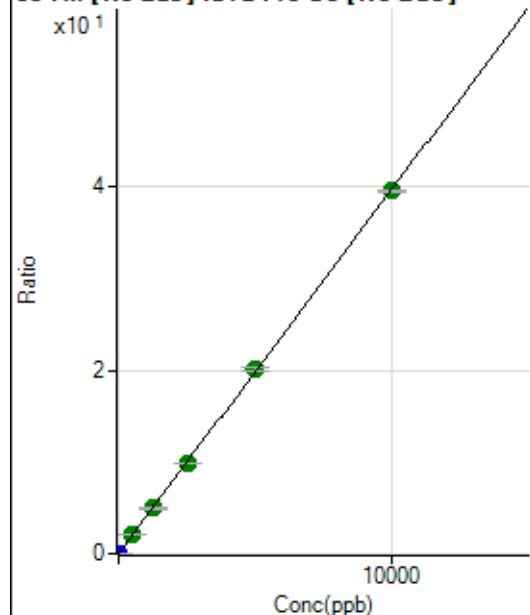
Weight: <None>

Min Conc: 0

54 Fe [No Gas] ISTD :45 Sc [No Gas] No a_



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000					
2	☐	50.000					
3	☐	2500.000					
4	☐	6250.000					
5	☐	12500.000					
6	☐	25000.000					
7	☐	50000.000					
8	☐	250000.00					

55 Mn [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10551.43	0.0161	P	2.3
2	☐	1.000	0.958	13076.11	0.0199	P	5.6
3	☐	500.000	514.151	1360695.19	2.0539	A	1.5
4	☐	1250.000	1239.931	3282115.85	4.9305	A	0.4
5	☐	2500.000	2489.543	6481457.32	9.8833	A	1.1
6	☐	5000.000	5071.191	12764206.99	20.1155	A	2.2
7	☐	10000.000	9967.570	25528750.77	39.5221	A	0.3
8	☐			38070.94	0.0616	P	25.7

$$y = 0.0040 * x + 0.0161$$

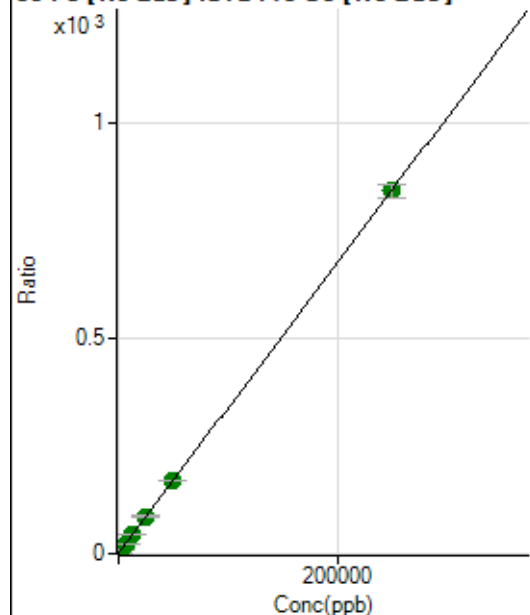
$$R = 1.0000$$

$$DL = 0.2763$$

$$BEC = 4.066$$

Weight: <None>

Min Conc: 0

56 Fe [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	650336.12	0.9935	P	2.7
2	☐	50.000	45.990	754031.67	1.1480	P	1.9
3	☐	2500.000	2564.966	6368114.09	9.6124	A	1.1
4	☐	6250.000	6261.498	14666700.14	22.0337	A	0.7
5	☐	12500.000	12517.217	28235001.50	43.0544	A	0.2
6	☐	25000.000	25393.446	54778178.33	86.3218	A	1.7
7	☐	50000.000	50033.933	109241502.6	169.1200	A	0.5
8	☐	250000.00	249952.07	519071092.8	840.8947	A	3.5

$$y = 0.0034 * x + 0.9935$$

$$R = 1.0000$$

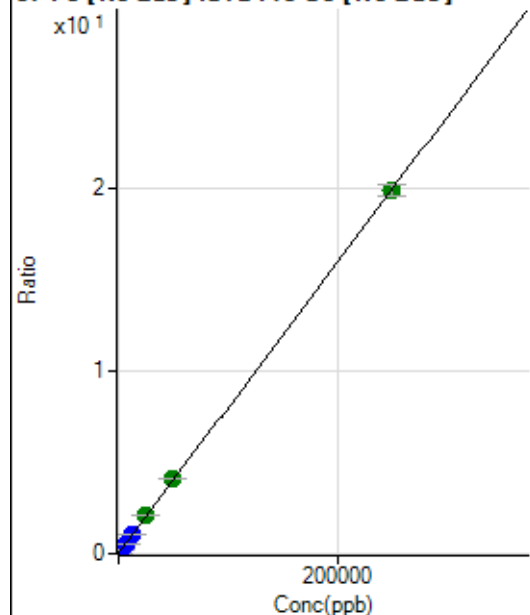
$$DL = 24.37$$

$$BEC = 295.7$$

Weight: <None>

Min Conc: 0

57 Fe [No Gas] ISTD:45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18714.80	0.0286	P	3.2
2	☐	50.000	58.122	21802.36	0.0332	P	2.9
3	☐	2500.000	2605.299	155825.87	0.2352	P	1.4
4	☐	6250.000	6345.264	354015.70	0.5318	P	0.2
5	☐	12500.000	12944.695	692001.97	1.0552	P	0.8
6	☐	25000.000	26266.001	1340196.48	2.1117	A	2.7
7	☐	50000.000	51724.202	2668187.54	4.1308	A	0.4
8	☐	250000.00	249502.88	12232893.40	19.8164	A	3.3

$$y = 7.9309E-005 * x + 0.0286$$

$$R = 1.0000$$

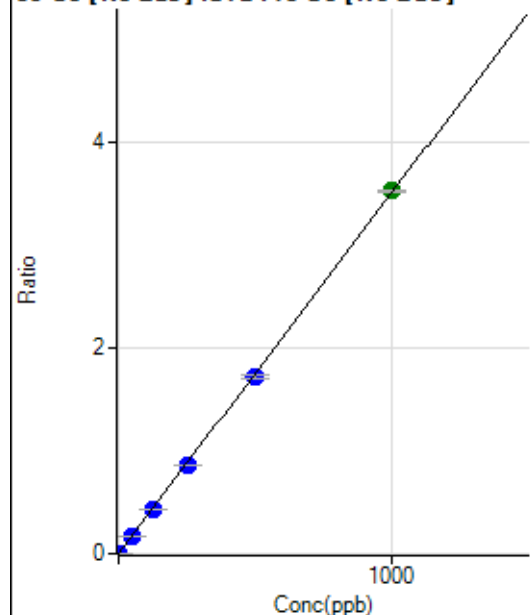
$$DL = 34.98$$

$$BEC = 360.5$$

Weight: <None>

Min Conc: 0

59 Co [No Gas] ISTD:45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	283.63	0.0004	P	31.2
2	☐	1.000	1.051	2703.06	0.0041	P	2.1
3	☐	50.000	49.087	114128.44	0.1723	P	0.4
4	☐	125.000	121.561	283540.64	0.4260	P	0.6
5	☐	250.000	245.199	563182.86	0.8588	P	0.5
6	☐	500.000	491.452	1091955.37	1.7208	P	2.0
7	☐	1000.000	1005.950	2274895.83	3.5219	A	0.2
8	☐			6718.51	0.0109	P	11.8

$$y = 0.0035 * x + 4.3570E-004$$

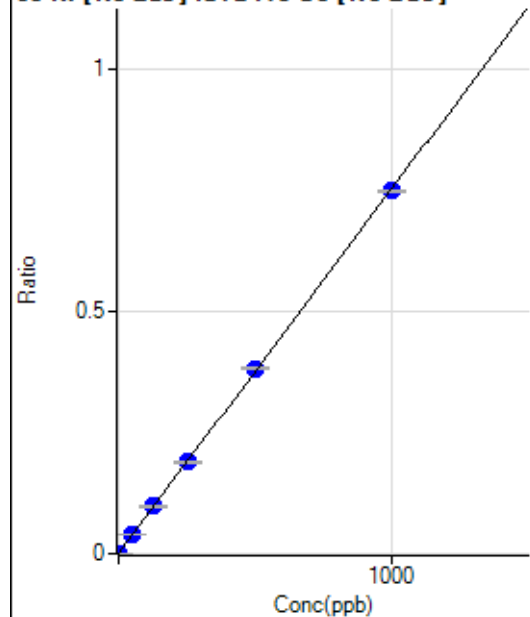
$$R = 0.9999$$

$$DL = 0.1167$$

$$BEC = 0.1245$$

Weight: <None>

Min Conc: 0

60 Ni [No Gas] ISTD :45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	390.41	0.0006	P	16.9
2	☐	1.000	1.086	927.66	0.0014	P	5.6
3	☐	50.000	51.834	26164.18	0.0395	P	1.5
4	☐	125.000	129.196	64930.57	0.0976	P	1.7
5	☐	250.000	249.968	123411.76	0.1882	P	0.6
6	☐	500.000	508.559	242563.83	0.3822	P	1.8
7	☐	1000.000	995.112	482757.53	0.7474	P	0.3
8	☐			3023.44	0.0049	P	7.3

$$y = 7.5045\text{E-}004 * x + 5.9782\text{E-}004$$

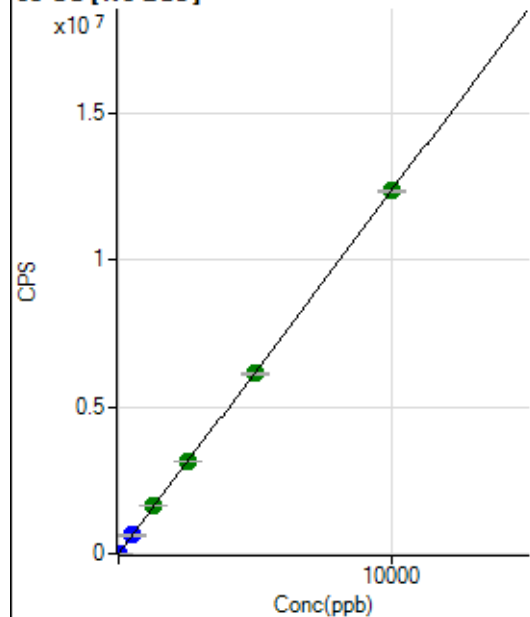
$$R = 0.9999$$

$$DL = 0.4032$$

$$BEC = 0.7966$$

Weight: <None>

Min Conc: 0

63 Cu [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2445.79		P	3.0
2	☐	2.000	1.914	4813.09		P	3.9
3	☐	500.000	503.624	625481.75		P	1.0
4	☐	1250.000	1317.365	1632163.76		A	0.8
5	☐	2500.000	2529.827	3132106.90		A	0.8
6	☐	5000.000	4973.371	6155026.44		A	1.0
7	☐	10000.000	9997.256	12370099.54		A	0.7
8	☐			12830.93		P	32.7

$$y = 1237.1048 * x + 2445.7933$$

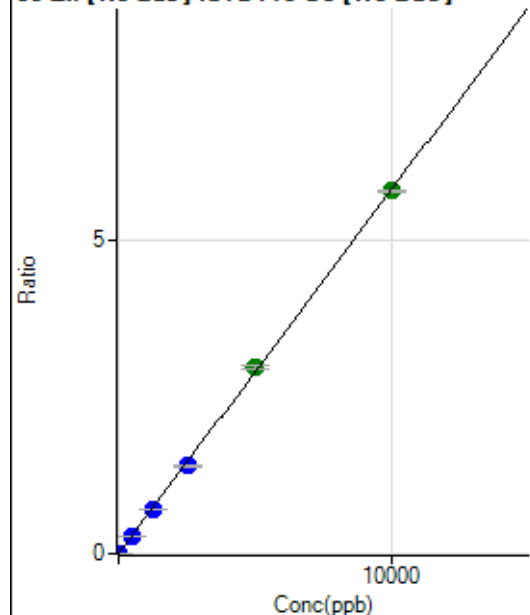
$$R = 1.0000$$

$$DL = 0.1808$$

$$BEC = 1.977$$

Weight: <None>

Min Conc: 0

66 Zn [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	220.23	0.0003	P	7.7
2	☐	2.000	4.668	2005.55	0.0031	P	5.0
3	☐	500.000	493.237	190444.61	0.2875	P	0.6
4	☐	1250.000	1196.676	463937.15	0.6970	P	0.6
5	☐	2500.000	2407.358	919284.82	1.4018	P	0.4
6	☐	5000.000	5125.968	1893974.14	2.9844	A	1.5
7	☐	10000.000	9967.180	3748116.42	5.8028	A	0.8
8	☐			7586.61	0.0123	P	14.4

$$y = 5.8215E-004 * x + 3.3678E-004$$

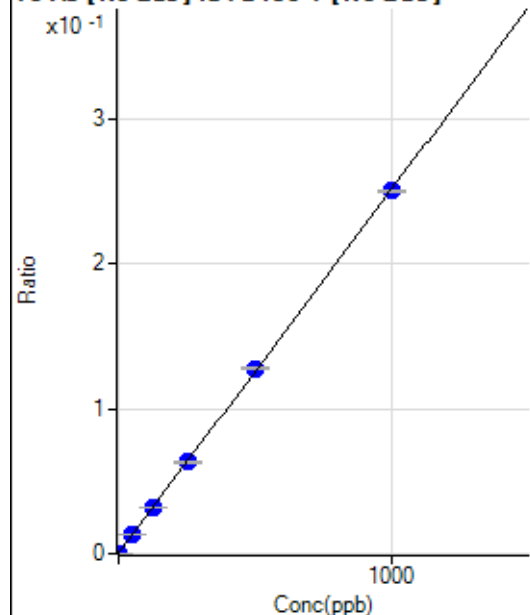
$$R = 0.9998$$

$$DL = 0.1337$$

$$BEC = 0.5785$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:89 Y [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	498.29	0.0003	P	8.6
2	☐	1.000	1.096	933.73	0.0006	P	12.1
3	☐	50.000	49.806	21658.76	0.0128	P	2.6
4	☐	125.000	126.158	53770.35	0.0320	P	1.9
5	☐	250.000	251.471	105936.52	0.0635	P	2.5
6	☐	500.000	507.012	209669.36	0.1277	P	0.7
7	☐	1000.000	995.991	421829.83	0.2506	P	0.2
8	☐			851.76	0.0005	P	22.1

$$y = 2.5133E-004 * x + 3.0345E-004$$

$$R = 1.0000$$

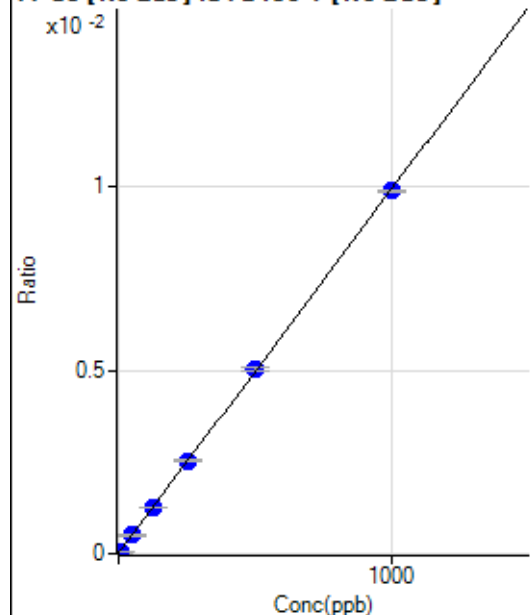
$$DL = 0.3106$$

$$BEC = 1.207$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	15.55	0.0000	P	14.3
2	☐	5.000	5.070	96.67	0.0001	P	5.0
3	☐	50.000	50.617	864.25	0.0005	P	6.4
4	☐	125.000	125.344	2105.72	0.0013	P	1.0
5	☐	250.000	254.299	4225.30	0.0025	P	2.4
6	☐	500.000	506.327	8263.53	0.0050	P	2.6
7	☐	1000.000	995.688	16646.89	0.0099	P	0.7
8	☐			123.56	0.0001	P	4.0

$$y = 9.9239\text{E-}006 * x + 9.4807\text{E-}006$$

$$R = 1.0000$$

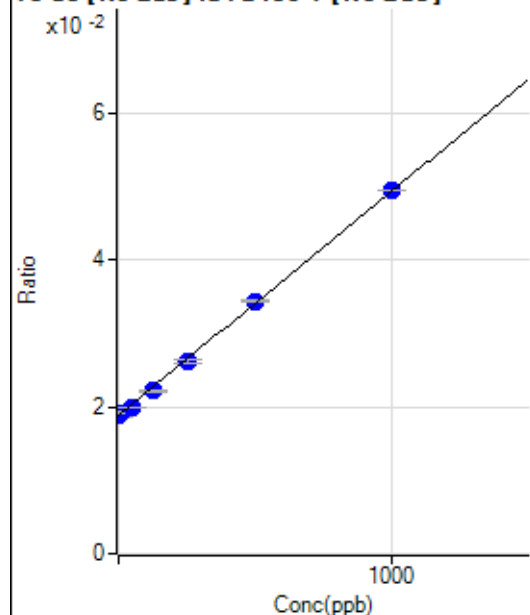
$$DL = 0.4088$$

$$BEC = 0.9553$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	31014.97	0.0189	P	4.3
2	☐	5.000	8.228	30879.35	0.0191	P	1.5
3	☐	50.000	30.766	33453.82	0.0198	P	0.3
4	☐	125.000	108.071	37216.29	0.0222	P	1.3
5	☐	250.000	240.224	43661.47	0.0262	P	1.9
6	☐	500.000	508.010	56339.07	0.0343	P	0.5
7	☐	1000.000	1001.501	83035.74	0.0493	P	0.1
8	☐			29554.53	0.0183	P	2.8

$$y = 3.0422\text{E-}005 * x + 0.0189$$

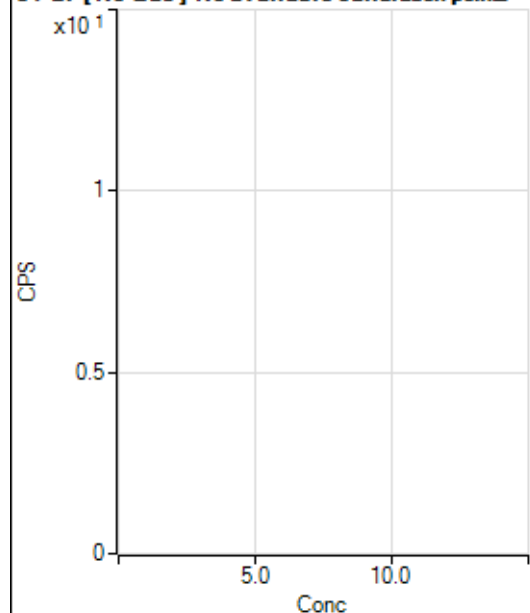
$$R = 0.9997$$

$$DL = 79.72$$

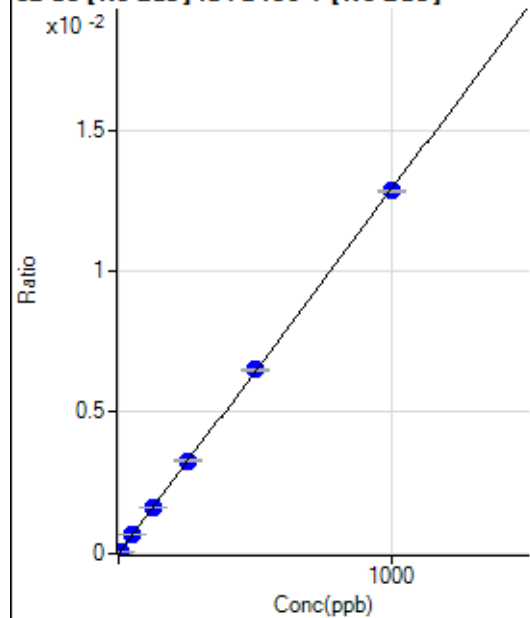
$$BEC = 620.1$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			860.92		P	3.1
2	☐			654.02		P	13.9
3	☐			613.98		P	6.8
4	☐			593.96		P	10.2
5	☐			674.05		P	9.1
6	☐			543.90		P	5.6
7	☐			627.33		P	20.2
8	☐			1541.68		P	2.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-39.56	0.0000	P	-50.
2	☐	5.000	4.219	49.11	0.0000	P	82.1
3	☐	50.000	53.007	1117.84	0.0007	P	5.6
4	☐	125.000	126.648	2711.64	0.0016	P	3.0
5	☐	250.000	253.978	5440.68	0.0033	P	1.9
6	☐	500.000	505.122	10687.74	0.0065	P	1.4
7	☐	1000.000	996.092	21648.16	0.0129	P	0.7
8	☐			142.67	0.0001	P	25.7

$$y = 1.2936E-005 * x - 2.3900E-005$$

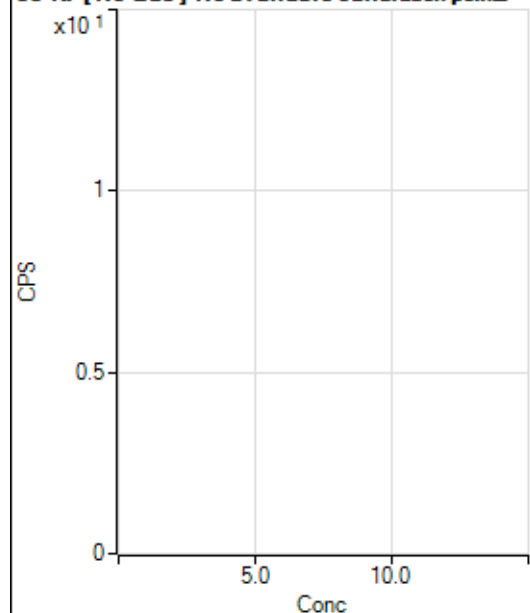
$$R = 1.0000$$

$$DL = 2.789$$

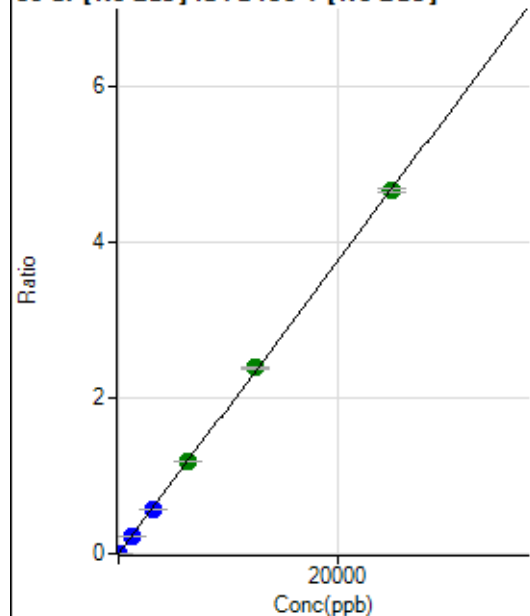
$$BEC = -1.847$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			220.00		P	8.4
2	☐			207.78		P	11.3
3	☐			188.89		P	19.4
4	☐			185.56		P	16.1
5	☐			175.56		P	6.7
6	☐			165.56		P	13.4
7	☐			168.89		P	8.2
8	☐			151.11		P	14.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	419.46	0.0003	P	22.1
2	☐	1.000	0.954	702.82	0.0004	P	3.9
3	☐	1250.000	1224.868	388347.12	0.2299	P	2.0
4	☐	3125.000	3057.317	963321.31	0.5735	P	1.5
5	☐	6250.000	6302.127	1971682.73	1.1818	A	0.7
6	☐	12500.000	12730.878	3918447.13	2.3871	A	1.2
7	☐	25000.000	24881.246	7851930.99	4.6651	A	1.2
8	☐			3125.76	0.0019	P	90.0

$$y = 1.8748E-004 * x + 2.5600E-004$$

$$R = 0.9999$$

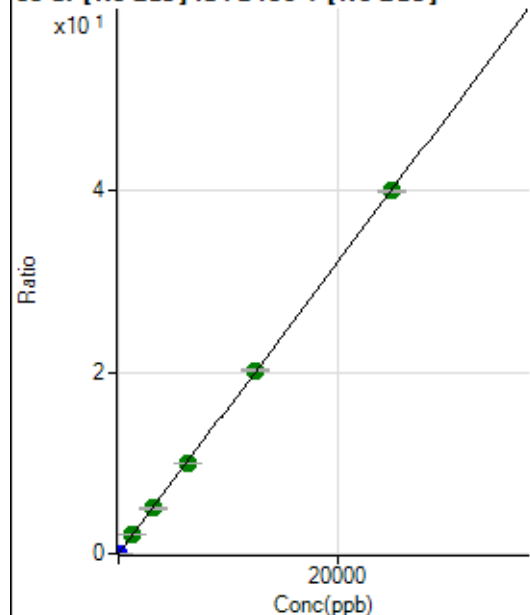
$$DL = 0.9063$$

$$BEC = 1.365$$

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	1227.87	0.0007	P	0.6
2	☐	1.000	1.129	4128.51	0.0026	P	3.4
3	☐	1250.000	1268.715	3434296.91	2.0329	A	0.9
4	☐	3125.000	3125.723	8411952.79	5.0073	A	1.3
5	☐	6250.000	6252.696	16710297.07	10.0158	A	0.8
6	☐	12500.000	12589.247	33101133.73	20.1653	A	1.4
7	☐	25000.000	24953.677	67273484.14	39.9697	A	0.4
8	☐			25903.12	0.0158	P	96.2

$$y = 0.0016 * x + 7.4595E-004$$

$$R = 1.0000$$

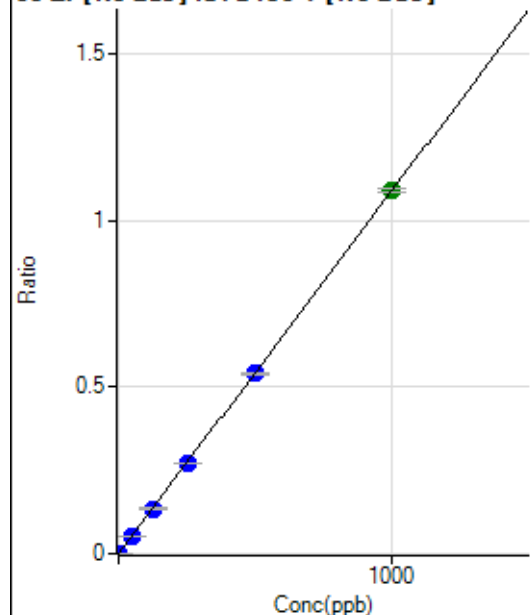
$$DL = 0.009027$$

$$BEC = 0.4657$$

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	66.67	0.0000	P	15.7
2	☐	1.000	0.972	1775.16	0.0011	P	5.0
3	☐	50.000	49.429	91013.44	0.0539	P	0.9
4	☐	125.000	123.957	226818.66	0.1350	P	2.7
5	☐	250.000	249.865	454070.09	0.2722	P	0.9
6	☐	500.000	498.054	890480.06	0.5425	P	1.3
7	☐	1000.000	1001.166	1835310.94	1.0904	A	1.2
8	☐			1191.78	0.0007	P	58.2

$$y = 0.0011 * x + 4.0640E-005$$

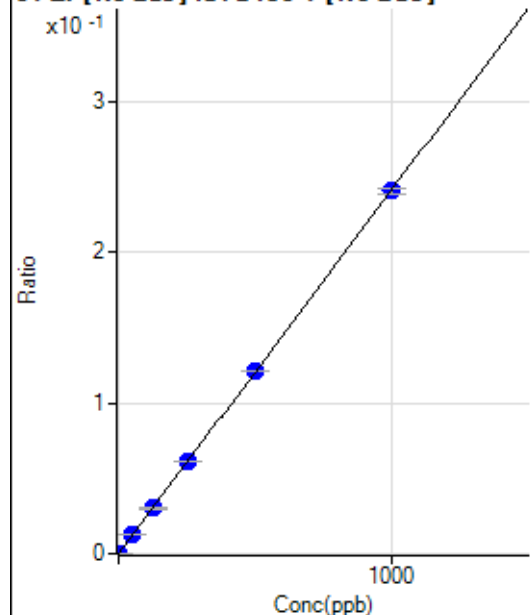
$$R = 1.0000$$

$$DL = 0.01753$$

$$BEC = 0.03731$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	42.9
2	☐	1.000	0.907	363.90	0.0002	P	5.3
3	☐	50.000	51.607	21021.96	0.0124	P	0.5
4	☐	125.000	124.983	50592.36	0.0301	P	3.7
5	☐	250.000	253.213	101818.76	0.0610	P	1.4
6	☐	500.000	502.045	198621.50	0.1210	P	0.7
7	☐	1000.000	998.096	404840.14	0.2405	P	1.8
8	☐			263.90	0.0002	P	35.1

$$y = 2.4099\text{E-}004 * x + 6.7488\text{E-}006$$

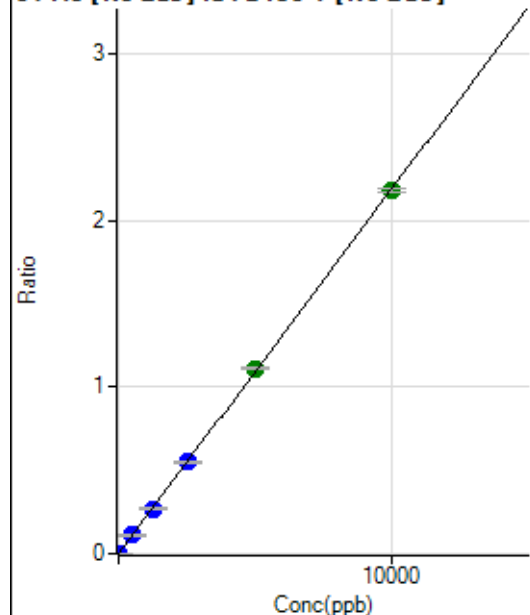
$$R = 1.0000$$

$$DL = 0.03606$$

$$BEC = 0.028$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.56	0.0000	P	88.9
2	☐	5.000	6.130	2200.23	0.0014	P	5.6
3	☐	500.000	503.067	186127.14	0.1102	P	1.1
4	☐	1250.000	1240.085	456163.36	0.2716	P	1.7
5	☐	2500.000	2512.754	917927.87	0.5502	P	1.1
6	☐	5000.000	5082.764	1827050.32	1.1130	A	0.4
7	☐	10000.000	9956.515	3669575.95	2.1802	A	1.0
8	☐			1808.58	0.0011	P	77.1

$$y = 2.1897\text{E-}004 * x + 1.8710\text{E-}005$$

$$R = 0.9999$$

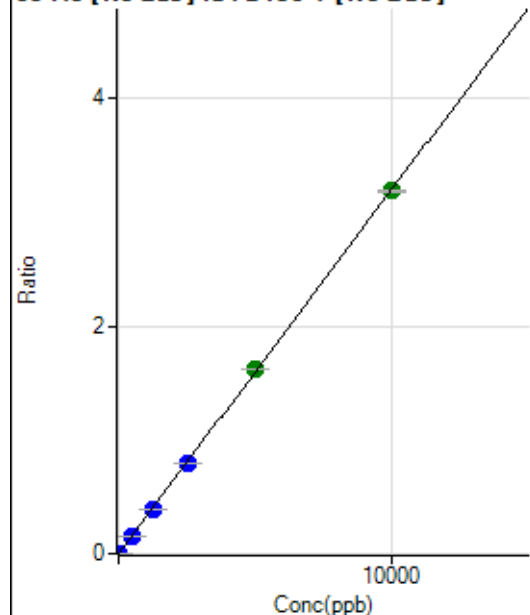
$$DL = 0.2278$$

$$BEC = 0.08545$$

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	11.11	0.0000	P	116.
2	☐	5.000	4.814	2497.51	0.0015	P	4.2
3	☐	500.000	495.191	267507.25	0.1583	P	1.1
4	☐	1250.000	1229.221	660265.19	0.3931	P	1.7
5	☐	2500.000	2478.569	1322103.12	0.7926	P	1.6
6	☐	5000.000	5073.174	2662937.86	1.6222	A	0.7
7	☐	10000.000	9971.609	5366737.66	3.1885	A	0.6
8	☐			2153.11	0.0013	P	75.1

$$y = 3.1976\text{E-}004 * x + 6.9772\text{E-}006$$

$$R = 1.0000$$

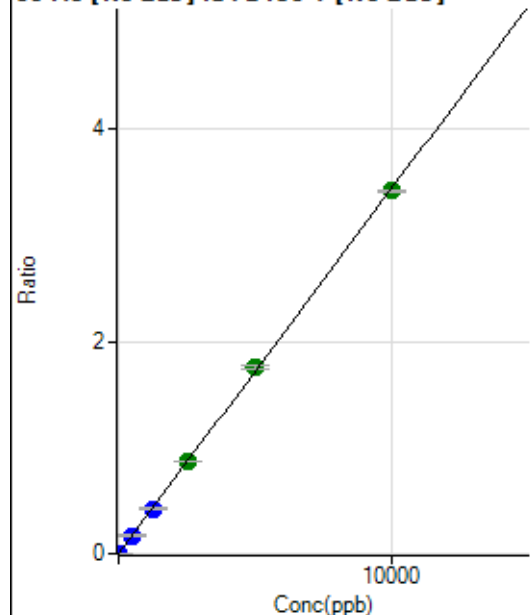
$$DL = 0.0762$$

$$BEC = 0.02182$$

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	86.11	0.0001	P	18.4
2	☐	5.000	5.358	3058.75	0.0019	P	10.5
3	☐	500.000	497.830	289298.76	0.1713	P	2.2
4	☐	1250.000	1236.729	714576.48	0.4254	P	1.9
5	☐	2500.000	2530.160	1451603.78	0.8702	A	2.0
6	☐	5000.000	5108.288	2883903.52	1.7569	A	1.3
7	☐	10000.000	9940.083	5753977.38	3.4186	A	0.8
8	☐			2581.06	0.0016	P	77.2

$$y = 3.4391\text{E-}004 * x + 5.2544\text{E-}005$$

$$R = 0.9999$$

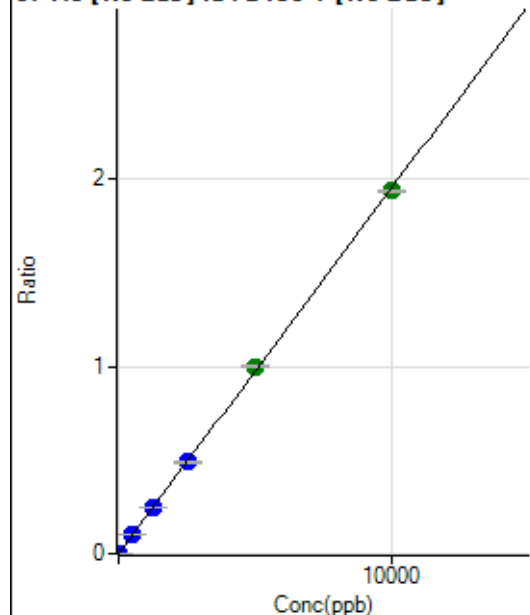
$$DL = 0.08455$$

$$BEC = 0.1528$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0000	P	111.
2	☐	5.000	5.384	1705.71	0.0011	P	14.1
3	☐	500.000	510.550	168315.56	0.0996	P	2.6
4	☐	1250.000	1260.191	413113.70	0.2459	P	2.3
5	☐	2500.000	2522.369	821203.31	0.4923	P	2.1
6	☐	5000.000	5127.868	1642856.40	1.0008	A	0.5
7	☐	10000.000	9928.672	3261389.42	1.9377	A	0.7
8	☐			1297.36	0.0008	P	85.0

$$y = 1.9516\text{E-}004 * x + 6.6339\text{E-}006$$

$$R = 0.9999$$

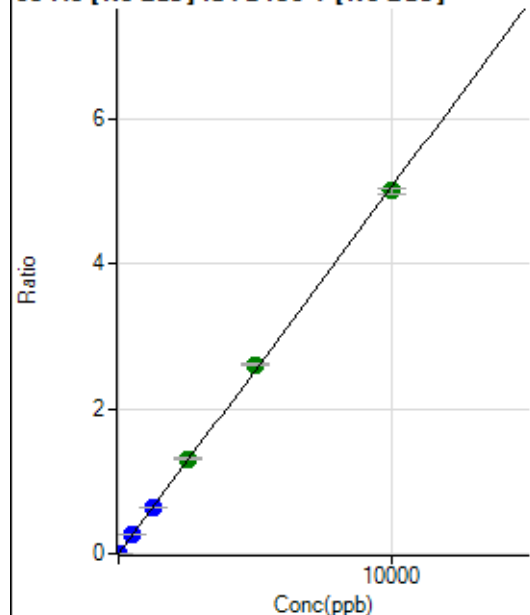
$$DL = 0.1137$$

$$BEC = 0.03399$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.78	0.0000	P	31.9
2	☐	5.000	5.327	4381.37	0.0027	P	1.5
3	☐	500.000	504.737	431469.29	0.2554	P	1.8
4	☐	1250.000	1264.841	1075062.03	0.6401	P	2.5
5	☐	2500.000	2588.663	2185333.77	1.3099	A	1.4
6	☐	5000.000	5163.196	4289016.37	2.6127	A	0.9
7	☐	10000.000	9894.144	8426610.69	5.0067	A	1.7
8	☐			3917.77	0.0024	P	88.6

$$y = 5.0602\text{E-}004 * x + 1.6744\text{E-}005$$

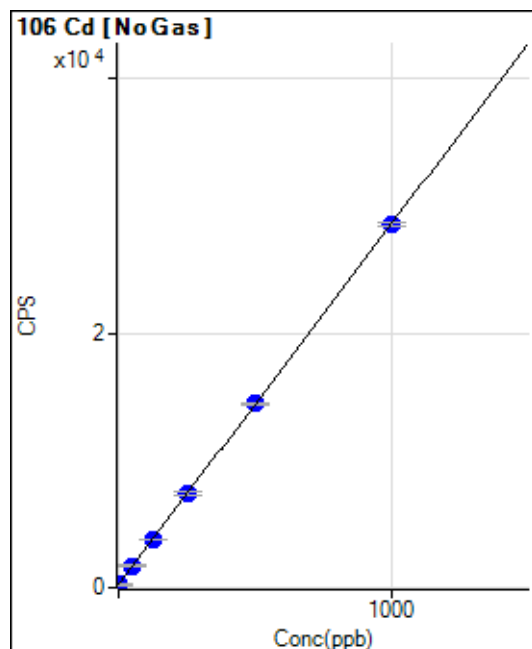
$$R = 0.9998$$

$$DL = 0.03163$$

$$BEC = 0.03309$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	230.56		P	9.1
2	☐	1.000	-0.098	227.78		P	7.6
3	☐	50.000	52.370	1714.05		P	4.4
4	☐	125.000	124.462	3756.16		P	2.4
5	☐	250.000	254.057	7427.18		P	4.4
6	☐	500.000	502.358	14460.75		P	1.0
7	☐	1000.000	997.757	28493.81		P	1.0
8	☐			313.90		P	14.6

$$y = 28.3268 * x + 230.5633$$

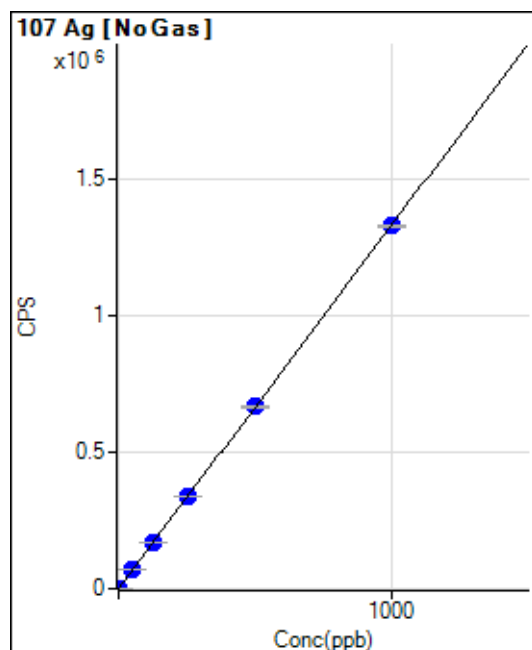
$$R = 1.0000$$

$$DL = 2.221$$

$$BEC = 8.139$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	13.89		P	34.7
2	☐	1.000	0.932	1255.65		P	14.6
3	☐	50.000	51.349	68450.95		P	0.8
4	☐	125.000	128.681	171518.06		P	0.6
5	☐	250.000	253.971	338501.88		P	1.7
6	☐	500.000	500.162	666619.89		P	0.5
7	☐	1000.000	998.399	1330661.32		P	0.2
8	☐			441.69		P	101.

$$y = 1332.7814 * x + 13.8900$$

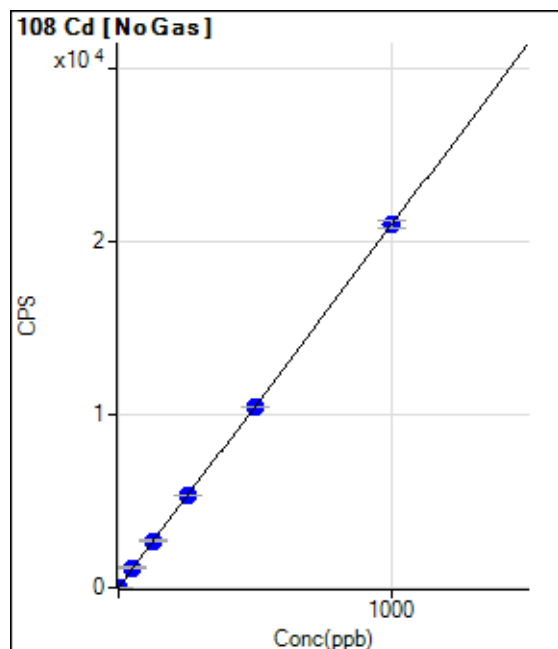
$$R = 1.0000$$

$$DL = 0.01084$$

$$BEC = 0.01042$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	13.89		P	45.8
2	☐	1.000	0.730	29.17		P	14.3
3	☐	50.000	54.516	1155.62		P	4.9
4	☐	125.000	127.541	2685.02		P	4.7
5	☐	250.000	252.188	5295.53		P	0.5
6	☐	500.000	497.768	10438.80		P	0.5
7	☐	1000.000	1000.026	20957.73		P	2.1
8	☐			62.50		P	24.0

$$y = 20.9433 * x + 13.8867$$

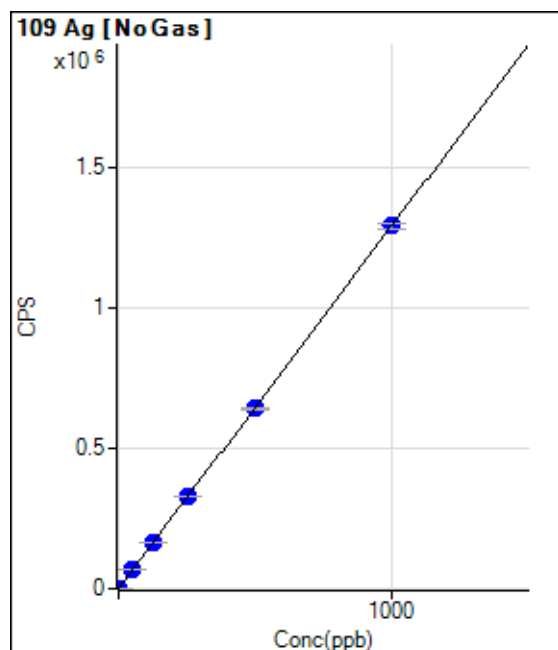
$$R = 1.0000$$

$$DL = 0.9117$$

$$BEC = 0.6631$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11.11		P	114.
2	☐	1.000	0.962	1250.09		P	5.3
3	☐	50.000	51.608	66511.17		P	1.7
4	☐	125.000	126.898	163525.72		P	1.6
5	☐	250.000	253.930	327214.00		P	1.1
6	☐	500.000	495.985	639116.25		P	0.6
7	☐	1000.000	1000.707	1289478.83		P	1.3
8	☐			480.58		P	71.4

$$y = 1288.5563 * x + 11.1100$$

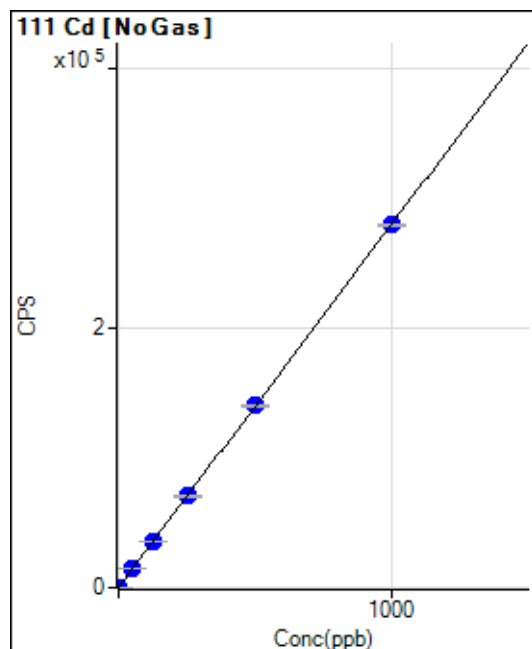
$$R = 1.0000$$

$$DL = 0.02964$$

$$BEC = 0.008622$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	164.18		P	4.2
2	☐	1.000	0.914	419.59		P	3.7
3	☐	50.000	50.530	14279.98		P	1.0
4	☐	125.000	127.735	35847.33		P	1.1
5	☐	250.000	251.613	70452.88		P	1.7
6	☐	500.000	500.608	140010.23		P	1.4
7	☐	1000.000	998.924	279216.13		P	0.5
8	☐			466.27		P	27.8

$$y = 279.3524 * x + 164.1800$$

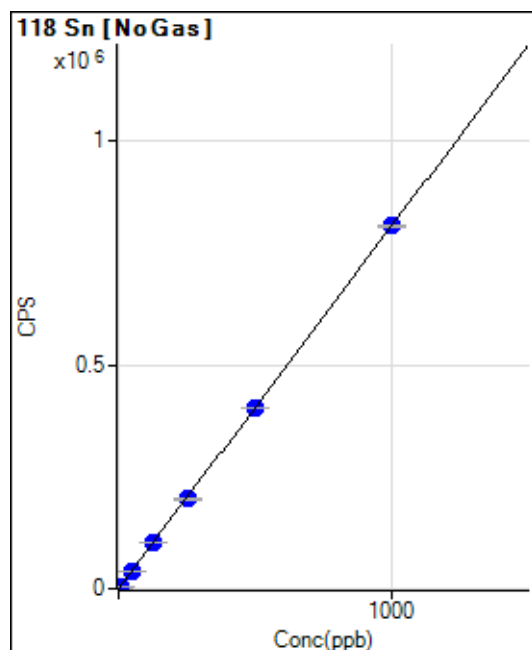
$$R = 1.0000$$

$$DL = 0.07474$$

$$BEC = 0.5877$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	100.00		P	8.3
2	☐	5.000	5.141	4267.46		P	3.5
3	☐	50.000	49.264	40034.34		P	1.1
4	☐	125.000	126.199	102399.02		P	2.0
5	☐	250.000	248.034	201159.99		P	1.4
6	☐	500.000	498.953	404559.30		P	0.9
7	☐	1000.000	1000.901	811445.76		P	0.5
8	☐			963.95		P	35.3

$$y = 810.6154 * x + 100.0033$$

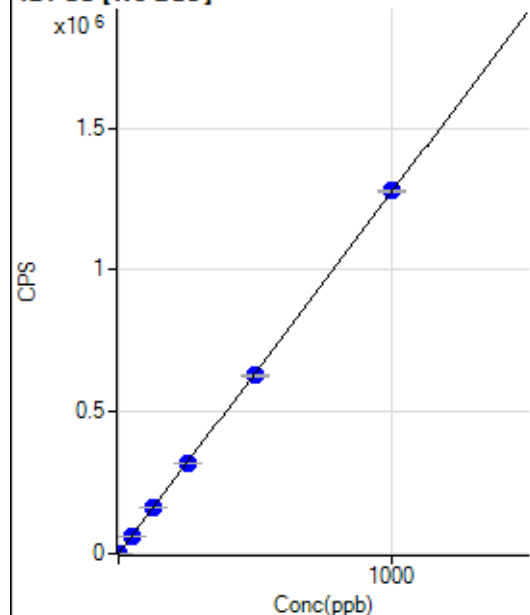
$$R = 1.0000$$

$$DL = 0.03085$$

$$BEC = 0.1234$$

Weight: <None>

Min Conc: 0

121 Sb [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.56		P	63.0
2	☐	2.000	1.913	2466.96		P	2.1
3	☐	50.000	49.496	63062.90		P	1.3
4	☐	125.000	125.994	160482.50		P	0.9
5	☐	250.000	249.583	317871.86		P	0.8
6	☐	500.000	492.852	627673.65		P	1.2
7	☐	1000.000	1003.579	1278079.78		P	0.5
8	☐			1561.25		P	15.8

$$y = 1273.4910 * x + 30.5567$$

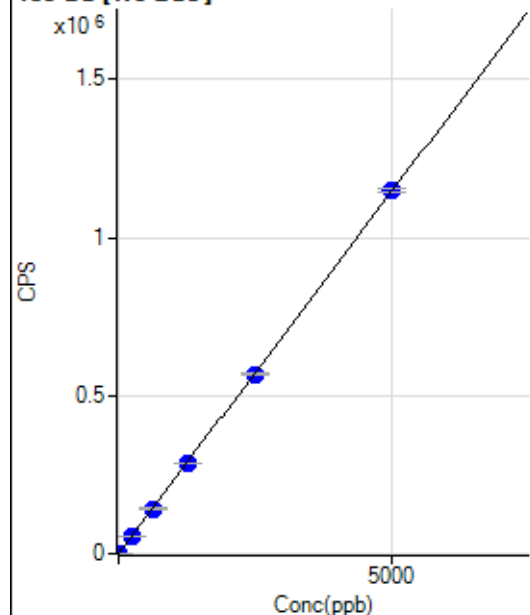
$$R = 1.0000$$

$$DL = 0.04535$$

$$BEC = 0.02399$$

Weight: <None>

Min Conc: 0

135 Ba [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45		P	48.5
2	☐	10.000	10.538	2480.86		P	2.7
3	☐	250.000	247.298	56660.80		P	0.7
4	☐	625.000	622.157	142442.69		P	0.7
5	☐	1250.000	1245.503	285088.06		P	0.7
6	☐	2500.000	2474.453	566318.87		P	1.0
7	☐	5000.000	5014.387	1147552.94		P	0.9
8	☐			1005.63		P	46.3

$$y = 228.8382 * x + 69.4467$$

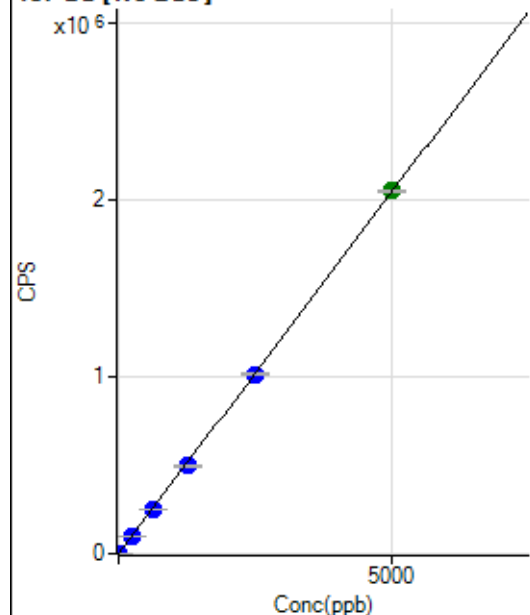
$$R = 1.0000$$

$$DL = 0.4416$$

$$BEC = 0.3035$$

Weight: <None>

Min Conc: 0

¹³⁷Ba [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56		P	24.1
2	☐	10.000	9.713	4070.17		P	5.7
3	☐	250.000	244.577	99935.11		P	2.4
4	☐	625.000	607.253	247969.15		P	1.2
5	☐	1250.000	1211.574	494635.99		P	0.7
6	☐	2500.000	2482.515	1013398.00		P	1.0
7	☐	5000.000	5020.839	2049469.97		A	0.6
8	☐			1691.84		P	38.9

$$y = 408.1717 * x + 105.5600$$

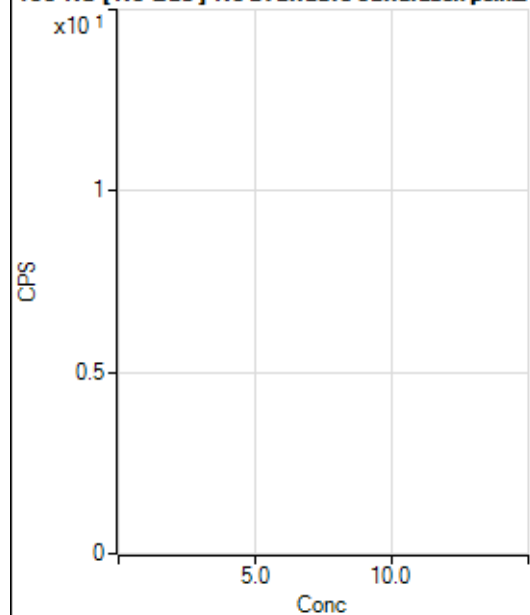
$$R = 1.0000$$

$$DL = 0.1871$$

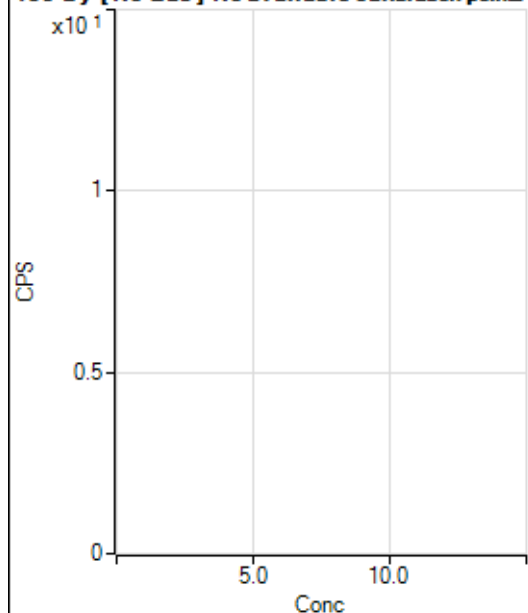
$$BEC = 0.2586$$

Weight: <None>

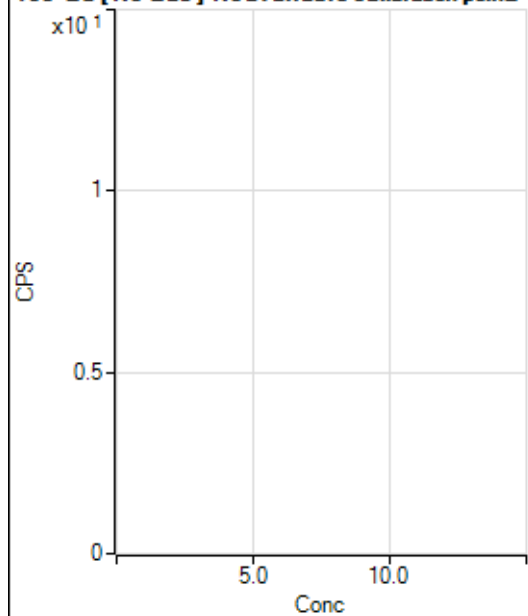
Min Conc: 0

¹⁵⁰Nd [No Gas] No available calibration points

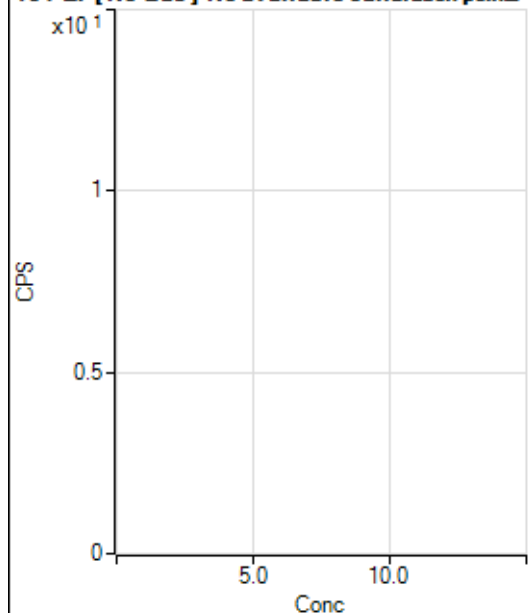
	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			22.22		P	45.8
2	☐			17.78		P	57.3
3	☐			26.66		P	43.3
4	☐			6.67		P	100.
5	☐			13.33		P	50.0
6	☐			42.22		P	32.9
7	☐			102.23		P	30.8
8	☐			46.67		P	51.5

156 Dy [No Gas] No available calibration points

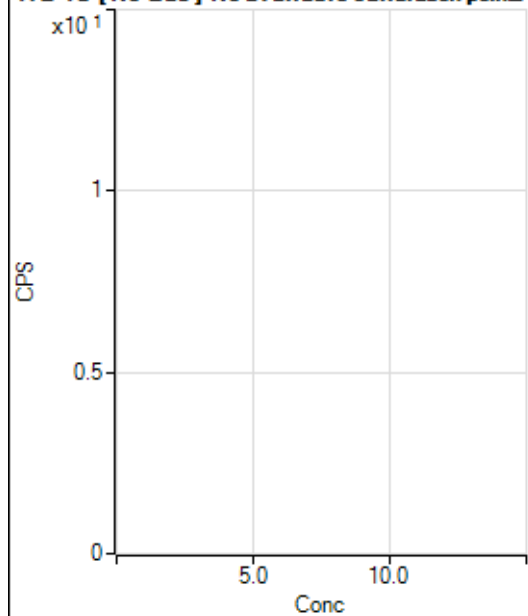
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	124.
2	☐			5.55		P	86.6
3	☐			19.44		P	89.2
4	☐			22.22		P	78.1
5	☐			22.22		P	108.
6	☐			38.89		P	44.6
7	☐			88.89		P	10.8
8	☐			233.34		P	16.4

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

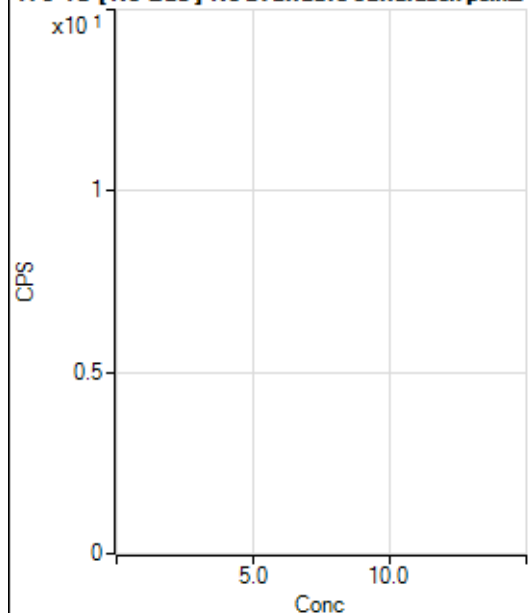
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	0.0
2	☐			5.55		P	86.6
3	☐			11.11		P	86.6
4	☐			19.44		P	65.5
5	☐			25.00		P	33.3
6	☐			36.11		P	96.1
7	☐			61.12		P	63.0
8	☐			213.90		P	6.0

164 Er [No Gas] No available calibration points

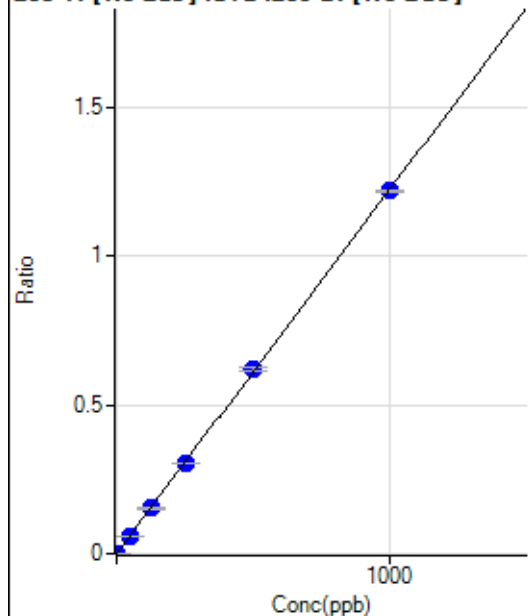
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	50.0
2	☐			5.55		P	86.6
3	☐			13.89		P	34.7
4	☐			8.33		P	100.
5	☐			16.67		P	50.0
6	☐			41.67		P	0.0
7	☐			25.00		P	66.7
8	☐			55.56		P	37.8

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	43.3
2	☐			13.89		P	69.3
3	☐			11.11		P	43.3
4	☐			13.89		P	69.3
5	☐			16.67		P	86.6
6	☐			2.78		P	173.
7	☐			44.45		P	10.8
8	☐			30.55		P	68.6

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			75.00		P	44.4
2	☐			69.45		P	36.7
3	☐			305.57		P	28.9
4	☐			627.81		P	18.6
5	☐			1002.84		P	7.5
6	☐			2236.35		P	6.7
7	☐			4448.09		P	5.6
8	☐			122.22		P	3.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	105.56	0.0001	P	34.0
2	☐	1.000	1.024	1086.19	0.0014	P	11.3
3	☐	50.000	49.289	48823.21	0.0604	P	2.3
4	☐	125.000	124.658	123520.68	0.1525	P	2.9
5	☐	250.000	248.036	245300.48	0.3032	P	0.8
6	☐	500.000	506.649	494753.70	0.6193	P	2.2
7	☐	1000.000	997.245	1004920.65	1.2188	P	0.9
8	☐			702.82	0.0009	P	41.7

$$y = 0.0012 * x + 1.3371E-004$$

$$R = 1.0000$$

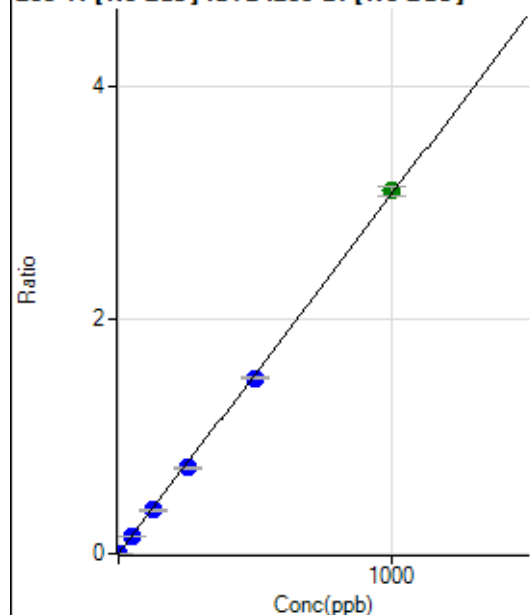
$$DL = 0.1115$$

$$BEC = 0.1094$$

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	180.56	0.0002	P	12.1
2	☐	1.000	0.998	2586.46	0.0033	P	3.5
3	☐	50.000	47.495	118289.94	0.1463	P	2.3
4	☐	125.000	120.448	300248.38	0.3706	P	0.9
5	☐	250.000	238.219	592648.76	0.7327	P	0.5
6	☐	500.000	487.550	1197818.75	1.4992	P	1.2
7	☐	1000.000	1009.865	2560068.00	3.1052	A	2.4
8	☐			1647.40	0.0021	P	45.9

$$y = 0.0031 * x + 2.2752E-004$$

$$R = 0.9998$$

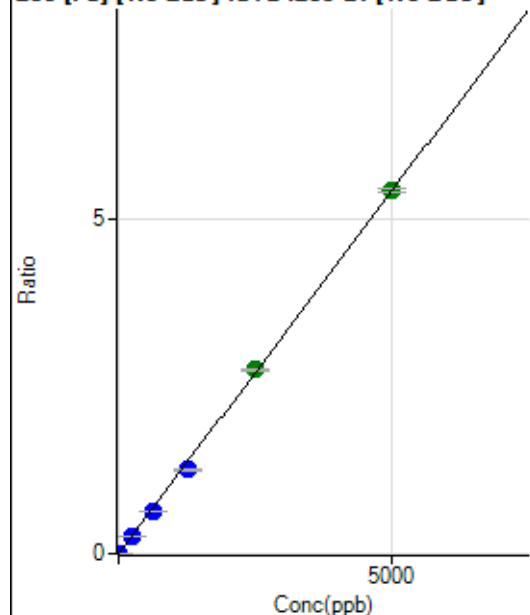
$$DL = 0.0268$$

$$BEC = 0.074$$

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	105.56	0.0001	P	7.8
2	☐	1.000	0.942	905.61	0.0012	P	4.0
3	☐	250.000	228.980	200915.67	0.2484	P	1.6
4	☐	625.000	581.305	510780.84	0.6304	P	1.4
5	☐	1250.000	1159.943	1017393.70	1.2578	P	1.0
6	☐	2500.000	2542.335	2202456.69	2.7567	A	1.4
7	☐	5000.000	5007.859	4477113.87	5.4301	A	1.2
8	☐			3711.80	0.0048	P	36.1

$$y = 0.0011 * x + 1.3271E-004$$

$$R = 0.9998$$

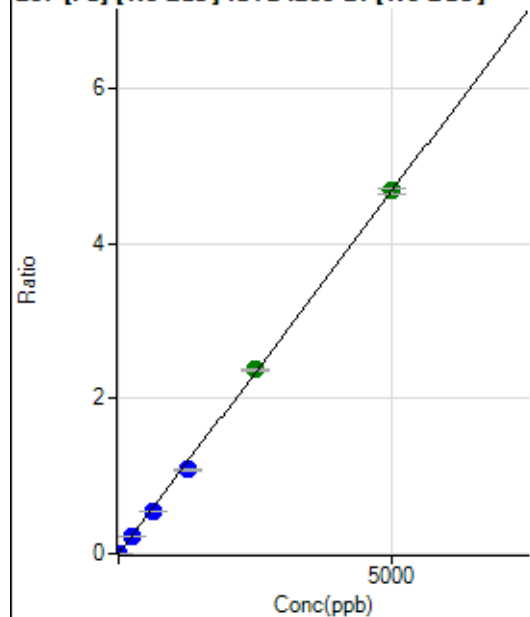
$$DL = 0.02852$$

$$BEC = 0.1224$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0001	P	12.3
2	☐	1.000	0.964	774.11	0.0010	P	3.7
3	☐	250.000	233.551	176809.99	0.2186	P	1.3
4	☐	625.000	581.600	440946.21	0.5443	P	2.0
5	☐	1250.000	1157.318	875907.70	1.0829	P	1.7
6	☐	2500.000	2543.449	1901384.56	2.3799	A	1.1
7	☐	5000.000	5007.693	3863294.56	4.6855	A	1.4
8	☐			3022.67	0.0039	P	32.0

$$y = 9.3565\text{E-}004 * x + 8.4183\text{E-}005$$

$$R = 0.9997$$

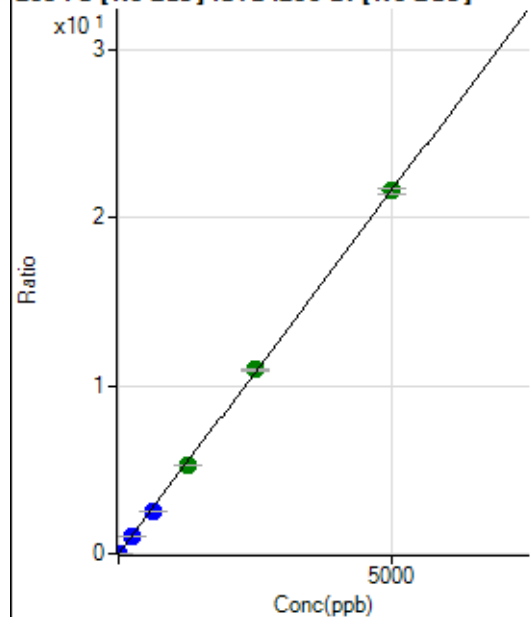
$$DL = 0.03316$$

$$BEC = 0.08997$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	355.57	0.0004	P	9.6
2	☐	1.000	0.961	3605.82	0.0046	P	1.7
3	☐	250.000	231.550	808759.11	0.9999	P	0.7
4	☐	625.000	584.651	2045081.22	2.5241	P	1.1
5	☐	1250.000	1215.065	4242866.53	5.2453	A	0.6
6	☐	2500.000	2535.094	8743037.13	10.9432	A	0.9
7	☐	5000.000	4997.153	17785125.54	21.5707	A	1.4
8	☐			14674.68	0.0191	P	40.3

$$y = 0.0043 * x + 4.4871\text{E-}004$$

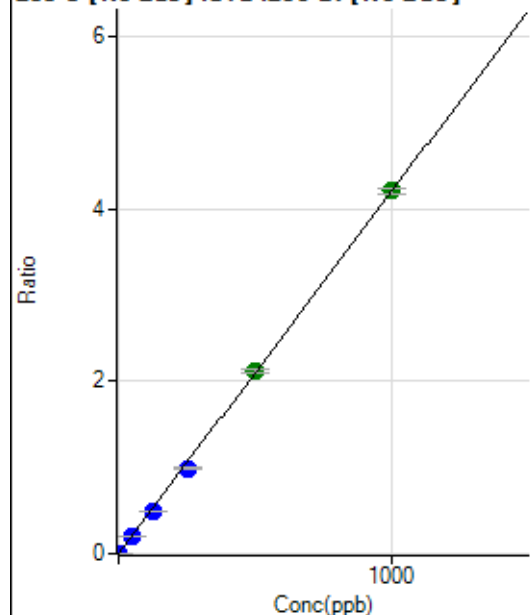
$$R = 0.9999$$

$$DL = 0.02995$$

$$BEC = 0.104$$

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	8.33	0.0000	P	97.6
2	☐	1.000	0.922	3044.89	0.0039	P	1.9
3	☐	50.000	45.623	154923.59	0.1915	P	0.7
4	☐	125.000	116.529	396362.93	0.4892	P	1.8
5	☐	250.000	236.110	801781.92	0.9913	P	1.3
6	☐	500.000	505.955	1696980.42	2.1241	A	2.4
7	☐	1000.000	1001.773	3467663.29	4.2057	A	1.4
8	☐			1258.47	0.0016	P	86.9

$$y = 0.0042 * x + 1.0465E-005$$

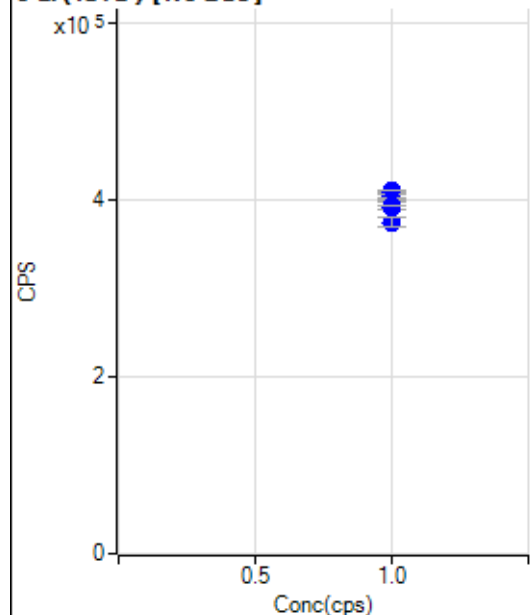
$$R = 0.9999$$

$$DL = 0.007298$$

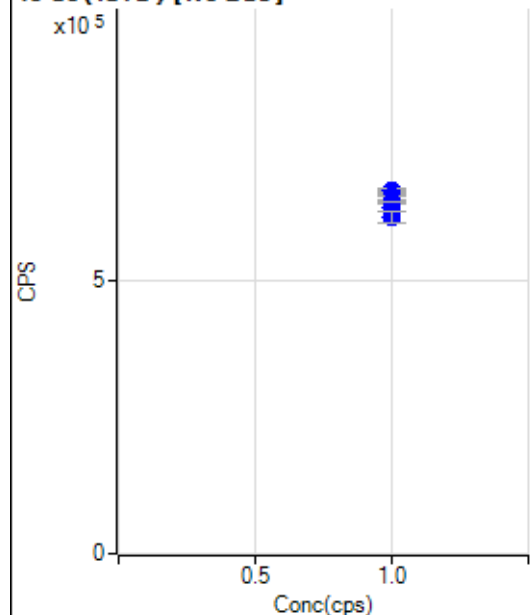
$$BEC = 0.002493$$

Weight: <None>

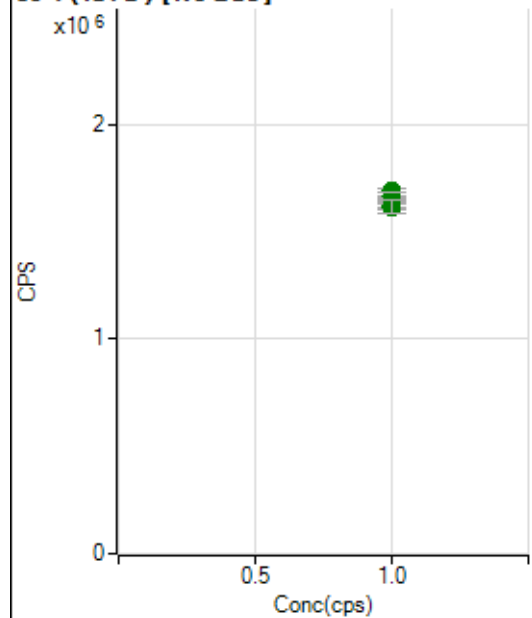
Min Conc: 0

6 Li (ISTD) [No Gas]

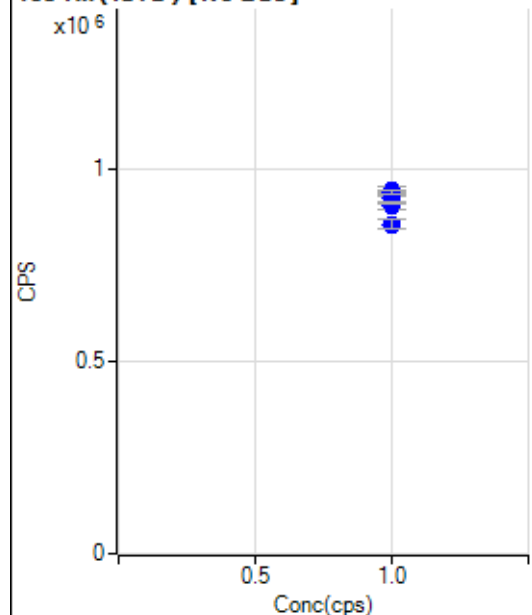
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		402405.89		P	2.8
2	☐	1.000		402785.87		P	2.5
3	☐	1.000		409487.51		P	0.2
4	☐	1.000		407843.51		P	1.2
5	☐	1.000		400248.74		P	0.7
6	☐	1.000		390930.25		P	0.9
7	☐	1.000		392654.66		P	0.4
8	☐	1.000		374350.37		P	3.2

45 Sc (ISTD) [No Gas]

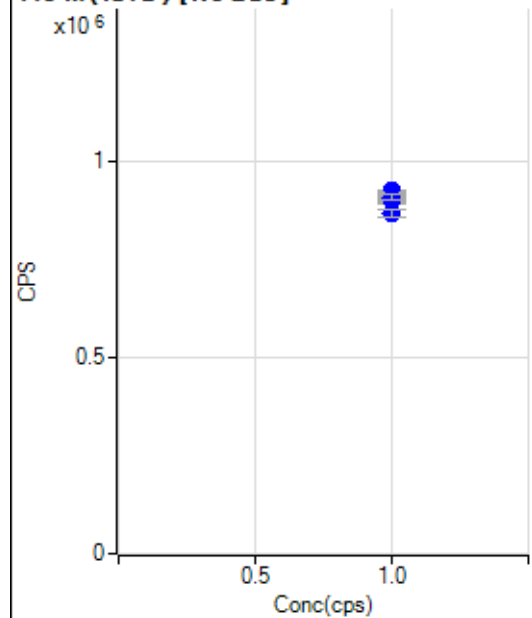
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		654987.77		P	3.2
2	☐	1.000		656981.78		P	2.1
3	☐	1.000		662480.26		P	0.7
4	☐	1.000		665657.85		P	0.9
5	☐	1.000		655797.59		P	0.2
6	☐	1.000		634715.54		P	1.9
7	☐	1.000		645932.13		P	0.4
8	☐	1.000		617707.94		P	2.9

89 Y (ISTD) [No Gas]

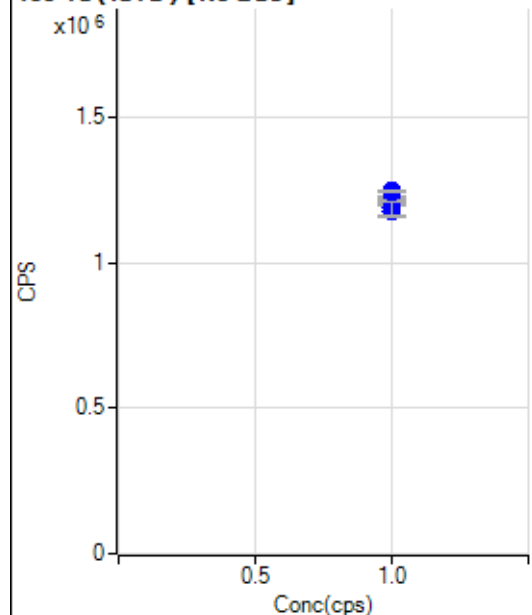
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1645920.01		A	4.2
2	☐	1.000		1615599.52		A	1.8
3	☐	1.000		1689437.67		A	1.2
4	☐	1.000		1680189.96		A	2.1
5	☐	1.000		1668427.68		A	1.6
6	☐	1.000		1641554.09		A	0.5
7	☐	1.000		1683127.14		A	0.4
8	☐	1.000		1617150.20		A	3.5

103 Rh (ISTD) [No Gas]

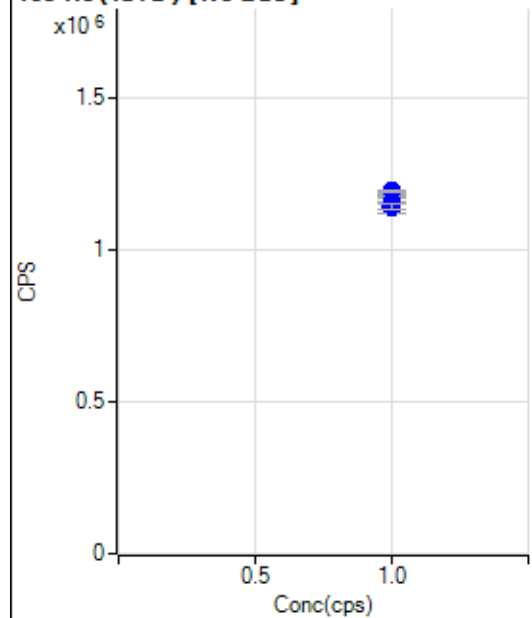
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		941368.26		P	2.8
2	☐	1.000		922965.34		P	2.5
3	☐	1.000		934872.91		P	0.7
4	☐	1.000		937623.09		P	0.5
5	☐	1.000		935932.27		P	1.1
6	☐	1.000		902905.40		P	1.9
7	☐	1.000		909775.78		P	0.8
8	☐	1.000		854011.76		P	2.8

115 In (ISTD) [No Gas]

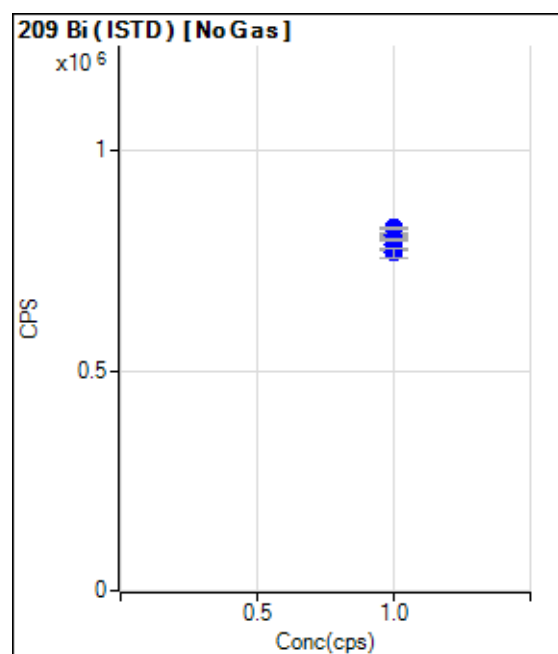
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		910633.87		P	3.3
2	☐	1.000		906003.82		P	3.3
3	☐	1.000		923215.25		P	0.4
4	☐	1.000		919932.49		P	0.7
5	☐	1.000		915865.52		P	1.0
6	☐	1.000		899157.00		P	1.0
7	☐	1.000		906280.42		P	1.4
8	☐	1.000		865936.05		P	2.7

159 Tb (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1189105.56		P	3.8
2	☐	1.000		1178571.13		P	3.3
3	☐	1.000		1213035.07		P	1.2
4	☐	1.000		1224642.13		P	1.2
5	☐	1.000		1215139.43		P	1.6
6	☐	1.000		1210970.19		P	0.9
7	☐	1.000		1248142.06		P	0.3
8	☐	1.000		1188385.51		P	3.7

165 Ho (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1152518.73		P	3.7
2	☐	1.000		1140260.86		P	3.7
3	☐	1.000		1175520.59		P	0.4
4	☐	1.000		1179610.61		P	1.1
5	☐	1.000		1174754.47		P	0.8
6	☐	1.000		1179860.70		P	0.4
7	☐	1.000		1194370.26		P	0.5
8	☐	1.000		1142897.27		P	1.2



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		794454.11		P	4.0
2	☐	1.000		784566.23		P	2.4
3	☐	1.000		808812.51		P	0.1
4	☐	1.000		810251.66		P	0.7
5	☐	1.000		808899.95		P	1.1
6	☐	1.000		798975.94		P	0.6
7	☐	1.000		824553.85		P	0.7
8	☐	1.000		767387.88		P	2.7

US EPA Tune Check Report

Operator Name

Jaswal

Acq/Data Batch

D:\Agilent\ICPMH\1\DATA\200.8 P8020224MS.b

Acq. Date-Time

2024-02-02 15:12:34

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		1675	16747.89			0.545	5.000
24		11873	118730.26			0.841	5.000
25		1601	16006.10			0.778	5.000
26		1839	18391.51			0.825	5.000
59		8710	87100.31			0.434	5.000
113		1021	10208.78			2.177	5.000
115		12421	124208.32			1.637	5.000
206		2913	29128.33			1.258	5.000
207		2629	26292.16			0.655	5.000
208		6312	63123.88			0.675	5.000
220		0	3.30			22.979	

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

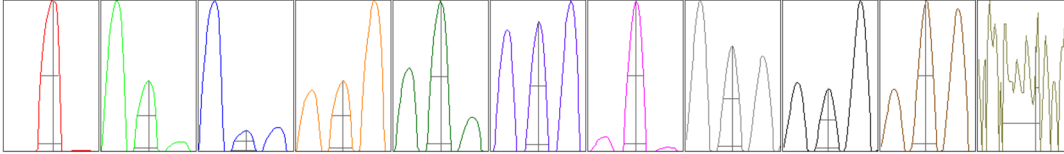
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	1665	1684	1669	1672	1685
24	11723	11933	11882	11986	11842
25	1579	1601	1610	1606	1607
26	1831	1848	1834	1860	1822
59	8683	8746	8668	8753	8700
113	1047	1025	990	1009	1034
115	12708	12563	12252	12274	12307
206	2868	2899	2938	2898	2961
207	2603	2630	2635	2627	2651
208	6255	6327	6323	6289	6368

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	2992.59	9.10	8.90 - 9.10	
24	21597.76	24.05	23.90 - 24.10	
25	2913.42	25.05	24.90 - 25.10	
26	3376.27	26.00	25.90 - 26.10	
59	16989.71	59.05	58.90 - 59.10	
113	2169.98	113.05	112.90 - 113.10	
115	26127.98	115.05	114.90 - 115.10	
206	5987.66	206.00	205.90 - 206.10	
207	5440.68	206.95	206.90 - 207.10	
208	13132.08	207.95	207.90 - 208.10	
220	0.45	220.35	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.59	0.738	0.900	
24	0.58	0.739	0.900	
25	0.58	0.772	0.900	
26	0.58	0.739	0.900	
59	0.53	0.759	0.900	
113	0.49	0.715	0.900	
115	0.49	0.688	0.900	
206	0.50	0.759	0.900	
207	0.50	0.752	0.900	
208	0.49	0.775	0.900	
220	0.16	1.175		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.60 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	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	11.1 V	Deflect	14.6 V
Extract 2	-250.0 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	0.9991	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	0.03		

Hardware Settings

Torch

Torch H	1.2 mm	Torch V	-0.9 mm
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EM

Discriminator	4.6 mV	Analog HV	2305 V	Pulse HV	1679 V
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LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 15:44:42	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.09	0.04	-0.13	0.00	N/A	ppb
Antimony	121-1	0.01	0.01	-0.02	0.00	N/A	ppb
Arsenic	75-1	-0.11	0.02	0.09	0.00	N/A	ppb
Barium	135-1	0.17	-0.08	-0.08	0.00	N/A	ppb
Barium	137-1	-0.01	-0.05	0.07	0.00	N/A	ppb
Beryllium	9-1	0.00	0.03	-0.03	0.00	N/A	ppb
Bismuth	209-1				100		%
Bromine	81-1						cps
Cadmium	106-1	0.69	-0.78	0.10	0.00	N/A	ppb
Cadmium	108-1	-0.07	-0.27	0.33	0.00	N/A	ppb
Cadmium	111-1	0.02	-0.03	0.00	0.00	N/A	ppb
Calcium	43-1	1.25	-8.21	6.96	0.00	N/A	ppb
Calcium	44-1	-19.02	-29.30	48.31	0.00	N/A	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	0.07	-0.07	0.00	0.00	N/A	ppb
Cobalt	59-1	0.00	-0.04	0.04	0.00	N/A	ppb
Copper	63-1	0.04	0.03	-0.07	0.00	N/A	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				100		%
Indium	115-1				100		%
Iron	54-1						ppb
Iron	56-1	-3.09	-6.13	9.21	0.00	N/A	ppb
Iron	57-1	-12.19	1.15	11.05	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lead	207-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	208-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-1	-0.49	-0.02	0.50	0.00	N/A	ppb
Manganese	55-1	0.04	-0.11	0.06	0.00	N/A	ppb
Molybdenum	94-1	0.03	-0.09	0.06	0.00	N/A	ppb
Molybdenum	95-1	-0.02	-0.01	0.03	0.00	N/A	ppb
Molybdenum	96-1	-0.01	-0.02	0.03	0.00	N/A	ppb

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 15:44:42	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	0.04	-0.03	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.01	0.01	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Nickel	60-1	-0.13	0.00	0.13	0.00	N/A	ppb
Phosphorus	31-1	-13.84	-25.98	-8.02	-15.94		ppb
Potassium	39-1	-11.38	-15.48	26.86	0.00	N/A	ppb
Rhodium	103-1				100		%
Scandium	45-1				100		%
Selenium	82-1	0.22	-1.02	0.80	0.00	N/A	ppb
Selenium	77-1	-0.05	-0.10	0.15	0.00	N/A	ppb
Selenium	78-1	-25.65	-1.76	27.41	0.00	N/A	ppb
Silicon	28-1	-0.63	-2.28	2.91	0.00	N/A	ppb
Silver	109-1	-0.01	0.00	0.01	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-1	-4.04	-2.50	6.54	0.00	N/A	ppb
Strontium	86-1	-0.07	-0.26	0.33	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-2401.16	-4301.88	6732.10	9.69	60892.03	ppb
Terbium	159-1				100		%
Thallium	203-1	-0.04	0.02	0.03	0.00	N/A	ppb
Thallium	205-1	0.01	-0.01	0.00	0.00	N/A	ppb
Tin	118-1	0.01	0.00	-0.01	0.00	N/A	ppb
Titanium	47-1	0.01	0.16	-0.16	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-1	-0.01	0.01	0.00	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				100		%
Zinc	66-1	-0.01	-0.04	0.05	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.01	-0.01	0.00	N/A	ppb

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 15:50:54	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	20.47	19.81	20.97	20.41	2.86	ppb
Antimony	121-1	1.96	1.90	1.88	1.91	2.14	ppb
Arsenic	75-1	0.82	1.09	1.38	1.10	25.52	ppb
Barium	135-1	10.33	10.88	10.40	10.54	2.81	ppb
Barium	137-1	10.28	9.13	9.73	9.71	5.89	ppb
Beryllium	9-1	0.95	0.88	1.01	0.95	6.99	ppb
Bismuth	209-1				99		%
Bromine	81-1						cps
Cadmium	106-1	0.39	-0.78	0.10	-0.10		ppb
Cadmium	108-1	0.73	0.53	0.93	0.73	27.26	ppb
Cadmium	111-1	0.90	0.98	0.87	0.91	6.04	ppb
Calcium	43-1	445.54	480.66	497.85	474.69	5.62	ppb
Calcium	44-1	472.80	470.86	536.06	493.24	7.52	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	1.83	1.85	2.00	1.90	4.88	ppb
Cobalt	59-1	1.06	1.07	1.02	1.05	2.38	ppb
Copper	63-1	2.07	1.91	1.76	1.91	8.03	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				99		%
Indium	115-1				99		%
Iron	54-1						ppb
Iron	56-1	42.14	42.35	53.47	45.99	14.09	ppb
Iron	57-1	55.97	47.08	71.31	58.12	21.09	ppb
Krypton	83-1						cps
Lead	206-1	0.98	0.90	0.94	0.94	4.50	ppb
Lead	207-1	0.99	0.98	0.92	0.96	4.04	ppb
Lead	208-1	0.95	0.98	0.95	0.96	1.84	ppb
Lithium	6-1				100		%
Magnesium	24-1	502.92	494.90	514.26	504.03	1.93	ppb
Manganese	55-1	1.06	0.64	1.17	0.96	29.20	ppb
Molybdenum	94-1	6.45	6.19	5.75	6.13	5.72	ppb
Molybdenum	95-1	4.59	4.99	4.86	4.81	4.17	ppb
Molybdenum	96-1	5.20	4.88	6.00	5.36	10.76	ppb

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 15:50:54	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	4.51	5.69	5.95	5.38	14.22	ppb
Molybdenum	98-1	5.31	5.26	5.41	5.33	1.51	ppb
Neodymium	150-1						cps
Nickel	60-1	0.96	1.16	1.14	1.09	9.74	ppb
Phosphorus	31-1	-2.50	16.91	33.42	15.94	112.75	ppb
Potassium	39-1	482.56	470.13	529.34	494.01	6.32	ppb
Rhodium	103-1				98		%
Scandium	45-1				100		%
Selenium	82-1	3.04	3.15	6.47	4.22	46.13	ppb
Selenium	77-1	5.30	5.19	4.73	5.07	5.98	ppb
Selenium	78-1	-1.50	9.37	16.81	8.23	111.95	ppb
Silicon	28-1	-0.93	-0.47	2.08	0.23	716.14	ppb
Silver	109-1	0.91	0.96	1.01	0.96	5.38	ppb
Silver	107-1	0.87	1.09	0.84	0.93	14.79	ppb
Sodium	23-1	506.76	495.07	527.23	509.69	3.19	ppb
Strontium	86-1	0.99	1.02	0.85	0.95	9.53	ppb
Strontium	88-1	1.19	1.12	1.08	1.13	4.75	ppb
Sulfur	34-1	-2591.54	-2487.70	5050.18	-9.69		ppb
Terbium	159-1				99		%
Thallium	203-1	1.05	0.89	1.14	1.02	12.50	ppb
Thallium	205-1	1.03	1.00	0.96	1.00	3.77	ppb
Tin	118-1	5.30	5.19	4.94	5.14	3.61	ppb
Titanium	47-1	4.53	5.34	4.80	4.89	8.40	ppb
Uranium	238-1	0.93	0.90	0.93	0.92	1.87	ppb
Vanadium	51-1	4.75	5.07	4.91	4.91	3.23	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				98		%
Zinc	66-1	4.63	4.43	4.95	4.67	5.59	ppb
Zirconium	90-1	0.94	0.95	1.03	0.97	5.22	ppb
Zirconium	91-1	0.86	0.91	0.95	0.91	5.45	ppb

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 15:54:00	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	1094.87	1069.41	1058.45	1074.24	1.74	ppb
Antimony	121-1	50.24	49.20	49.05	49.50	1.31	ppb
Arsenic	75-1	49.85	51.12	48.44	49.81	2.70	ppb
Barium	135-1	247.00	249.27	245.62	247.30	0.75	ppb
Barium	137-1	248.73	247.15	237.85	244.58	2.40	ppb
Beryllium	9-1	50.47	49.36	48.20	49.35	2.30	ppb
Bismuth	209-1				102		%
Bromine	81-1						cps
Cadmium	106-1	54.82	52.76	49.53	52.37	5.10	ppb
Cadmium	108-1	52.66	53.26	57.63	54.52	4.98	ppb
Cadmium	111-1	50.82	50.84	49.93	50.53	1.03	ppb
Calcium	43-1	5412.70	5385.71	5386.30	5394.90	0.29	ppb
Calcium	44-1	5337.63	5289.57	5217.96	5281.72	1.14	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	49.14	49.48	48.79	49.14	0.70	ppb
Cobalt	59-1	48.88	49.13	49.26	49.09	0.39	ppb
Copper	63-1	509.20	501.17	500.51	503.62	0.96	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				102		%
Indium	115-1				101		%
Iron	54-1						ppb
Iron	56-1	2551.84	2599.44	2543.62	2564.97	1.17	ppb
Iron	57-1	2584.72	2654.57	2576.61	2605.30	1.65	ppb
Krypton	83-1						cps
Lead	206-1	224.72	231.39	230.84	228.98	1.62	ppb
Lead	207-1	230.63	233.46	236.56	233.55	1.27	ppb
Lead	208-1	229.87	231.72	233.06	231.55	0.69	ppb
Lithium	6-1				102		%
Magnesium	24-1	5166.22	5114.81	5071.53	5117.52	0.93	ppb
Manganese	55-1	512.00	523.00	507.45	514.15	1.56	ppb
Molybdenum	94-1	498.24	501.99	508.97	503.07	1.08	ppb
Molybdenum	95-1	493.58	501.09	490.91	495.19	1.07	ppb
Molybdenum	96-1	491.68	510.34	491.47	497.83	2.18	ppb

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 15:54:00	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	498.77	525.10	507.78	510.55	2.62	ppb
Molybdenum	98-1	497.72	514.84	501.65	504.74	1.78	ppb
Neodymium	150-1						cps
Nickel	60-1	52.72	51.25	51.53	51.83	1.50	ppb
Phosphorus	31-1	1032.17	1001.49	998.53	1010.73	1.84	ppb
Potassium	39-1	2501.15	2467.64	2465.12	2477.97	0.81	ppb
Rhodium	103-1				99		%
Scandium	45-1				101		%
Selenium	82-1	50.39	52.54	56.10	53.01	5.44	ppb
Selenium	77-1	46.80	52.58	52.47	50.62	6.52	ppb
Selenium	78-1	28.66	33.11	30.53	30.77	7.27	ppb
Silicon	28-1	55.28	53.50	51.68	53.49	3.36	ppb
Silver	109-1	50.76	52.50	51.57	51.61	1.69	ppb
Silver	107-1	51.82	51.01	51.23	51.35	0.82	ppb
Sodium	23-1	5209.19	5107.04	5038.48	5118.24	1.68	ppb
Strontium	86-1	1208.79	1253.73	1212.09	1224.87	2.05	ppb
Strontium	88-1	1266.66	1281.16	1258.32	1268.72	0.91	ppb
Sulfur	34-1	84.80	-2406.74	-5315.92	-2545.95		ppb
Terbium	159-1				102		%
Thallium	203-1	48.48	50.61	48.78	49.29	2.34	ppb
Thallium	205-1	46.76	48.75	46.97	47.49	2.31	ppb
Tin	118-1	49.85	48.74	49.20	49.26	1.13	ppb
Titanium	47-1	495.74	498.12	503.23	499.03	0.77	ppb
Uranium	238-1	45.77	45.85	45.25	45.62	0.72	ppb
Vanadium	51-1	50.72	49.92	50.12	50.25	0.83	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				103		%
Zinc	66-1	495.23	489.93	494.55	493.24	0.58	ppb
Zirconium	90-1	48.94	49.63	49.71	49.43	0.86	ppb
Zirconium	91-1	51.38	51.85	51.59	51.61	0.46	ppb

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 15:57:04	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	2581.35	2623.42	2656.22	2620.33	1.43	ppb
Antimony	121-1	126.21	124.82	126.94	125.99	0.85	ppb
Arsenic	75-1	124.28	128.84	125.35	126.16	1.89	ppb
Barium	135-1	622.20	617.71	626.56	622.16	0.71	ppb
Barium	137-1	614.65	607.39	599.72	607.25	1.23	ppb
Beryllium	9-1	124.37	125.23	122.10	123.90	1.31	ppb
Bismuth	209-1				102		%
Bromine	81-1						cps
Cadmium	106-1	121.32	124.27	127.80	124.46	2.60	ppb
Cadmium	108-1	133.64	121.70	127.28	127.54	4.68	ppb
Cadmium	111-1	128.38	128.68	126.15	127.74	1.08	ppb
Calcium	43-1	13233.52	13368.79	13351.67	13318.00	0.55	ppb
Calcium	44-1	13109.28	13171.62	13053.14	13111.34	0.45	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	122.58	123.64	122.73	122.98	0.46	ppb
Cobalt	59-1	120.71	121.90	122.08	121.56	0.61	ppb
Copper	63-1	1328.99	1308.04	1315.06	1317.36	0.81	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				102		%
Indium	115-1				101		%
Iron	54-1						ppb
Iron	56-1	6242.88	6315.83	6225.78	6261.50	0.76	ppb
Iron	57-1	6357.46	6344.58	6333.75	6345.26	0.19	ppb
Krypton	83-1						cps
Lead	206-1	586.35	585.43	572.13	581.30	1.37	ppb
Lead	207-1	580.51	593.46	570.84	581.60	1.95	ppb
Lead	208-1	589.17	587.45	577.34	584.65	1.09	ppb
Lithium	6-1				101		%
Magnesium	24-1	12679.02	12888.74	12628.04	12731.93	1.09	ppb
Manganese	55-1	1245.38	1238.07	1236.34	1239.93	0.39	ppb
Molybdenum	94-1	1218.70	1261.93	1239.61	1240.08	1.74	ppb
Molybdenum	95-1	1208.90	1250.73	1228.02	1229.22	1.70	ppb
Molybdenum	96-1	1224.68	1263.29	1222.21	1236.73	1.86	ppb

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 15:57:04	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	1233.86	1292.08	1254.63	1260.19	2.34	ppb
Molybdenum	98-1	1238.38	1299.76	1256.39	1264.84	2.49	ppb
Neodymium	150-1						cps
Nickel	60-1	126.80	129.46	131.32	129.20	1.76	ppb
Phosphorus	31-1	2509.79	2503.34	2502.31	2505.15	0.16	ppb
Potassium	39-1	6150.30	6201.05	6279.04	6210.13	1.04	ppb
Rhodium	103-1				100		%
Scandium	45-1				102		%
Selenium	82-1	124.28	130.91	124.74	126.65	2.92	ppb
Selenium	77-1	124.02	125.58	126.43	125.34	0.97	ppb
Selenium	78-1	98.81	118.13	107.27	108.07	8.96	ppb
Silicon	28-1	131.16	128.27	137.42	132.28	3.54	ppb
Silver	109-1	128.44	127.64	124.61	126.90	1.59	ppb
Silver	107-1	129.12	129.15	127.77	128.68	0.61	ppb
Sodium	23-1	12616.97	12871.88	12780.23	12756.36	1.01	ppb
Strontium	86-1	3005.94	3085.76	3080.26	3057.32	1.46	ppb
Strontium	88-1	3080.52	3141.44	3155.21	3125.72	1.27	ppb
Sulfur	34-1	-9518.35	-8729.47	-8570.15	-8939.32		ppb
Terbium	159-1				103		%
Thallium	203-1	123.75	128.66	121.56	124.66	2.92	ppb
Thallium	205-1	121.58	119.57	120.20	120.45	0.85	ppb
Tin	118-1	128.98	124.20	125.42	126.20	1.97	ppb
Titanium	47-1	1245.31	1227.84	1231.72	1234.96	0.74	ppb
Uranium	238-1	116.28	118.78	114.53	116.53	1.83	ppb
Vanadium	51-1	122.46	122.61	124.87	123.31	1.10	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				102		%
Zinc	66-1	1188.55	1202.19	1199.30	1196.68	0.60	ppb
Zirconium	90-1	120.38	126.88	124.61	123.96	2.66	ppb
Zirconium	91-1	119.72	128.56	126.67	124.98	3.72	ppb

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:00:10	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	5097.19	5236.47	5286.84	5206.83	1.89	ppb
Antimony	121-1	251.92	248.85	247.98	249.58	0.83	ppb
Arsenic	75-1	249.43	258.54	246.44	251.47	2.51	ppb
Barium	135-1	1237.46	1253.91	1245.13	1245.50	0.66	ppb
Barium	137-1	1203.72	1220.59	1210.42	1211.57	0.70	ppb
Beryllium	9-1	250.60	251.96	247.11	249.89	1.00	ppb
Bismuth	209-1				102		%
Bromine	81-1						cps
Cadmium	106-1	251.70	266.71	243.76	254.06	4.59	ppb
Cadmium	108-1	251.06	252.06	253.45	252.19	0.48	ppb
Cadmium	111-1	246.84	255.48	252.52	251.61	1.75	ppb
Calcium	43-1	26684.72	27053.33	26481.81	26739.95	1.08	ppb
Calcium	44-1	27085.61	27264.82	26867.94	27072.79	0.73	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	241.47	243.23	239.75	241.48	0.72	ppb
Cobalt	59-1	244.76	246.63	244.21	245.20	0.52	ppb
Copper	63-1	2544.25	2505.84	2539.39	2529.83	0.83	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				102		%
Indium	115-1				101		%
Iron	54-1						ppb
Iron	56-1	12533.57	12536.92	12481.16	12517.22	0.25	ppb
Iron	57-1	12903.77	13059.78	12870.53	12944.70	0.78	ppb
Krypton	83-1						cps
Lead	206-1	1169.17	1147.50	1163.15	1159.94	0.96	ppb
Lead	207-1	1162.00	1135.46	1174.50	1157.32	1.72	ppb
Lead	208-1	1213.08	1208.76	1223.36	1215.07	0.62	ppb
Lithium	6-1				99		%
Magnesium	24-1	25126.65	25687.88	25438.48	25417.67	1.11	ppb
Manganese	55-1	2509.52	2501.27	2457.84	2489.54	1.12	ppb
Molybdenum	94-1	2533.02	2523.23	2482.02	2512.75	1.08	ppb
Molybdenum	95-1	2508.57	2492.51	2434.64	2478.57	1.57	ppb
Molybdenum	96-1	2579.07	2531.03	2480.38	2530.16	1.95	ppb

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:00:10	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	2517.31	2576.77	2473.02	2522.37	2.06	ppb
Molybdenum	98-1	2577.92	2628.87	2559.20	2588.66	1.39	ppb
Neodymium	150-1						cps
Nickel	60-1	248.56	251.33	250.01	249.97	0.55	ppb
Phosphorus	31-1	5010.91	5027.54	4992.66	5010.37	0.35	ppb
Potassium	39-1	12531.54	12653.02	12336.34	12506.97	1.28	ppb
Rhodium	103-1				99		%
Scandium	45-1				100		%
Selenium	82-1	258.08	255.27	248.59	253.98	1.92	ppb
Selenium	77-1	259.07	256.36	247.47	254.30	2.39	ppb
Selenium	78-1	249.83	249.83	221.01	240.22	6.93	ppb
Silicon	28-1	256.09	261.82	260.01	259.31	1.13	ppb
Silver	109-1	250.83	254.76	256.20	253.93	1.09	ppb
Silver	107-1	248.96	256.78	256.17	253.97	1.71	ppb
Sodium	23-1	25296.43	25958.59	25661.87	25638.96	1.29	ppb
Strontium	86-1	6275.53	6355.10	6275.75	6302.13	0.73	ppb
Strontium	88-1	6304.44	6212.33	6241.32	6252.70	0.75	ppb
Sulfur	34-1	-4919.74	-4950.76	-10219.99	-6696.83		ppb
Terbium	159-1				102		%
Thallium	203-1	245.74	248.78	249.59	248.04	0.82	ppb
Thallium	205-1	238.55	239.27	236.83	238.22	0.53	ppb
Tin	118-1	244.41	251.14	248.56	248.03	1.37	ppb
Titanium	47-1	2498.47	2530.90	2465.74	2498.37	1.30	ppb
Uranium	238-1	236.54	232.93	238.87	236.11	1.27	ppb
Vanadium	51-1	243.66	245.89	242.46	244.00	0.71	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				101		%
Zinc	66-1	2397.04	2411.46	2413.58	2407.36	0.37	ppb
Zirconium	90-1	252.17	249.58	247.85	249.87	0.87	ppb
Zirconium	91-1	250.31	257.31	252.01	253.21	1.44	ppb

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:03:13	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	10416.92	10846.50	10649.72	10637.71	2.02	ppb
Antimony	121-1	496.18	496.60	485.78	492.85	1.24	ppb
Arsenic	75-1	506.72	510.84	503.47	507.01	0.73	ppb
Barium	135-1	2462.96	2502.45	2457.95	2474.45	0.98	ppb
Barium	137-1	2453.30	2496.48	2497.77	2482.52	1.02	ppb
Beryllium	9-1	494.68	509.09	505.50	503.09	1.49	ppb
Bismuth	209-1				101		%
Bromine	81-1						cps
Cadmium	106-1	497.55	507.85	501.67	502.36	1.03	ppb
Cadmium	108-1	500.29	495.31	497.70	497.77	0.50	ppb
Cadmium	111-1	507.99	500.35	493.49	500.61	1.45	ppb
Calcium	43-1	53224.64	54999.38	55129.91	54451.31	1.95	ppb
Calcium	44-1	52692.50	55688.02	55046.05	54475.52	2.90	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	485.59	500.53	501.96	496.03	1.83	ppb
Cobalt	59-1	480.84	500.56	492.95	491.45	2.02	ppb
Copper	63-1	4983.28	5015.28	4921.56	4973.37	0.96	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				102		%
Indium	115-1				99		%
Iron	54-1						ppb
Iron	56-1	24903.90	25698.13	25578.30	25393.45	1.69	ppb
Iron	57-1	25897.98	25812.07	27087.96	26266.00	2.72	ppb
Krypton	83-1						cps
Lead	206-1	2519.59	2584.49	2522.93	2542.34	1.44	ppb
Lead	207-1	2512.84	2551.29	2566.22	2543.45	1.08	ppb
Lead	208-1	2511.18	2557.24	2536.86	2535.09	0.91	ppb
Lithium	6-1				97		%
Magnesium	24-1	50723.64	52300.48	51384.04	51469.39	1.54	ppb
Manganese	55-1	4952.84	5169.02	5091.72	5071.19	2.16	ppb
Molybdenum	94-1	5097.78	5056.59	5093.92	5082.76	0.45	ppb
Molybdenum	95-1	5110.74	5035.93	5072.85	5073.17	0.74	ppb
Molybdenum	96-1	5071.28	5183.30	5070.29	5108.29	1.27	ppb

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:03:13	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	5104.93	5125.46	5153.22	5127.87	0.47	ppb
Molybdenum	98-1	5154.91	5121.66	5213.02	5163.20	0.90	ppb
Neodymium	150-1						cps
Nickel	60-1	497.95	514.00	513.73	508.56	1.81	ppb
Phosphorus	31-1	10005.23	10456.19	10327.50	10262.97	2.26	ppb
Potassium	39-1	25064.37	26102.26	25541.57	25569.40	2.03	ppb
Rhodium	103-1				96		%
Scandium	45-1				97		%
Selenium	82-1	502.98	499.50	512.88	505.12	1.37	ppb
Selenium	77-1	499.22	521.57	498.18	506.33	2.61	ppb
Selenium	78-1	512.39	509.62	502.03	508.01	1.06	ppb
Silicon	28-1	502.13	530.74	512.74	515.20	2.81	ppb
Silver	109-1	493.88	495.01	499.07	495.99	0.55	ppb
Silver	107-1	500.46	502.75	497.28	500.16	0.55	ppb
Sodium	23-1	51037.60	53041.81	52038.20	52039.20	1.93	ppb
Strontium	86-1	12614.49	12911.75	12666.39	12730.88	1.25	ppb
Strontium	88-1	12553.34	12775.35	12439.05	12589.25	1.36	ppb
Sulfur	34-1	653.51	5795.10	3663.28	3370.63	76.64	ppb
Terbium	159-1				102		%
Thallium	203-1	504.35	518.78	496.81	506.65	2.20	ppb
Thallium	205-1	485.35	494.37	482.92	487.55	1.24	ppb
Tin	118-1	493.73	502.07	501.06	498.95	0.91	ppb
Titanium	47-1	5001.30	5183.33	5063.96	5082.86	1.82	ppb
Uranium	238-1	498.15	519.74	499.97	505.95	2.37	ppb
Vanadium	51-1	491.30	507.07	500.44	499.60	1.59	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				100		%
Zinc	66-1	5047.37	5132.87	5197.66	5125.97	1.47	ppb
Zirconium	90-1	502.28	501.19	490.70	498.05	1.28	ppb
Zirconium	91-1	504.12	498.10	503.92	502.05	0.68	ppb

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:06:19	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	21602.68	21097.00	21201.07	21300.25	1.25	ppb
Antimony	121-1	1009.11	998.94	1002.69	1003.58	0.51	ppb
Arsenic	75-1	997.15	997.15	993.67	995.99	0.20	ppb
Barium	135-1	5046.51	5032.92	4963.73	5014.39	0.89	ppb
Barium	137-1	5019.83	5049.35	4993.34	5020.84	0.56	ppb
Beryllium	9-1	1005.74	999.76	990.45	998.65	0.77	ppb
Bismuth	209-1				104		%
Bromine	81-1						cps
Cadmium	106-1	1004.06	1002.57	986.65	997.76	0.97	ppb
Cadmium	108-1	1013.58	1010.39	976.11	1000.03	2.08	ppb
Cadmium	111-1	1000.67	1003.02	993.08	998.92	0.52	ppb
Calcium	43-1	107503.16	106566.90	108204.08	107424.71	0.76	ppb
Calcium	44-1	106398.65	106184.78	107376.62	106653.35	0.60	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	1004.97	1014.16	994.10	1004.41	1.00	ppb
Cobalt	59-1	1003.16	1008.00	1006.69	1005.95	0.25	ppb
Copper	63-1	9996.71	10063.70	9931.36	9997.26	0.66	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				104		%
Indium	115-1				100		%
Iron	54-1						ppb
Iron	56-1	49881.97	50349.67	49870.16	50033.93	0.55	ppb
Iron	57-1	51522.64	51699.79	51950.18	51724.20	0.42	ppb
Krypton	83-1						cps
Lead	206-1	5000.30	4952.51	5070.77	5007.86	1.19	ppb
Lead	207-1	4950.46	4985.30	5087.32	5007.69	1.42	ppb
Lead	208-1	4965.07	4947.80	5078.59	4997.15	1.42	ppb
Lithium	6-1				98		%
Magnesium	24-1	101382.85	99747.01	100619.66	100583.17	0.81	ppb
Manganese	55-1	9982.77	9992.00	9927.94	9967.57	0.35	ppb
Molybdenum	94-1	9985.22	10042.62	9841.70	9956.51	1.04	ppb
Molybdenum	95-1	10010.75	10004.09	9899.99	9971.61	0.62	ppb
Molybdenum	96-1	10014.38	9954.69	9851.17	9940.08	0.83	ppb

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:06:19	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	9864.89	10004.88	9916.24	9928.67	0.71	ppb
Molybdenum	98-1	9752.45	10075.72	9854.26	9894.14	1.67	ppb
Neodymium	150-1						cps
Nickel	60-1	998.15	992.35	994.84	995.11	0.29	ppb
Phosphorus	31-1	19792.31	19935.17	19866.74	19864.74	0.36	ppb
Potassium	39-1	50443.74	51080.84	50810.81	50778.46	0.63	ppb
Rhodium	103-1				97		%
Scandium	45-1				99		%
Selenium	82-1	1002.05	997.60	988.62	996.09	0.69	ppb
Selenium	77-1	987.58	998.15	1001.33	995.69	0.72	ppb
Selenium	78-1	1001.69	1002.68	1000.13	1001.50	0.13	ppb
Silicon	28-1	1000.63	986.18	980.45	989.09	1.05	ppb
Silver	109-1	1013.66	1001.03	987.42	1000.71	1.31	ppb
Silver	107-1	999.08	995.85	1000.27	998.40	0.23	ppb
Sodium	23-1	103134.35	102289.04	101969.72	102464.37	0.59	ppb
Strontium	86-1	24957.20	24558.29	25128.25	24881.25	1.18	ppb
Strontium	88-1	24855.76	24951.32	25053.94	24953.68	0.40	ppb
Sulfur	34-1	28669.57	27146.25	27722.49	27846.11	2.76	ppb
Terbium	159-1				105		%
Thallium	203-1	1004.60	987.91	999.22	997.25	0.85	ppb
Thallium	205-1	1017.73	983.07	1028.79	1009.86	2.36	ppb
Tin	118-1	1000.94	995.80	1005.96	1000.90	0.51	ppb
Titanium	47-1	9977.28	9876.48	10028.96	9960.90	0.78	ppb
Uranium	238-1	1015.65	988.01	1001.66	1001.77	1.38	ppb
Vanadium	51-1	1004.62	999.63	1001.44	1001.90	0.25	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				102		%
Zinc	66-1	9949.01	9893.31	10059.22	9967.18	0.85	ppb
Zirconium	90-1	992.26	996.73	1014.51	1001.17	1.18	ppb
Zirconium	91-1	979.38	1014.00	1000.90	998.10	1.75	ppb

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:09:23	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	98828.58	97004.54	103153.14	99662.09	3.17	ppb
Antimony	121-1	1.42	1.06	1.13	1.20	16.16	ppb
Arsenic	75-1	1.40	0.51	0.74	0.88	52.22	ppb
Barium	135-1	6.43	3.08	2.76	4.09	49.76	ppb
Barium	137-1	5.66	3.48	2.52	3.89	41.47	ppb
Beryllium	9-1	0.88	0.32	0.19	0.46	79.18	ppb
Bismuth	209-1				97		%
Bromine	81-1						cps
Cadmium	106-1	3.04	4.51	1.28	2.94	55.07	ppb
Cadmium	108-1	3.12	1.72	2.12	2.32	30.91	ppb
Cadmium	111-1	1.51	1.14	0.59	1.08	42.94	ppb
Calcium	43-1	499763.90	486908.51	507203.26	497958.56	2.06	ppb
Calcium	44-1	491444.45	492951.26	509904.42	498100.04	2.06	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	6.19	5.64	6.26	6.03	5.58	ppb
Cobalt	59-1	3.38	2.66	2.92	2.98	12.31	ppb
Copper	63-1	12.28	6.89	6.02	8.39	40.37	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				99		%
Indium	115-1				95		%
Iron	54-1						ppb
Iron	56-1	249250.09	241576.49	259029.63	249952.07	3.50	ppb
Iron	57-1	247762.85	242356.39	258389.43	249502.89	3.27	ppb
Krypton	83-1						cps
Lead	206-1	6.13	3.80	3.05	4.33	37.12	ppb
Lead	207-1	5.64	3.56	3.13	4.11	32.65	ppb
Lead	208-1	6.36	3.51	3.08	4.31	41.29	ppb
Lithium	6-1				93		%
Magnesium	24-1	498765.35	493206.25	507154.10	499708.57	1.41	ppb
Manganese	55-1	16.09	9.06	9.29	11.48	34.78	ppb
Molybdenum	94-1	9.45	2.97	2.46	4.96	78.46	ppb
Molybdenum	95-1	7.55	3.09	1.62	4.09	75.48	ppb
Molybdenum	96-1	8.45	3.02	1.81	4.43	79.82	ppb

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:09:23	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	8.01	2.12	1.95	4.03	85.67	ppb
Molybdenum	98-1	9.48	2.78	1.80	4.69	89.22	ppb
Neodymium	150-1						cps
Nickel	60-1	6.26	5.34	5.58	5.73	8.33	ppb
Phosphorus	31-1	7.21	4.26	1.24	4.23	70.53	ppb
Potassium	39-1	247264.73	239909.01	262191.00	249788.25	4.55	ppb
Rhodium	103-1				91		%
Scandium	45-1				94		%
Selenium	82-1	8.54	7.03	10.54	8.70	20.27	ppb
Selenium	77-1	6.99	6.82	6.40	6.74	4.52	ppb
Selenium	78-1	-30.11	-27.62	0.67	-19.02		ppb
Silicon	28-1	49.10	55.93	63.53	56.18	12.85	ppb
Silver	109-1	0.67	0.24	0.19	0.36	73.11	ppb
Silver	107-1	0.70	0.20	0.06	0.32	104.93	ppb
Sodium	23-1	487235.18	495135.01	515420.79	499263.66	2.91	ppb
Strontium	86-1	19.27	4.73	2.38	8.79	104.03	ppb
Strontium	88-1	20.17	5.46	2.49	9.37	101.01	ppb
Sulfur	34-1	-6374.80	-13633.39	1189.43	-6272.92		ppb
Terbium	159-1				100		%
Thallium	203-1	0.99	0.51	0.41	0.64	48.82	ppb
Thallium	205-1	0.99	0.42	0.46	0.62	51.34	ppb
Tin	118-1	1.54	0.90	0.75	1.07	39.38	ppb
Titanium	47-1	8.42	2.32	0.91	3.88	102.88	ppb
Uranium	238-1	0.78	0.21	0.17	0.39	87.43	ppb
Vanadium	51-1	1.10	0.40	0.27	0.59	75.96	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				98		%
Zinc	66-1	24.03	18.58	18.94	20.52	14.85	ppb
Zirconium	90-1	1.08	0.39	0.43	0.63	61.65	ppb
Zirconium	91-1	0.91	0.56	0.46	0.64	36.58	ppb

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:16:58	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	486.40	496.60	500.69	494.56	1.49	ppb
Antimony	121-1	187.66	191.33	188.85	189.28	0.99	ppb
Arsenic	75-1	203.05	200.46	200.78	201.43	0.70	ppb
Barium	135-1	95.44	95.48	93.84	94.92	0.99	ppb
Barium	137-1	92.42	91.27	91.31	91.67	0.71	ppb
Beryllium	9-1	97.72	98.94	97.43	98.03	0.82	ppb
Bismuth	209-1				100		%
Bromine	81-1						cps
Cadmium	106-1	88.66	91.90	91.60	90.72	1.97	ppb
Cadmium	108-1	103.80	118.72	108.77	110.43	6.88	ppb
Cadmium	111-1	96.05	98.98	99.14	98.06	1.77	ppb
Calcium	43-1	1881.57	1866.60	1852.32	1866.83	0.78	ppb
Calcium	44-1	2022.96	2027.27	2058.83	2036.36	0.96	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	96.72	96.64	96.06	96.47	0.37	ppb
Cobalt	59-1	95.58	97.37	97.44	96.80	1.09	ppb
Copper	63-1	94.81	96.06	95.17	95.34	0.67	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				100		%
Indium	115-1				98		%
Iron	54-1						ppb
Iron	56-1	2001.45	2000.76	1960.53	1987.58	1.18	ppb
Iron	57-1	1958.44	2001.71	1957.57	1972.57	1.28	ppb
Krypton	83-1						cps
Lead	206-1	194.58	206.38	200.47	200.48	2.94	ppb
Lead	207-1	188.04	195.32	195.88	193.08	2.26	ppb
Lead	208-1	192.30	198.44	198.99	196.57	1.89	ppb
Lithium	6-1				98		%
Magnesium	24-1	1130.46	1159.71	1132.80	1140.99	1.42	ppb
Manganese	55-1	98.89	98.15	97.25	98.09	0.84	ppb
Molybdenum	94-1	4391.81	4249.31	4286.21	4309.11	1.72	ppb
Molybdenum	95-1	5187.84	5128.37	5132.67	5149.63	0.64	ppb
Molybdenum	96-1	5105.11	4999.71	5150.03	5084.95	1.52	ppb

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:16:58	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	5323.48	5293.16	5222.58	5279.74	0.98	ppb
Molybdenum	98-1	5325.84	5213.17	5279.32	5272.78	1.07	ppb
Neodymium	150-1						cps
Nickel	60-1	100.66	102.20	101.16	101.34	0.78	ppb
Phosphorus	31-1	-21.70	-25.44	-32.75	-26.63		ppb
Potassium	39-1	1967.24	2009.94	1952.44	1976.54	1.51	ppb
Rhodium	103-1				97		%
Scandium	45-1				97		%
Selenium	82-1	209.54	200.41	198.47	202.80	2.91	ppb
Selenium	77-1	202.32	200.92	198.22	200.49	1.04	ppb
Selenium	78-1	187.55	177.49	179.87	181.64	2.90	ppb
Silicon	28-1	-0.45	0.06	-0.26	-0.22		ppb
Silver	109-1	47.95	48.50	47.04	47.83	1.54	ppb
Silver	107-1	46.96	48.16	47.85	47.66	1.31	ppb
Sodium	23-1	2043.79	2054.65	2058.39	2052.28	0.37	ppb
Strontium	86-1	0.45	0.22	0.14	0.27	59.64	ppb
Strontium	88-1	0.76	0.56	0.61	0.65	16.29	ppb
Sulfur	34-1	-6482.81	-8378.17	-13157.17	-9339.38		ppb
Terbium	159-1				100		%
Thallium	203-1	203.27	203.58	203.59	203.48	0.09	ppb
Thallium	205-1	194.66	197.24	194.59	195.50	0.77	ppb
Tin	118-1	0.07	0.05	0.13	0.09	49.96	ppb
Titanium	47-1	0.69	0.16	0.44	0.43	61.50	ppb
Uranium	238-1	0.00	0.00	0.02	0.01	116.95	ppb
Vanadium	51-1	94.75	94.77	95.78	95.10	0.62	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				99		%
Zinc	66-1	182.17	185.19	186.07	184.48	1.11	ppb
Zirconium	90-1	0.02	0.03	0.02	0.03	8.35	ppb
Zirconium	91-1	0.14	0.12	0.18	0.15	22.38	ppb

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:21:07	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.57	0.37	0.59	0.51	23.62	ppb
Antimony	121-1	0.06	0.03	0.04	0.04	37.75	ppb
Arsenic	75-1	-0.32	-0.30	-0.03	-0.22		ppb
Barium	135-1	-0.05	0.13	0.32	0.13	136.38	ppb
Barium	137-1	-0.14	-0.03	0.11	-0.02		ppb
Beryllium	9-1	0.05	0.04	0.07	0.05	29.73	ppb
Bismuth	209-1				99		%
Bromine	81-1						cps
Cadmium	106-1	-0.20	-1.96	-1.08	-1.08		ppb
Cadmium	108-1	0.13	0.33	0.53	0.33	59.96	ppb
Cadmium	111-1	0.07	-0.17	-0.07	-0.06		ppb
Calcium	43-1	2.10	1.50	14.58	6.06	121.90	ppb
Calcium	44-1	171.05	163.62	172.50	169.06	2.82	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	0.16	-0.28	-0.09	-0.07		ppb
Cobalt	59-1	0.02	0.01	0.01	0.01	66.46	ppb
Copper	63-1	0.48	0.47	0.49	0.48	2.02	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				97		%
Indium	115-1				97		%
Iron	54-1						ppb
Iron	56-1	-36.25	-36.04	-32.39	-34.89		ppb
Iron	57-1	-8.07	2.53	28.49	7.65	245.81	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.11	0.03	0.09	53.62	ppb
Lead	207-1	0.12	0.10	0.20	0.14	36.15	ppb
Lead	208-1	0.12	0.09	0.09	0.10	19.87	ppb
Lithium	6-1				96		%
Magnesium	24-1	1.31	0.91	0.94	1.05	20.97	ppb
Manganese	55-1	0.22	-0.02	0.12	0.11	111.17	ppb
Molybdenum	94-1	0.12	0.13	0.15	0.14	11.50	ppb
Molybdenum	95-1	0.12	0.18	0.27	0.19	40.40	ppb
Molybdenum	96-1	0.29	0.23	0.23	0.25	14.72	ppb

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:21:07	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	0.12	0.13	0.15	0.13	12.46	ppb
Molybdenum	98-1	0.17	0.12	0.17	0.15	18.22	ppb
Neodymium	150-1						cps
Nickel	60-1	0.02	0.03	0.27	0.11	133.89	ppb
Phosphorus	31-1	-7.72	-16.74	-3.08	-9.18		ppb
Potassium	39-1	41.80	55.39	64.88	54.02	21.47	ppb
Rhodium	103-1				95		%
Scandium	45-1				94		%
Selenium	82-1	1.69	1.33	2.11	1.71	22.80	ppb
Selenium	77-1	0.07	-0.11	-0.45	-0.16		ppb
Selenium	78-1	-30.94	-11.43	-15.87	-19.42		ppb
Silicon	28-1	0.23	-0.05	1.35	0.51	145.42	ppb
Silver	109-1	0.03	0.02	0.04	0.03	30.55	ppb
Silver	107-1	0.05	0.02	0.03	0.03	37.50	ppb
Sodium	23-1	90.71	86.32	88.53	88.52	2.48	ppb
Strontium	86-1	-0.25	-0.05	-0.44	-0.25		ppb
Strontium	88-1	0.01	0.02	0.04	0.02	78.80	ppb
Sulfur	34-1	-4870.65	-6262.17	-806.54	-3979.79		ppb
Terbium	159-1				98		%
Thallium	203-1	-0.03	0.03	-0.01	0.00		ppb
Thallium	205-1	0.07	0.04	0.03	0.04	49.29	ppb
Tin	118-1	0.08	-0.04	0.03	0.02	258.34	ppb
Titanium	47-1	-0.20	-0.26	-0.08	-0.18		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-1	0.00	0.04	0.00	0.01	163.82	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				98		%
Zinc	66-1	0.56	0.09	0.21	0.29	85.14	ppb
Zirconium	90-1	0.01	0.00	0.02	0.01	81.94	ppb
Zirconium	91-1	-0.01	0.06	0.02	0.02	148.72	ppb

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:24:01	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	95453.65	95775.67	98354.70	96528.00	1.65	ppb
Antimony	121-1	1.19	0.99	1.17	1.12	9.88	ppb
Arsenic	75-1	0.16	0.46	1.07	0.56	83.40	ppb
Barium	135-1	1.37	1.59	1.08	1.35	18.98	ppb
Barium	137-1	1.33	1.23	1.13	1.23	8.29	ppb
Beryllium	9-1	0.45	0.32	0.24	0.34	31.61	ppb
Bismuth	209-1				100		%
Bromine	81-1						cps
Cadmium	106-1	0.98	3.33	3.33	2.55	53.30	ppb
Cadmium	108-1	10.28	11.87	11.27	11.14	7.22	ppb
Cadmium	111-1	0.53	0.76	0.67	0.66	17.93	ppb
Calcium	43-1	92023.84	92763.84	93859.19	92882.29	0.99	ppb
Calcium	44-1	94342.48	96447.16	98004.59	96264.75	1.91	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	18.48	19.85	19.64	19.32	3.82	ppb
Cobalt	59-1	1.03	1.19	1.16	1.12	7.64	ppb
Copper	63-1	8.32	8.51	8.62	8.48	1.78	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				102		%
Indium	115-1				97		%
Iron	54-1						ppb
Iron	56-1	95876.45	98193.44	97967.42	97345.77	1.31	ppb
Iron	57-1	97781.76	98661.65	99539.00	98660.80	0.89	ppb
Krypton	83-1						cps
Lead	206-1	5.18	4.98	5.22	5.13	2.49	ppb
Lead	207-1	4.30	4.96	4.75	4.67	7.20	ppb
Lead	208-1	4.58	4.92	5.02	4.84	4.71	ppb
Lithium	6-1				97		%
Magnesium	24-1	92380.75	93106.94	92804.84	92764.18	0.39	ppb
Manganese	55-1	7.67	7.34	7.41	7.47	2.32	ppb
Molybdenum	94-1	1503.69	1594.02	1570.37	1556.03	3.01	ppb
Molybdenum	95-1	1800.43	1943.64	1873.76	1872.61	3.82	ppb
Molybdenum	96-1	1767.55	1899.34	1837.21	1834.70	3.59	ppb

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:24:01	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	1836.83	1965.21	1914.17	1905.40	3.39	ppb
Molybdenum	98-1	1887.91	1977.73	1917.37	1927.67	2.38	ppb
Neodymium	150-1						cps
Nickel	60-1	6.05	6.35	6.13	6.18	2.45	ppb
Phosphorus	31-1	94334.33	94564.51	96432.27	95110.37	1.21	ppb
Potassium	39-1	94252.04	95549.62	97888.84	95896.83	1.92	ppb
Rhodium	103-1				94		%
Scandium	45-1				96		%
Selenium	82-1	2.25	3.14	0.77	2.05	58.38	ppb
Selenium	77-1	13.36	17.29	21.38	17.34	23.11	ppb
Selenium	78-1	-40.93	-13.25	-24.37	-26.18		ppb
Silicon	28-1	4.98	4.50	4.82	4.77	5.06	ppb
Silver	109-1	0.02	0.07	0.04	0.05	50.16	ppb
Silver	107-1	0.03	0.03	0.05	0.04	26.95	ppb
Sodium	23-1	96984.87	98796.77	100274.12	98685.25	1.67	ppb
Strontium	86-1	30.99	34.44	32.75	32.72	5.28	ppb
Strontium	88-1	32.70	33.18	33.19	33.02	0.86	ppb
Sulfur	34-1	235276.39	232312.32	229441.77	232343.49	1.26	ppb
Terbium	159-1				101		%
Thallium	203-1	0.13	0.26	0.18	0.19	34.00	ppb
Thallium	205-1	0.20	0.22	0.19	0.20	8.05	ppb
Tin	118-1	0.11	0.14	0.19	0.15	24.50	ppb
Titanium	47-1	1931.87	1958.81	1969.33	1953.34	0.99	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	14.06	ppb
Vanadium	51-1	0.23	0.26	0.34	0.28	19.74	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				99		%
Zinc	66-1	10.73	11.40	11.17	11.10	3.04	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	42.44	ppb
Zirconium	91-1	0.06	-0.01	0.06	0.04	101.96	ppb

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:26:58	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	97244.30	97227.57	99102.66	97858.18	1.10	ppb
Antimony	121-1	20.27	20.54	20.05	20.29	1.23	ppb
Arsenic	75-1	20.06	21.03	21.06	20.72	2.74	ppb
Barium	135-1	19.62	19.73	18.56	19.30	3.34	ppb
Barium	137-1	18.57	19.96	19.14	19.22	3.63	ppb
Beryllium	9-1	19.49	20.17	20.23	19.96	2.07	ppb
Bismuth	209-1				99		%
Bromine	81-1						cps
Cadmium	106-1	14.51	16.87	18.93	16.77	13.17	ppb
Cadmium	108-1	26.00	30.37	27.19	27.85	8.12	ppb
Cadmium	111-1	19.33	19.27	19.01	19.20	0.87	ppb
Calcium	43-1	94030.60	92275.38	94547.74	93617.90	1.27	ppb
Calcium	44-1	96305.63	96776.42	97703.82	96928.62	0.73	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	37.90	38.28	39.56	38.58	2.26	ppb
Cobalt	59-1	19.67	21.03	20.51	20.40	3.37	ppb
Copper	63-1	26.60	27.35	27.22	27.06	1.48	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				101		%
Indium	115-1				96		%
Iron	54-1						ppb
Iron	56-1	96770.31	95621.95	99461.41	97284.56	2.03	ppb
Iron	57-1	100159.51	99689.03	99766.43	99871.66	0.25	ppb
Krypton	83-1						cps
Lead	206-1	27.35	26.73	27.09	27.06	1.15	ppb
Lead	207-1	25.77	26.35	26.61	26.24	1.63	ppb
Lead	208-1	26.12	26.26	26.54	26.31	0.81	ppb
Lithium	6-1				97		%
Magnesium	24-1	93998.22	92662.42	94035.15	93565.26	0.84	ppb
Manganese	55-1	26.46	26.30	27.09	26.61	1.57	ppb
Molybdenum	94-1	1552.80	1569.88	1535.28	1552.66	1.11	ppb
Molybdenum	95-1	1843.58	1886.47	1861.36	1863.80	1.16	ppb
Molybdenum	96-1	1808.50	1850.60	1817.10	1825.40	1.22	ppb

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:26:58	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	1877.83	1932.94	1873.44	1894.74	1.75	ppb
Molybdenum	98-1	1932.66	1967.84	1914.78	1938.43	1.39	ppb
Neodymium	150-1						cps
Nickel	60-1	26.77	25.55	26.66	26.33	2.56	ppb
Phosphorus	31-1	96067.56	94863.94	96953.57	95961.69	1.09	ppb
Potassium	39-1	98446.42	95723.12	97991.44	97386.99	1.50	ppb
Rhodium	103-1				93		%
Scandium	45-1				95		%
Selenium	82-1	20.56	19.56	18.45	19.52	5.40	ppb
Selenium	77-1	38.80	43.66	42.62	41.69	6.14	ppb
Selenium	78-1	-13.15	0.67	-4.73	-5.74		ppb
Silicon	28-1	6.05	5.27	6.79	6.04	12.58	ppb
Silver	109-1	17.90	18.22	18.72	18.28	2.27	ppb
Silver	107-1	19.06	17.97	18.31	18.45	3.02	ppb
Sodium	23-1	99000.79	98460.08	98881.35	98780.74	0.29	ppb
Strontium	86-1	32.59	32.63	32.84	32.68	0.41	ppb
Strontium	88-1	32.68	33.69	33.48	33.29	1.59	ppb
Sulfur	34-1	230614.36	222178.29	229763.97	227518.87	2.04	ppb
Terbium	159-1				101		%
Thallium	203-1	21.01	20.69	21.84	21.18	2.80	ppb
Thallium	205-1	20.29	20.46	20.13	20.30	0.82	ppb
Tin	118-1	0.22	0.17	0.25	0.21	16.99	ppb
Titanium	47-1	1933.88	1932.94	1990.97	1952.60	1.70	ppb
Uranium	238-1	0.01	0.03	0.03	0.02	37.29	ppb
Vanadium	51-1	19.36	19.00	19.73	19.36	1.89	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				99		%
Zinc	66-1	32.02	32.63	32.66	32.44	1.10	ppb
Zirconium	90-1	0.02	-0.01	0.06	0.02	138.24	ppb
Zirconium	91-1	0.03	-0.01	0.08	0.04	118.95	ppb

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:29:52	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	49434.86	50470.73	51219.63	50375.08	1.78	ppb
Antimony	121-1	490.49	484.47	486.82	487.26	0.62	ppb
Arsenic	75-1	491.50	503.31	514.79	503.20	2.31	ppb
Barium	135-1	2483.87	2473.89	2447.89	2468.55	0.75	ppb
Barium	137-1	2423.81	2457.86	2434.36	2438.68	0.71	ppb
Beryllium	9-1	510.41	514.74	511.56	512.24	0.44	ppb
Bismuth	209-1				101		%
Bromine	81-1						cps
Cadmium	106-1	499.91	509.63	502.85	504.13	0.99	ppb
Cadmium	108-1	500.89	493.12	495.91	496.64	0.79	ppb
Cadmium	111-1	499.55	496.54	500.73	498.94	0.43	ppb
Calcium	43-1	240820.34	247142.57	245871.72	244611.54	1.37	ppb
Calcium	44-1	249623.61	257227.64	253579.17	253476.81	1.50	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	484.95	487.07	495.48	489.17	1.14	ppb
Cobalt	59-1	481.87	481.85	477.52	480.42	0.52	ppb
Copper	63-1	4875.28	4829.44	5017.98	4907.57	2.00	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				103		%
Indium	115-1				99		%
Iron	54-1						ppb
Iron	56-1	122283.39	125206.59	124425.81	123971.93	1.22	ppb
Iron	57-1	123802.07	127550.05	126688.87	126013.66	1.56	ppb
Krypton	83-1						cps
Lead	206-1	2558.75	2551.25	2595.12	2568.37	0.91	ppb
Lead	207-1	2555.87	2550.46	2567.29	2557.88	0.34	ppb
Lead	208-1	2550.89	2558.77	2603.85	2571.17	1.11	ppb
Lithium	6-1				96		%
Magnesium	24-1	245855.54	250976.12	251633.56	249488.41	1.27	ppb
Manganese	55-1	4965.96	4996.94	5041.67	5001.52	0.76	ppb
Molybdenum	94-1	4959.28	5055.09	5172.47	5062.28	2.11	ppb
Molybdenum	95-1	4975.39	4946.73	5094.14	5005.42	1.56	ppb
Molybdenum	96-1	5096.59	4882.39	5179.73	5052.90	3.04	ppb

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:29:52	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	5108.60	4984.83	5315.59	5136.34	3.25	ppb
Molybdenum	98-1	5233.34	4925.66	5228.09	5129.03	3.43	ppb
Neodymium	150-1						cps
Nickel	60-1	500.75	501.31	504.60	502.22	0.41	ppb
Phosphorus	31-1	10034.09	10141.58	10256.25	10143.98	1.10	ppb
Potassium	39-1	122959.67	126411.10	123160.52	124177.10	1.56	ppb
Rhodium	103-1				96		%
Scandium	45-1				98		%
Selenium	82-1	487.06	494.76	505.73	495.85	1.89	ppb
Selenium	77-1	500.94	506.95	523.93	510.61	2.34	ppb
Selenium	78-1	479.47	492.97	509.85	494.10	3.08	ppb
Silicon	28-1	516.45	533.11	539.87	529.81	2.28	ppb
Silver	109-1	501.70	505.13	497.50	501.44	0.76	ppb
Silver	107-1	501.06	500.39	492.90	498.12	0.91	ppb
Sodium	23-1	247437.66	248899.83	249636.42	248657.97	0.45	ppb
Strontium	86-1	12065.00	12397.01	12614.50	12358.84	2.24	ppb
Strontium	88-1	12246.09	12413.59	12566.19	12408.62	1.29	ppb
Sulfur	34-1	3343.67	8108.69	10659.46	7370.61	50.38	ppb
Terbium	159-1				104		%
Thallium	203-1	497.19	502.00	509.88	503.03	1.27	ppb
Thallium	205-1	475.87	482.47	481.81	480.05	0.76	ppb
Tin	118-1	490.03	483.80	499.83	491.22	1.65	ppb
Titanium	47-1	4897.80	5004.85	4979.37	4960.67	1.13	ppb
Uranium	238-1	516.57	522.72	533.09	524.13	1.59	ppb
Vanadium	51-1	488.03	485.64	502.98	492.22	1.91	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				101		%
Zinc	66-1	4958.73	4996.49	5058.96	5004.73	1.01	ppb
Zirconium	90-1	484.97	488.46	492.81	488.74	0.80	ppb
Zirconium	91-1	486.67	498.00	496.99	493.89	1.27	ppb

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:37:26	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	3.03	1.52	0.81	1.79	63.36	ppb
Antimony	121-1	0.09	0.06	0.09	0.08	21.45	ppb
Arsenic	75-1	-0.09	0.01	0.05	-0.01		ppb
Barium	135-1	-0.08	-0.01	0.02	-0.02		ppb
Barium	137-1	0.01	0.07	0.03	0.03	91.65	ppb
Beryllium	9-1	0.12	0.02	0.09	0.07	67.41	ppb
Bismuth	209-1				98		%
Bromine	81-1						cps
Cadmium	106-1	-1.08	-0.20	-1.08	-0.78		ppb
Cadmium	108-1	-0.46	0.33	-0.27	-0.13		ppb
Cadmium	111-1	0.05	0.09	0.00	0.05	100.27	ppb
Calcium	43-1	6.84	7.11	17.52	10.49	58.08	ppb
Calcium	44-1	285.57	141.41	154.39	193.79	41.15	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	0.25	0.15	0.30	0.23	34.28	ppb
Cobalt	59-1	0.04	0.04	-0.01	0.02	127.98	ppb
Copper	63-1	0.65	0.70	0.64	0.66	4.46	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				95		%
Indium	115-1				96		%
Iron	54-1						ppb
Iron	56-1	34.90	6.64	10.01	17.18	89.85	ppb
Iron	57-1	42.75	4.50	1.67	16.31	140.73	ppb
Krypton	83-1						cps
Lead	206-1	0.21	0.16	0.18	0.18	13.01	ppb
Lead	207-1	0.33	0.21	0.28	0.28	22.85	ppb
Lead	208-1	0.26	0.21	0.22	0.23	11.53	ppb
Lithium	6-1				96		%
Magnesium	24-1	8.82	4.02	2.54	5.13	64.08	ppb
Manganese	55-1	0.49	0.11	0.11	0.24	93.27	ppb
Molybdenum	94-1	0.12	0.20	0.22	0.18	30.20	ppb
Molybdenum	95-1	0.13	0.03	0.19	0.12	69.64	ppb
Molybdenum	96-1	0.04	0.17	0.16	0.12	57.77	ppb

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:37:26	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	0.08	0.02	0.04	0.05	62.48	ppb
Molybdenum	98-1	0.20	0.11	0.13	0.15	30.85	ppb
Neodymium	150-1						cps
Nickel	60-1	0.31	0.41	0.22	0.31	29.37	ppb
Phosphorus	31-1	8.78	-31.22	-32.43	-18.29		ppb
Potassium	39-1	171.24	48.85	51.36	90.48	77.30	ppb
Rhodium	103-1				94		%
Scandium	45-1				94		%
Selenium	82-1	2.54	1.03	-0.27	1.10	127.91	ppb
Selenium	77-1	2.81	2.78	1.81	2.47	23.13	ppb
Selenium	78-1	32.42	-11.03	-20.95	0.15	19208.58	ppb
Silicon	28-1	5.29	-0.91	-1.80	0.86	447.38	ppb
Silver	109-1	0.11	0.08	0.09	0.09	17.56	ppb
Silver	107-1	0.18	0.11	0.06	0.12	50.92	ppb
Sodium	23-1	129.98	97.04	97.73	108.25	17.39	ppb
Strontium	86-1	0.50	0.01	-0.22	0.10	374.35	ppb
Strontium	88-1	0.36	0.22	0.15	0.24	43.22	ppb
Sulfur	34-1	10212.30	-5229.64	-3881.26	367.13	2329.62	ppb
Terbium	159-1				97		%
Thallium	203-1	0.17	0.13	0.11	0.14	22.56	ppb
Thallium	205-1	0.17	0.13	0.09	0.13	30.64	ppb
Tin	118-1	-0.01	0.07	-0.02	0.01	369.90	ppb
Titanium	47-1	-0.11	-0.44	0.00	-0.18		ppb
Uranium	238-1	0.02	0.00	0.00	0.01	100.32	ppb
Vanadium	51-1	0.12	0.11	0.08	0.11	18.61	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				95		%
Zinc	66-1	0.36	0.18	0.05	0.20	78.30	ppb
Zirconium	90-1	0.00	0.00	0.02	0.00	267.08	ppb
Zirconium	91-1	0.11	0.04	0.10	0.08	47.59	ppb

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:40:22	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	20.02	19.35	19.37	19.58	1.96	ppb
Antimony	121-1	1.81	1.81	1.97	1.87	4.66	ppb
Arsenic	75-1	1.15	1.03	0.39	0.85	47.80	ppb
Barium	135-1	8.26	9.68	8.11	8.68	9.97	ppb
Barium	137-1	8.50	9.20	8.77	8.82	3.97	ppb
Beryllium	9-1	1.17	1.05	1.01	1.08	7.67	ppb
Bismuth	209-1				100		%
Bromine	81-1						cps
Cadmium	106-1	1.57	-0.20	0.98	0.78	114.56	ppb
Cadmium	108-1	1.33	2.72	2.72	2.25	35.65	ppb
Cadmium	111-1	0.85	0.87	0.78	0.83	5.94	ppb
Calcium	43-1	457.72	454.68	481.85	464.75	3.20	ppb
Calcium	44-1	636.83	560.74	568.24	588.60	7.12	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	1.84	1.78	1.92	1.85	3.94	ppb
Cobalt	59-1	1.09	0.92	1.03	1.01	8.28	ppb
Copper	63-1	2.25	2.25	2.35	2.28	2.69	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				100		%
Indium	115-1				98		%
Iron	54-1						ppb
Iron	56-1	62.48	49.95	50.72	54.38	12.92	ppb
Iron	57-1	43.80	51.42	47.13	47.45	8.05	ppb
Krypton	83-1						cps
Lead	206-1	1.12	1.12	1.02	1.09	5.48	ppb
Lead	207-1	1.03	1.17	1.06	1.09	6.89	ppb
Lead	208-1	1.08	1.14	1.05	1.09	4.21	ppb
Lithium	6-1				99		%
Magnesium	24-1	488.17	488.77	477.06	484.67	1.36	ppb
Manganese	55-1	1.24	0.81	0.81	0.95	25.78	ppb
Molybdenum	94-1	5.52	5.16	5.44	5.37	3.46	ppb
Molybdenum	95-1	4.74	4.73	4.73	4.73	0.17	ppb
Molybdenum	96-1	5.27	4.82	4.89	5.00	4.83	ppb

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:40:22	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	4.34	3.96	5.21	4.50	14.25	ppb
Molybdenum	98-1	4.78	4.70	4.72	4.74	0.93	ppb
Neodymium	150-1						cps
Nickel	60-1	0.87	0.86	1.09	0.94	13.94	ppb
Phosphorus	31-1	8.03	5.66	-0.68	4.33	103.93	ppb
Potassium	39-1	541.68	477.50	488.97	502.72	6.81	ppb
Rhodium	103-1				97		%
Scandium	45-1				97		%
Selenium	82-1	5.77	5.82	4.22	5.27	17.29	ppb
Selenium	77-1	6.66	6.19	7.46	6.77	9.51	ppb
Selenium	78-1	-18.58	-21.06	-25.70	-21.78		ppb
Silicon	28-1	0.61	-1.01	-1.77	-0.72		ppb
Silver	109-1	0.99	0.96	0.99	0.98	1.91	ppb
Silver	107-1	1.10	0.85	0.76	0.91	19.33	ppb
Sodium	23-1	595.77	566.10	551.13	571.00	3.98	ppb
Strontium	86-1	0.65	1.01	0.95	0.87	22.06	ppb
Strontium	88-1	1.01	1.06	0.96	1.01	4.82	ppb
Sulfur	34-1	-1046.18	-5897.33	-6741.21	-4561.58		ppb
Terbium	159-1				100		%
Thallium	203-1	0.97	0.98	1.04	1.00	3.93	ppb
Thallium	205-1	1.02	1.10	0.97	1.03	6.14	ppb
Tin	118-1	4.84	4.96	4.29	4.70	7.62	ppb
Titanium	47-1	4.08	3.97	4.25	4.10	3.48	ppb
Uranium	238-1	0.92	0.83	0.75	0.83	10.50	ppb
Vanadium	51-1	4.91	4.85	4.71	4.82	2.15	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				100		%
Zinc	66-1	4.80	4.94	4.53	4.76	4.37	ppb
Zirconium	90-1	0.86	0.84	0.80	0.84	3.80	ppb
Zirconium	91-1	0.86	0.85	1.06	0.93	12.60	ppb

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	P1174-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:47:40	DataFile Name :	020AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	536.91	541.66	538.69	539.09	0.45	ppb
Antimony	121-1	27.44	25.70	27.80	26.98	4.17	ppb
Arsenic	75-1	30.14	32.14	29.20	30.49	4.91	ppb
Barium	135-1	637.33	621.99	622.72	627.35	1.38	ppb
Barium	137-1	619.10	611.20	609.08	613.13	0.86	ppb
Beryllium	9-1	7.21	6.59	6.94	6.92	4.52	ppb
Bismuth	209-1				100		%
Bromine	81-1						cps
Cadmium	106-1	25.11	28.64	32.17	28.64	12.33	ppb
Cadmium	108-1	32.17	27.99	26.99	29.05	9.45	ppb
Cadmium	111-1	32.10	31.02	31.45	31.52	1.73	ppb
Calcium	43-1	31.83	28.81	35.90	32.18	11.05	ppb
Calcium	44-1	80.40	90.61	94.48	88.50	8.22	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	87.23	92.32	90.85	90.13	2.90	ppb
Cobalt	59-1	0.02	0.01	0.07	0.03	93.56	ppb
Copper	63-1	1243.69	1308.86	1273.18	1275.25	2.56	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				100		%
Indium	115-1				99		%
Iron	54-1						ppb
Iron	56-1	1293.59	1336.11	1311.08	1313.59	1.63	ppb
Iron	57-1	1278.87	1278.27	1240.29	1265.81	1.75	ppb
Krypton	83-1						cps
Lead	206-1	12.48	12.99	12.84	12.77	2.05	ppb
Lead	207-1	12.87	13.04	12.71	12.87	1.28	ppb
Lead	208-1	12.63	12.98	12.75	12.79	1.39	ppb
Lithium	6-1				100		%
Magnesium	24-1	2.01	5.17	0.60	2.59	90.17	ppb
Manganese	55-1	652.42	673.02	677.17	667.54	1.99	ppb
Molybdenum	94-1	19.78	20.06	20.07	19.97	0.84	ppb
Molybdenum	95-1	23.08	23.86	23.46	23.47	1.67	ppb
Molybdenum	96-1	22.21	23.47	23.15	22.94	2.86	ppb

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	P1174-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:47:40	DataFile Name :	020AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	22.99	24.22	24.89	24.03	4.01	ppb
Molybdenum	98-1	23.81	25.11	23.37	24.09	3.76	ppb
Neodymium	150-1						cps
Nickel	60-1	300.82	299.54	306.49	302.28	1.22	ppb
Phosphorus	31-1	-51.57	-33.95	-27.40	-37.64		ppb
Potassium	39-1	5.39	16.80	19.05	13.75	53.31	ppb
Rhodium	103-1				97		%
Scandium	45-1				99		%
Selenium	82-1	72.59	77.27	72.65	74.17	3.62	ppb
Selenium	77-1	72.99	78.26	74.99	75.42	3.53	ppb
Selenium	78-1	38.76	64.02	44.19	48.99	27.14	ppb
Silicon	28-1	3.06	4.37	3.69	3.71	17.73	ppb
Silver	109-1	29.18	27.53	27.79	28.17	3.15	ppb
Silver	107-1	27.73	28.22	27.39	27.78	1.51	ppb
Sodium	23-1	78.00	78.95	77.51	78.15	0.94	ppb
Strontium	86-1	-0.01	-0.01	-0.02	-0.01		ppb
Strontium	88-1	-0.01	0.04	-0.01	0.00	539.22	ppb
Sulfur	34-1	-10161.06	-8274.11	-10502.48	-9645.88		ppb
Terbium	159-1				100		%
Thallium	203-1	5.70	5.23	5.34	5.42	4.49	ppb
Thallium	205-1	5.17	5.16	5.09	5.14	0.84	ppb
Tin	118-1	0.01	0.12	0.04	0.06	100.34	ppb
Titanium	47-1	-0.18	-0.39	0.08	-0.16		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-1	135.99	137.44	136.96	136.80	0.54	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				100		%
Zinc	66-1	1634.81	1653.43	1650.68	1646.31	0.61	ppb
Zirconium	90-1	0.03	0.07	0.05	0.05	37.75	ppb
Zirconium	91-1	0.10	0.06	0.08	0.08	24.52	ppb

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	PB158796BL	Instrumnet Name :	P8
Client Sample ID :	PB158796BL	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:50:34	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.41	0.81	0.88	0.70	36.14	ppb
Antimony	121-1	0.02	0.02	0.05	0.03	68.89	ppb
Arsenic	75-1	-0.20	-0.18	-0.31	-0.23		ppb
Barium	135-1	0.10	0.02	0.02	0.05	86.63	ppb
Barium	137-1	0.03	0.05	-0.12	-0.01		ppb
Beryllium	9-1	-0.02	0.03	0.00	0.00	937.89	ppb
Bismuth	209-1				99		%
Bromine	81-1						cps
Cadmium	106-1	-2.84	-1.37	-2.26	-2.16		ppb
Cadmium	108-1	-0.07	-0.07	-0.07	-0.07		ppb
Cadmium	111-1	-0.14	-0.06	-0.11	-0.10		ppb
Calcium	43-1	36.78	28.17	35.27	33.41	13.75	ppb
Calcium	44-1	97.61	93.09	83.56	91.42	7.85	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	0.09	0.00	0.07	0.05	88.47	ppb
Cobalt	59-1	-0.04	0.01	0.04	0.00	2196.73	ppb
Copper	63-1	0.53	0.45	0.51	0.50	8.41	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				99		%
Indium	115-1				98		%
Iron	54-1						ppb
Iron	56-1	6.25	1.53	-3.28	1.50	317.44	ppb
Iron	57-1	-10.64	-5.84	-6.24	-7.57		ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.03	0.04	0.05	32.99	ppb
Lead	207-1	0.09	0.08	0.16	0.11	41.18	ppb
Lead	208-1	0.08	0.08	0.09	0.08	10.46	ppb
Lithium	6-1				98		%
Magnesium	24-1	0.27	0.46	1.01	0.58	66.35	ppb
Manganese	55-1	0.27	-0.07	0.06	0.09	196.40	ppb
Molybdenum	94-1	-0.02	0.17	-0.02	0.05	231.66	ppb
Molybdenum	95-1	-0.01	0.04	0.09	0.04	115.17	ppb
Molybdenum	96-1	0.08	0.07	0.01	0.05	69.86	ppb

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	PB158796BL	Instrumnet Name :	P8
Client Sample ID :	PB158796BL	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:50:34	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	0.04	-0.03	0.07	0.03	200.97	ppb
Molybdenum	98-1	0.03	0.07	0.03	0.04	55.14	ppb
Neodymium	150-1						cps
Nickel	60-1	0.23	-0.07	0.24	0.13	131.69	ppb
Phosphorus	31-1	-33.93	-35.79	-32.55	-34.09		ppb
Potassium	39-1	35.12	14.63	-2.10	15.89	117.33	ppb
Rhodium	103-1				99		%
Scandium	45-1				98		%
Selenium	82-1	1.56	1.19	1.21	1.32	15.76	ppb
Selenium	77-1	1.22	1.19	1.37	1.26	7.40	ppb
Selenium	78-1	-16.66	-30.12	-13.15	-19.98		ppb
Silicon	28-1	-1.02	-1.09	-1.97	-1.36		ppb
Silver	109-1	-0.01	0.02	0.01	0.01	208.15	ppb
Silver	107-1	0.01	0.04	0.03	0.03	62.92	ppb
Sodium	23-1	52.38	50.62	48.20	50.40	4.16	ppb
Strontium	86-1	0.43	-0.21	-0.32	-0.04		ppb
Strontium	88-1	0.07	0.08	0.07	0.07	12.77	ppb
Sulfur	34-1	-5667.58	-6748.11	-9333.36	-7249.68		ppb
Terbium	159-1				100		%
Thallium	203-1	0.04	0.10	0.02	0.05	80.43	ppb
Thallium	205-1	0.09	0.14	0.08	0.10	28.64	ppb
Tin	118-1	0.02	-0.01	0.01	0.01	229.09	ppb
Titanium	47-1	-0.22	-0.50	-0.12	-0.28		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-1	0.06	0.01	0.05	0.04	65.49	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				100		%
Zinc	66-1	0.23	0.17	0.25	0.22	19.19	ppb
Zirconium	90-1	-0.01	-0.01	0.00	-0.01		ppb
Zirconium	91-1	0.06	0.03	-0.03	0.02	208.60	ppb

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	PB158796BS	Instrumnet Name :	P8
Client Sample ID :	PB158796BS	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:53:31	DataFile Name :	022LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	10626.86	10592.70	10459.12	10559.56	0.84	ppb
Antimony	121-1	494.79	503.13	493.97	497.30	1.02	ppb
Arsenic	75-1	492.00	495.50	503.17	496.89	1.15	ppb
Barium	135-1	2484.25	2517.86	2489.67	2497.26	0.72	ppb
Barium	137-1	2423.94	2432.05	2437.70	2431.23	0.28	ppb
Beryllium	9-1	488.48	502.84	502.64	497.98	1.65	ppb
Bismuth	209-1				103		%
Bromine	81-1						cps
Cadmium	106-1	513.45	515.22	479.58	502.75	4.00	ppb
Cadmium	108-1	477.79	501.09	497.70	492.19	2.56	ppb
Cadmium	111-1	493.91	506.91	495.30	498.71	1.43	ppb
Calcium	43-1	53368.76	53237.78	53306.00	53304.18	0.12	ppb
Calcium	44-1	54494.11	54072.48	53282.12	53949.57	1.14	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	481.71	482.90	490.78	485.13	1.02	ppb
Cobalt	59-1	481.63	476.20	479.29	479.04	0.57	ppb
Copper	63-1	5039.19	5023.99	5005.21	5022.79	0.34	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				103		%
Indium	115-1				100		%
Iron	54-1						ppb
Iron	56-1	24859.81	25164.29	25473.23	25165.78	1.22	ppb
Iron	57-1	25646.81	26308.07	26337.80	26097.56	1.50	ppb
Krypton	83-1						cps
Lead	206-1	2532.18	2570.20	2544.95	2549.11	0.76	ppb
Lead	207-1	2469.57	2562.15	2474.28	2502.00	2.08	ppb
Lead	208-1	2498.97	2552.92	2522.77	2524.89	1.07	ppb
Lithium	6-1				99		%
Magnesium	24-1	51160.07	51053.27	50661.18	50958.17	0.52	ppb
Manganese	55-1	5005.29	5030.15	5104.81	5046.75	1.03	ppb
Molybdenum	94-1	5015.74	5093.81	5077.80	5062.45	0.81	ppb
Molybdenum	95-1	4957.85	4938.87	5017.10	4971.27	0.82	ppb
Molybdenum	96-1	4946.40	4984.19	5071.80	5000.79	1.29	ppb

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	PB158796BS	Instrumnet Name :	P8
Client Sample ID :	PB158796BS	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:53:31	DataFile Name :	022LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	4895.01	5051.51	5042.58	4996.37	1.76	ppb
Molybdenum	98-1	4956.93	5036.53	5226.39	5073.28	2.73	ppb
Neodymium	150-1						cps
Nickel	60-1	498.76	492.67	493.42	494.95	0.67	ppb
Phosphorus	31-1	10148.48	9913.85	10089.26	10050.53	1.21	ppb
Potassium	39-1	25470.47	25239.97	25097.21	25269.22	0.75	ppb
Rhodium	103-1				98		%
Scandium	45-1				99		%
Selenium	82-1	481.89	495.96	496.61	491.49	1.69	ppb
Selenium	77-1	491.91	502.19	497.80	497.30	1.04	ppb
Selenium	78-1	465.41	481.97	500.38	482.59	3.63	ppb
Silicon	28-1	516.87	511.11	504.47	510.82	1.22	ppb
Silver	109-1	500.65	497.93	496.02	498.20	0.47	ppb
Silver	107-1	501.63	495.86	500.08	499.19	0.60	ppb
Sodium	23-1	51602.21	51519.20	51187.17	51436.19	0.43	ppb
Strontium	86-1	12281.33	12481.65	12681.99	12481.66	1.60	ppb
Strontium	88-1	12171.96	12543.30	12459.19	12391.49	1.57	ppb
Sulfur	34-1	8350.14	-590.47	2432.77	3397.48	133.86	ppb
Terbium	159-1				103		%
Thallium	203-1	500.70	488.14	494.49	494.45	1.27	ppb
Thallium	205-1	477.88	471.06	478.65	475.86	0.88	ppb
Tin	118-1	498.92	496.72	493.33	496.32	0.57	ppb
Titanium	47-1	4962.35	4999.84	5032.08	4998.09	0.70	ppb
Uranium	238-1	507.08	502.15	498.92	502.72	0.82	ppb
Vanadium	51-1	494.04	492.31	493.03	493.12	0.18	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				102		%
Zinc	66-1	5026.69	5007.02	4975.21	5002.97	0.52	ppb
Zirconium	90-1	480.94	485.84	493.66	486.82	1.32	ppb
Zirconium	91-1	478.67	499.69	498.46	492.27	2.40	ppb

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:56:24	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	54967.35	50916.71	50147.82	52010.63	4.98	ppb
Antimony	121-1	489.86	477.24	483.05	483.38	1.31	ppb
Arsenic	75-1	535.72	514.31	500.16	516.73	3.47	ppb
Barium	135-1	2415.35	2427.47	2417.08	2419.97	0.27	ppb
Barium	137-1	2403.34	2406.12	2409.03	2406.16	0.12	ppb
Beryllium	9-1	544.00	509.00	517.70	523.57	3.48	ppb
Bismuth	209-1				97		%
Bromine	81-1						cps
Cadmium	106-1	508.74	491.37	503.73	501.28	1.78	ppb
Cadmium	108-1	500.09	488.54	484.96	491.20	1.61	ppb
Cadmium	111-1	494.47	486.43	489.11	490.00	0.83	ppb
Calcium	43-1	263991.29	250171.63	242396.74	252186.56	4.34	ppb
Calcium	44-1	270489.00	254462.50	250940.68	258630.73	4.03	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	516.21	498.66	490.42	501.76	2.62	ppb
Cobalt	59-1	514.01	488.42	479.47	493.97	3.63	ppb
Copper	63-1	4867.24	4888.05	4856.34	4870.54	0.33	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				99		%
Indium	115-1				95		%
Iron	54-1						ppb
Iron	56-1	131324.36	126232.83	123536.82	127031.33	3.11	ppb
Iron	57-1	137542.31	128799.22	128004.37	131448.63	4.03	ppb
Krypton	83-1						cps
Lead	206-1	2729.62	2554.28	2578.15	2620.68	3.63	ppb
Lead	207-1	2674.20	2576.86	2622.32	2624.46	1.86	ppb
Lead	208-1	2705.60	2565.38	2607.09	2626.03	2.74	ppb
Lithium	6-1				94		%
Magnesium	24-1	267619.65	253933.22	247564.46	256372.45	4.00	ppb
Manganese	55-1	5177.75	5065.17	5037.00	5093.31	1.46	ppb
Molybdenum	94-1	5441.44	5192.67	5074.95	5236.35	3.57	ppb
Molybdenum	95-1	5503.47	4993.12	4951.86	5149.48	5.97	ppb
Molybdenum	96-1	5380.28	5103.09	5050.23	5177.87	3.42	ppb

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:56:24	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	5398.55	5258.75	5046.02	5234.44	3.39	ppb
Molybdenum	98-1	5418.59	5233.20	4900.92	5184.24	5.06	ppb
Neodymium	150-1						cps
Nickel	60-1	533.48	519.72	497.29	516.83	3.53	ppb
Phosphorus	31-1	10839.72	10246.47	10091.85	10392.68	3.80	ppb
Potassium	39-1	133430.53	124793.38	124101.51	127441.80	4.08	ppb
Rhodium	103-1				92		%
Scandium	45-1				94		%
Selenium	82-1	540.89	516.84	496.24	517.99	4.31	ppb
Selenium	77-1	537.18	505.55	497.13	513.29	4.11	ppb
Selenium	78-1	566.81	515.66	482.69	521.72	8.12	ppb
Silicon	28-1	571.30	558.07	538.22	555.86	3.00	ppb
Silver	109-1	481.61	485.59	488.57	485.26	0.72	ppb
Silver	107-1	499.51	486.19	484.91	490.20	1.65	ppb
Sodium	23-1	265321.30	252135.37	252393.12	256616.60	2.94	ppb
Strontium	86-1	13294.58	12607.46	12266.38	12722.80	4.12	ppb
Strontium	88-1	13270.75	12593.39	12386.17	12750.10	3.63	ppb
Sulfur	34-1	21021.56	13735.99	10607.35	15121.63	35.34	ppb
Terbium	159-1				100		%
Thallium	203-1	535.80	493.14	505.53	511.49	4.29	ppb
Thallium	205-1	510.41	479.77	488.86	493.01	3.19	ppb
Tin	118-1	488.53	480.84	484.03	484.47	0.80	ppb
Titanium	47-1	5266.83	5027.02	5008.45	5100.76	2.83	ppb
Uranium	238-1	553.33	520.64	529.76	534.58	3.16	ppb
Vanadium	51-1	523.65	503.39	489.37	505.47	3.41	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				98		%
Zinc	66-1	5351.62	5079.46	4926.88	5119.32	4.20	ppb
Zirconium	90-1	526.60	493.64	486.61	502.28	4.25	ppb
Zirconium	91-1	533.68	515.63	494.05	514.45	3.86	ppb

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 17:01:54	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.89	0.78	0.89	0.85	7.52	ppb
Antimony	121-1	0.05	0.07	0.19	0.10	74.07	ppb
Arsenic	75-1	-0.29	-0.28	-0.12	-0.23		ppb
Barium	135-1	0.10	0.02	0.02	0.05	86.63	ppb
Barium	137-1	0.03	0.05	0.09	0.05	57.29	ppb
Beryllium	9-1	0.07	0.04	0.12	0.08	52.72	ppb
Bismuth	209-1				97		%
Bromine	81-1						cps
Cadmium	106-1	0.98	-0.49	-1.37	-0.29		ppb
Cadmium	108-1	0.13	0.13	0.93	0.40	115.38	ppb
Cadmium	111-1	0.12	-0.04	-0.09	0.00		ppb
Calcium	43-1	6.04	14.12	30.53	16.90	73.87	ppb
Calcium	44-1	129.60	138.51	119.13	129.08	7.52	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	-0.07	-0.05	0.03	-0.03		ppb
Cobalt	59-1	0.05	0.05	0.00	0.03	86.89	ppb
Copper	63-1	0.73	0.56	0.50	0.60	20.09	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				97		%
Indium	115-1				95		%
Iron	54-1						ppb
Iron	56-1	-18.09	-11.88	-19.63	-16.53		ppb
Iron	57-1	-6.62	1.58	-4.06	-3.03		ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.19	0.18	0.17	12.52	ppb
Lead	207-1	0.24	0.28	0.19	0.24	19.04	ppb
Lead	208-1	0.18	0.23	0.21	0.21	13.39	ppb
Lithium	6-1				96		%
Magnesium	24-1	2.23	2.29	2.32	2.28	2.00	ppb
Manganese	55-1	0.30	0.17	0.01	0.16	88.74	ppb
Molybdenum	94-1	0.09	0.20	0.22	0.17	41.74	ppb
Molybdenum	95-1	0.12	0.19	0.27	0.19	40.27	ppb
Molybdenum	96-1	0.15	0.23	0.32	0.23	35.65	ppb

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 17:01:54	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	-0.01	0.10	-0.03	0.02	349.82	ppb
Molybdenum	98-1	0.14	0.16	0.14	0.15	9.22	ppb
Neodymium	150-1						cps
Nickel	60-1	0.13	0.01	0.04	0.06	106.92	ppb
Phosphorus	31-1	-32.44	-18.18	-24.69	-25.11		ppb
Potassium	39-1	39.17	68.74	36.38	48.10	37.29	ppb
Rhodium	103-1				94		%
Scandium	45-1				94		%
Selenium	82-1	0.86	0.67	1.56	1.03	45.07	ppb
Selenium	77-1	0.68	1.51	1.06	1.08	38.28	ppb
Selenium	78-1	28.86	-2.96	-12.61	4.43	490.20	ppb
Silicon	28-1	0.61	1.49	0.32	0.81	75.95	ppb
Silver	109-1	0.03	0.03	0.03	0.03	0.00	ppb
Silver	107-1	0.01	0.03	0.02	0.02	30.01	ppb
Sodium	23-1	110.08	111.15	102.78	108.01	4.22	ppb
Strontium	86-1	-0.05	-0.10	-0.17	-0.11		ppb
Strontium	88-1	0.23	0.23	0.14	0.20	23.99	ppb
Sulfur	34-1	-9010.85	-3917.67	-8969.45	-7299.32		ppb
Terbium	159-1				96		%
Thallium	203-1	0.05	0.04	0.05	0.05	8.76	ppb
Thallium	205-1	0.15	0.11	0.07	0.11	33.39	ppb
Tin	118-1	-0.03	0.16	0.05	0.06	159.00	ppb
Titanium	47-1	-0.26	-0.03	-0.15	-0.15		ppb
Uranium	238-1	0.01	0.00	0.00	0.00	121.98	ppb
Vanadium	51-1	0.01	0.03	0.01	0.02	57.15	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				95		%
Zinc	66-1	0.31	0.12	0.17	0.20	49.63	ppb
Zirconium	90-1	0.05	0.00	0.02	0.02	131.10	ppb
Zirconium	91-1	0.04	-0.01	0.04	0.02	109.47	ppb

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 15:44:42	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	4706	4656	4125	4495	7.16	cps
Antimony	121-1	42	42	8	31	62.99	cps
Arsenic	75-1	471	511	513	498	4.77	cps
Barium	135-1	108	50	50	69	48.50	cps
Barium	137-1	100	83	133	106	24.12	cps
Beryllium	9-1	52	64	40	52	23.08	cps
Bismuth	209-1	816890	808463	758010	794454	4.01	cps
Bromine	81-1	851	841	891	861	3.08	cps
Cadmium	106-1	250	208	233	231	9.10	cps
Cadmium	108-1	13	8	21	14	45.83	cps
Cadmium	111-1	170	157	165	164	4.24	cps
Calcium	43-1	250	220	255	242	7.83	cps
Calcium	44-1	74759	74678	74253	74563	0.36	cps
Carbon	12-1	1196658	1190915	1202604	1196726	0.49	cps
Chlorine	35-1	70221	66754	66487	67820	3.07	cps
Chromium	52-1	4545	4295	4175	4338	4.36	cps
Cobalt	59-1	290	200	360	284	28.31	cps
Copper	63-1	2497	2480	2360	2446	3.05	cps
Dysprosium	156-1	8	33	0	14	124.91	cps
Erbium	164-1	25	17	8	17	50.01	cps
Gadolinium	160-1	8	8	8	8	0.00	cps
Holmium	165-1	1176009	1178244	1103303	1152519	3.70	cps
Indium	115-1	927598	928420	875884	910634	3.31	cps
Iron	54-1						cps
Iron	56-1	653863	651088	646058	650336	0.61	cps
Iron	57-1	18371	19193	18581	18715	2.28	cps
Krypton	83-1	203	240	217	220	8.43	cps
Lead	206-1	106	117	94	106	10.52	cps
Lead	207-1	61	67	72	67	8.33	cps
Lead	208-1	344	344	378	356	5.41	cps
Lithium	6-1	410262	407651	389305	402406	2.84	cps
Magnesium	24-1	5066	5777	6148	5664	9.70	cps
Manganese	55-1	10825	10505	10324	10551	2.40	cps
Molybdenum	94-1	42	0	50	31	87.67	cps
Molybdenum	95-1	0	8	25	11	114.58	cps
Molybdenum	96-1	83	75	100	86	14.78	cps

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 15:44:42	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	25	0	8	11	114.58	cps
Molybdenum	98-1	33	33	17	28	34.63	cps
Neodymium	150-1	33	13	20	22	45.83	cps
Nickel	60-1	330	400	440	390	14.28	cps
Phosphorus	31-1	36955	35902	35621	36159	1.95	cps
Potassium	39-1	1914253	1919447	1873710	1902470	1.32	cps
Rhodium	103-1	951575	960761	911769	941368	2.77	cps
Scandium	45-1	665098	669225	630640	654988	3.23	cps
Selenium	82-1	-36	-61	-21	-40	-51.15	cps
Selenium	77-1	15	14	17	16	10.78	cps
Selenium	78-1	30956	31099	30990	31015	0.24	cps
Silicon	28-1	573171	562701	571847	569239	1.00	cps
Silver	109-1	0	8	25	11	114.58	cps
Silver	107-1	17	17	8	14	34.67	cps
Sodium	23-1	349824	354881	350403	351702	0.79	cps
Strontium	86-1	417	342	500	419	18.88	cps
Strontium	88-1	1275	1242	1167	1228	4.52	cps
Sulfur	34-1	398349	396899	395470	396906	0.36	cps
Terbium	159-1	1225525	1202674	1139118	1189106	3.77	cps
Thallium	203-1	67	125	125	106	31.90	cps
Thallium	205-1	200	158	183	181	11.62	cps
Tin	118-1	108	100	92	100	8.33	cps
Titanium	47-1	142	167	108	139	21.07	cps
Uranium	238-1	17	0	8	8	100.02	cps
Vanadium	51-1	110	160	140	137	18.42	cps
Ytterbium	172-1	17	17	33	22	43.28	cps
Ytterbium	176-1	108	75	42	75	44.44	cps
Yttrium	89-1	1711595	1653087	1573078	1645920	4.22	cps
Zinc	66-1	220	210	230	220	4.55	cps
Zirconium	90-1	67	58	75	67	12.49	cps
Zirconium	91-1	8	17	8	11	43.34	cps

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 15:50:54	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	38239	36945	37576	37587	1.72	cps
Antimony	121-1	2525	2450	2425	2467	2.11	cps
Arsenic	75-1	838	934	1030	934	10.30	cps
Barium	135-1	2434	2559	2450	2481	2.74	cps
Barium	137-1	4301	3834	4076	4070	5.74	cps
Beryllium	9-1	432	400	434	422	4.52	cps
Bismuth	209-1	801367	787660	764672	784566	2.36	cps
Bromine	81-1	571	751	641	654	13.89	cps
Cadmium	106-1	242	208	233	228	7.62	cps
Cadmium	108-1	29	25	33	29	14.28	cps
Cadmium	111-1	415	437	407	420	3.68	cps
Calcium	43-1	1726	1832	1827	1795	3.34	cps
Calcium	44-1	100941	100269	100306	100505	0.38	cps
Carbon	12-1	1295286	1304307	1294269	1297954	0.43	cps
Chlorine	35-1	73989	71636	71770	72465	1.82	cps
Chromium	52-1	8171	8161	8191	8174	0.19	cps
Cobalt	59-1	2773	2763	2573	2703	4.17	cps
Copper	63-1	5004	4811	4624	4813	3.95	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Erbium	164-1	8	8	0	6	86.60	cps
Gadolinium	160-1	0	8	8	6	86.60	cps
Holmium	165-1	1172587	1155295	1092901	1140261	3.68	cps
Indium	115-1	920484	925948	871579	906004	3.30	cps
Iron	54-1						cps
Iron	56-1	756792	752985	752317	754032	0.32	cps
Iron	57-1	22020	21428	21960	21802	1.49	cps
Krypton	83-1	210	230	183	208	11.27	cps
Lead	206-1	961	872	883	906	5.35	cps
Lead	207-1	811	789	722	774	5.98	cps
Lead	208-1	3645	3689	3484	3606	3.00	cps
Lithium	6-1	409849	407487	391022	402786	2.55	cps
Magnesium	24-1	725374	709878	713307	716187	1.14	cps
Manganese	55-1	13550	12368	13310	13076	4.78	cps
Molybdenum	94-1	2350	2225	2025	2200	7.45	cps
Molybdenum	95-1	2425	2592	2475	2498	3.42	cps
Molybdenum	96-1	3025	2800	3350	3059	9.04	cps

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 15:50:54	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	1458	1809	1850	1706	12.61	cps
Molybdenum	98-1	4443	4334	4367	4381	1.27	cps
Neodymium	150-1	7	20	27	18	57.27	cps
Nickel	60-1	881	971	931	928	4.87	cps
Phosphorus	31-1	38240	40056	40418	39571	2.95	cps
Potassium	39-1	2719623	2684222	2688774	2697540	0.71	cps
Rhodium	103-1	943237	927931	897728	922965	2.51	cps
Scandium	45-1	666718	662953	641274	656982	2.09	cps
Selenium	82-1	25	27	95	49	80.34	cps
Selenium	77-1	102	99	89	97	6.79	cps
Selenium	78-1	30932	31005	30701	30879	0.52	cps
Silicon	28-1	572055	572661	574694	573137	0.24	cps
Silver	109-1	1183	1250	1317	1250	5.33	cps
Silver	107-1	1167	1467	1133	1256	14.62	cps
Sodium	23-1	1305136	1276047	1292115	1291100	1.13	cps
Strontium	86-1	725	725	658	703	5.48	cps
Strontium	88-1	4351	4109	3926	4129	5.16	cps
Sulfur	34-1	398928	396888	398813	398210	0.29	cps
Terbium	159-1	1208729	1192490	1134494	1178571	3.31	cps
Thallium	203-1	1133	958	1167	1086	10.30	cps
Thallium	205-1	2725	2609	2425	2586	5.85	cps
Tin	118-1	4392	4309	4101	4267	3.52	cps
Titanium	47-1	875	1000	883	919	7.60	cps
Uranium	238-1	3134	2992	3009	3045	2.54	cps
Vanadium	51-1	11386	12068	11326	11593	3.55	cps
Ytterbium	172-1	8	8	25	14	69.31	cps
Ytterbium	176-1	75	92	42	69	36.66	cps
Yttrium	89-1	1643538	1618945	1584315	1615600	1.84	cps
Zinc	66-1	2022	1932	2062	2006	3.32	cps
Zirconium	90-1	1742	1742	1842	1775	3.25	cps
Zirconium	91-1	350	367	375	364	3.50	cps

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 15:54:00	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	1779152	1758280	1743601	1760345	1.01	cps
Antimony	121-1	64009	62686	62493	63063	1.31	cps
Arsenic	75-1	21950	21985	21041	21659	2.47	cps
Barium	135-1	56593	57113	56276	56661	0.75	cps
Barium	137-1	101630	100985	97190	99935	2.40	cps
Beryllium	9-1	20182	19709	19209	19700	2.47	cps
Bismuth	209-1	809836	807652	808949	808813	0.14	cps
Bromine	81-1	601	661	581	614	6.79	cps
Cadmium	106-1	1784	1725	1633	1714	4.41	cps
Cadmium	108-1	1117	1129	1221	1156	4.92	cps
Cadmium	111-1	14361	14366	14113	14280	1.02	cps
Calcium	43-1	17955	18077	18113	18048	0.46	cps
Calcium	44-1	352856	354465	351357	352892	0.44	cps
Carbon	12-1	1352129	1368503	1376035	1365556	0.90	cps
Chlorine	35-1	76887	78647	77114	77549	1.23	cps
Chromium	52-1	103496	105393	104193	104361	0.92	cps
Cobalt	59-1	112686	114592	115108	114128	1.12	cps
Copper	63-1	632374	622447	621625	625482	0.96	cps
Dysprosium	156-1	33	25	0	19	89.21	cps
Erbium	164-1	8	17	17	14	34.67	cps
Gadolinium	160-1	0	17	17	11	86.60	cps
Holmium	165-1	1171751	1174698	1180113	1175521	0.36	cps
Indium	115-1	919149	925831	924666	923215	0.39	cps
Iron	54-1						cps
Iron	56-1	6285601	6465682	6353059	6368114	1.43	cps
Iron	57-1	153442	158925	155110	155826	1.80	cps
Krypton	83-1	210	210	147	189	19.36	cps
Lead	206-1	197428	202737	202582	200916	1.50	cps
Lead	207-1	174821	176493	179116	176810	1.22	cps
Lead	208-1	803898	808204	814176	808759	0.64	cps
Lithium	6-1	410174	409568	408720	409488	0.18	cps
Magnesium	24-1	7289113	7301341	7253345	7281266	0.34	cps
Manganese	55-1	1343661	1388421	1350004	1360695	1.78	cps
Molybdenum	94-1	186640	183773	187968	186127	1.15	cps
Molybdenum	95-1	269964	267844	264714	267507	0.99	cps
Molybdenum	96-1	289318	293468	285110	289299	1.44	cps

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 15:54:00	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	166508	171316	167123	168316	1.55	cps
Molybdenum	98-1	430814	435510	428084	431469	0.87	cps
Neodymium	150-1	13	33	33	27	43.31	cps
Nickel	60-1	26381	25960	26151	26164	0.81	cps
Phosphorus	31-1	145034	143516	143477	144009	0.62	cps
Potassium	39-1	5903815	5918964	5926126	5916302	0.19	cps
Rhodium	103-1	941453	929458	933708	934873	0.65	cps
Scandium	45-1	656920	664630	665892	662480	0.73	cps
Selenium	82-1	1074	1096	1183	1118	5.17	cps
Selenium	77-1	811	888	894	864	5.38	cps
Selenium	78-1	33761	33220	33381	33454	0.83	cps
Silicon	28-1	1032098	1029199	1015790	1025696	0.85	cps
Silver	109-1	65414	67659	66461	66511	1.69	cps
Silver	107-1	69074	67993	68287	68451	0.82	cps
Sodium	23-1	9943585	9870022	9760818	9858142	0.93	cps
Strontium	86-1	388069	393336	383636	388347	1.25	cps
Strontium	88-1	3471489	3431437	3399965	3434297	1.04	cps
Sulfur	34-1	398486	398057	392840	396461	0.79	cps
Terbium	159-1	1229453	1208538	1201114	1213035	1.21	cps
Thallium	203-1	48082	50056	48332	48823	2.20	cps
Thallium	205-1	116606	121248	117016	118290	2.17	cps
Tin	118-1	40511	39608	39984	40034	1.13	cps
Titanium	47-1	79286	80602	81582	80490	1.43	cps
Uranium	238-1	155629	155465	153676	154924	0.70	cps
Vanadium	51-1	118477	117981	118669	118376	0.30	cps
Ytterbium	172-1	8	8	17	11	43.34	cps
Ytterbium	176-1	292	225	400	306	28.91	cps
Yttrium	89-1	1710439	1671574	1686300	1689438	1.16	cps
Zinc	66-1	189612	189786	191936	190445	0.68	cps
Zirconium	90-1	91239	90427	91375	91013	0.56	cps
Zirconium	91-1	21192	20900	20975	21022	0.72	cps

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 15:57:04	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	4290137	4292325	4341268	4307910	0.67	cps
Antimony	121-1	160764	158994	161690	160483	0.85	cps
Arsenic	75-1	54167	53866	53278	53770	0.84	cps
Barium	135-1	142453	141425	143450	142443	0.71	cps
Barium	137-1	250987	248024	244896	247969	1.23	cps
Beryllium	9-1	49978	49083	48485	49182	1.53	cps
Bismuth	209-1	810553	804564	815637	810252	0.68	cps
Bromine	81-1	531	651	601	594	10.16	cps
Cadmium	106-1	3667	3751	3851	3756	2.44	cps
Cadmium	108-1	2813	2563	2679	2685	4.66	cps
Cadmium	111-1	36027	36110	35405	35847	1.07	cps
Calcium	43-1	44604	44358	44254	44406	0.40	cps
Calcium	44-1	776044	767276	760236	767852	1.03	cps
Carbon	12-1	1363744	1382063	1366087	1370631	0.73	cps
Chlorine	35-1	77466	78026	77960	77817	0.39	cps
Chromium	52-1	257767	255915	253803	255828	0.78	cps
Cobalt	59-1	284603	282946	283073	283541	0.33	cps
Copper	63-1	1646544	1620632	1629315	1632164	0.81	cps
Dysprosium	156-1	8	17	42	22	78.07	cps
Erbium	164-1	17	8	0	8	100.02	cps
Gadolinium	160-1	17	8	33	19	65.47	cps
Holmium	165-1	1192925	1166386	1179520	1179611	1.12	cps
Indium	115-1	926912	913237	919648	919932	0.74	cps
Iron	54-1						cps
Iron	56-1	14783377	14716374	14500349	14666700	1.01	cps
Iron	57-1	358491	352252	351305	354016	1.10	cps
Krypton	83-1	170	167	220	186	16.10	cps
Lead	206-1	515434	510819	506090	510781	0.91	cps
Lead	207-1	440319	446817	435702	440946	1.27	cps
Lead	208-1	2061724	2040507	2033013	2045081	0.73	cps
Lithium	6-1	412864	402680	407986	407844	1.25	cps
Magnesium	24-1	18314535	18328491	17938597	18193874	1.22	cps
Manganese	55-1	3332043	3261172	3253133	3282116	1.32	cps
Molybdenum	94-1	458364	455431	454695	456163	0.43	cps
Molybdenum	95-1	663927	659125	657744	660265	0.49	cps
Molybdenum	96-1	723474	716102	704154	714576	1.36	cps

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 15:57:04	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	413594	415595	410153	413114	0.67	cps
Molybdenum	98-1	1076295	1083959	1064932	1075062	0.89	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Nickel	60-1	64431	64753	65607	64931	0.94	cps
Phosphorus	31-1	305589	300172	299743	301834	1.08	cps
Potassium	39-1	12016993	11912272	12024955	11984740	0.52	cps
Rhodium	103-1	932566	939995	940309	937623	0.47	cps
Scandium	45-1	672855	662415	661704	665658	0.94	cps
Selenium	82-1	2720	2752	2663	2712	1.66	cps
Selenium	77-1	2130	2069	2118	2106	1.52	cps
Selenium	78-1	37566	37016	37068	37216	0.82	cps
Silicon	28-1	1704831	1654062	1729107	1696000	2.26	cps
Silver	109-1	165514	164483	160581	163526	1.59	cps
Silver	107-1	172108	172143	170304	171518	0.61	cps
Sodium	23-1	24154092	24252536	24056534	24154387	0.41	cps
Strontium	86-1	968357	953864	967742	963321	0.85	cps
Strontium	88-1	8475671	8293787	8466401	8411953	1.22	cps
Sulfur	34-1	388230	383817	383730	385259	0.67	cps
Terbium	159-1	1240776	1220757	1212393	1224642	1.19	cps
Thallium	203-1	122685	126605	121271	123521	2.24	cps
Thallium	205-1	303173	295964	301608	300248	1.26	cps
Tin	118-1	104649	100779	101769	102399	1.96	cps
Titanium	47-1	203786	197812	198225	199941	1.67	cps
Uranium	238-1	395707	401209	392172	396363	1.15	cps
Vanadium	51-1	292787	288583	293604	291658	0.92	cps
Ytterbium	172-1	8	8	25	14	69.31	cps
Ytterbium	176-1	533	758	592	628	18.60	cps
Yttrium	89-1	1717501	1648054	1675015	1680190	2.08	cps
Zinc	66-1	465786	463818	462207	463937	0.39	cps
Zirconium	90-1	225249	227806	227402	226819	0.61	cps
Zirconium	91-1	49564	51069	51144	50592	1.76	cps

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:00:10	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	8271111	8458889	8558513	8429504	1.73	cps
Antimony	121-1	320847	316943	315826	317872	0.83	cps
Arsenic	75-1	103976	108137	105697	105937	1.97	cps
Barium	135-1	283249	287013	285003	285088	0.66	cps
Barium	137-1	491430	498314	494164	494636	0.70	cps
Beryllium	9-1	97240	97699	96942	97294	0.39	cps
Bismuth	209-1	799746	817734	809220	808900	1.11	cps
Bromine	81-1	741	661	621	674	9.08	cps
Cadmium	106-1	7360	7786	7135	7427	4.45	cps
Cadmium	108-1	5272	5293	5322	5296	0.47	cps
Cadmium	111-1	69119	71534	70706	70453	1.74	cps
Calcium	43-1	87615	88424	86747	87595	0.96	cps
Calcium	44-1	1486510	1489141	1471698	1482449	0.63	cps
Carbon	12-1	1353731	1366746	1393247	1371241	1.47	cps
Chlorine	35-1	79335	80490	82384	80736	1.91	cps
Chromium	52-1	491812	493134	487175	490707	0.64	cps
Cobalt	59-1	563452	565229	560867	563183	0.39	cps
Copper	63-1	3149951	3102432	3143938	3132107	0.83	cps
Dysprosium	156-1	8	8	50	22	108.27	cps
Erbium	164-1	25	8	17	17	50.01	cps
Gadolinium	160-1	25	17	33	25	33.32	cps
Holmium	165-1	1164217	1179362	1180685	1174754	0.78	cps
Indium	115-1	905677	917593	924327	915866	1.03	cps
Iron	54-1						cps
Iron	56-1	28335608	28215887	28153509	28235002	0.33	cps
Iron	57-1	691455	696450	688101	692002	0.61	cps
Krypton	83-1	163	187	177	176	6.67	cps
Lead	206-1	1013953	1017547	1020681	1017394	0.33	cps
Lead	207-1	869566	868820	889338	875908	1.33	cps
Lead	208-1	4188046	4266995	4273558	4242867	1.12	cps
Lithium	6-1	398879	398601	403266	400249	0.65	cps
Magnesium	24-1	35449917	36079064	35805420	35778134	0.88	cps
Manganese	55-1	6548285	6497521	6398566	6481457	1.17	cps
Molybdenum	94-1	915546	915254	922984	917928	0.48	cps
Molybdenum	95-1	1324022	1320227	1322060	1322103	0.14	cps
Molybdenum	96-1	1464127	1441969	1448715	1451604	0.78	cps

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:00:10	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	810931	833040	819639	821203	1.36	cps
Molybdenum	98-1	2153204	2203577	2199220	2185334	1.28	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Nickel	60-1	123001	123809	123425	123412	0.33	cps
Phosphorus	31-1	558185	557401	554983	556856	0.30	cps
Potassium	39-1	21937298	22032181	21574499	21847993	1.11	cps
Rhodium	103-1	924262	938771	944764	935932	1.13	cps
Scandium	45-1	657295	654347	655750	655798	0.22	cps
Selenium	82-1	5471	5430	5420	5441	0.49	cps
Selenium	77-1	4259	4230	4187	4225	0.87	cps
Selenium	78-1	43686	43842	43457	43661	0.44	cps
Silicon	28-1	2707117	2742597	2733350	2727688	0.67	cps
Silver	109-1	323221	328286	330135	327214	1.09	cps
Silver	107-1	331826	342242	341438	338502	1.71	cps
Sodium	23-1	46952995	47956748	47514233	47474658	1.06	cps
Strontium	86-1	1942445	1974070	1998533	1971683	1.43	cps
Strontium	88-1	16668974	16483902	16978014	16710297	1.49	cps
Sulfur	34-1	388571	386766	376942	384093	1.63	cps
Terbium	159-1	1193050	1227918	1224451	1215139	1.58	cps
Thallium	203-1	240271	248712	246918	245300	1.81	cps
Thallium	205-1	586754	601768	589425	592649	1.35	cps
Tin	118-1	198221	203674	201585	201160	1.37	cps
Titanium	47-1	399264	402631	393109	398334	1.21	cps
Uranium	238-1	794191	799650	811504	801782	1.10	cps
Vanadium	51-1	568946	571568	564807	568440	0.60	cps
Ytterbium	172-1	25	0	25	17	86.60	cps
Ytterbium	176-1	1083	933	992	1003	7.54	cps
Yttrium	89-1	1650603	1656477	1698204	1668428	1.56	cps
Zinc	66-1	917439	918817	921599	919285	0.23	cps
Zirconium	90-1	453402	450333	458475	454070	0.91	cps
Zirconium	91-1	99581	102728	103147	101819	1.91	cps

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:03:13	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	16673086	16757249	16549183	16659839	0.63	cps
Antimony	121-1	631911	632447	618663	627674	1.24	cps
Arsenic	75-1	209008	210564	209436	209669	0.38	cps
Barium	135-1	563689	572725	562543	566319	0.98	cps
Barium	137-1	1001473	1019096	1019625	1013398	1.02	cps
Beryllium	9-1	189813	193599	190368	191260	1.07	cps
Bismuth	209-1	804198	794356	798374	798976	0.62	cps
Bromine	81-1	571	551	511	544	5.62	cps
Cadmium	106-1	14325	14616	14441	14461	1.02	cps
Cadmium	108-1	10492	10387	10437	10439	0.50	cps
Cadmium	111-1	142072	139938	138021	140010	1.45	cps
Calcium	43-1	172184	171736	173146	172355	0.42	cps
Calcium	44-1	2783426	2835393	2819866	2812895	0.95	cps
Carbon	12-1	1320446	1349989	1381656	1350697	2.27	cps
Chlorine	35-1	84747	84010	85184	84647	0.70	cps
Chromium	52-1	971458	966431	974831	970907	0.44	cps
Cobalt	59-1	1091903	1097172	1086792	1091955	0.48	cps
Copper	63-1	6167280	6206868	6090931	6155026	0.96	cps
Dysprosium	156-1	33	25	58	39	44.61	cps
Erbium	164-1	42	42	42	42	0.00	cps
Gadolinium	160-1	75	25	8	36	96.08	cps
Holmium	165-1	1177176	1177487	1184919	1179861	0.37	cps
Indium	115-1	908740	891513	897218	899157	0.98	cps
Iron	54-1						cps
Iron	56-1	54914809	54677309	54742417	54778178	0.22	cps
Iron	57-1	1350564	1299370	1370655	1340196	2.74	cps
Krypton	83-1	177	180	140	166	13.41	cps
Lead	206-1	2197127	2226136	2184107	2202457	0.98	cps
Lead	207-1	1890848	1896281	1917025	1901385	0.73	cps
Lead	208-1	8717514	8768747	8742850	8743037	0.29	cps
Lithium	6-1	394542	391024	387225	390930	0.94	cps
Magnesium	24-1	70602540	70267673	69438816	70103010	0.85	cps
Manganese	55-1	12741160	12834787	12716674	12764207	0.49	cps
Molybdenum	94-1	1827659	1811689	1841803	1827050	0.82	cps
Molybdenum	95-1	2675665	2634744	2678404	2662938	0.92	cps
Molybdenum	96-1	2855618	2916758	2879335	2883904	1.07	cps

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:03:13	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	1631222	1636697	1660650	1642856	0.95	cps
Molybdenum	98-1	4270850	4240490	4355709	4289016	1.39	cps
Neodymium	150-1	27	53	47	42	32.86	cps
Nickel	60-1	242734	241838	243119	242564	0.27	cps
Phosphorus	31-1	1062319	1069994	1063431	1065248	0.39	cps
Potassium	39-1	41406558	41547505	40931246	41295103	0.78	cps
Rhodium	103-1	916161	883404	909152	902905	1.91	cps
Scandium	45-1	648522	625988	629636	634716	1.91	cps
Selenium	82-1	10614	10533	10916	10688	1.89	cps
Selenium	77-1	8127	8485	8179	8264	2.34	cps
Selenium	78-1	56411	56236	56370	56339	0.16	cps
Silicon	28-1	4695221	4759341	4643233	4699265	1.24	cps
Silver	109-1	636405	637854	643089	639116	0.55	cps
Silver	107-1	667016	670065	662779	666620	0.55	cps
Sodium	23-1	93112542	93393345	92166598	92890828	0.69	cps
Strontium	86-1	3872579	3961196	3921566	3918447	1.13	cps
Strontium	88-1	32921951	33481917	32899533	33101134	1.00	cps
Sulfur	34-1	394529	390744	388883	391386	0.74	cps
Terbium	159-1	1217697	1198166	1217048	1210970	0.92	cps
Thallium	203-1	495759	503695	484808	494754	1.92	cps
Thallium	205-1	1200261	1207595	1185600	1197819	0.93	cps
Tin	118-1	400326	407087	406265	404559	0.91	cps
Titanium	47-1	788420	788718	775049	784062	1.00	cps
Uranium	238-1	1681878	1733293	1675770	1696980	1.86	cps
Vanadium	51-1	1131728	1127477	1119226	1126143	0.56	cps
Ytterbium	172-1	8	0	0	3	173.21	cps
Ytterbium	176-1	2384	2242	2084	2236	6.71	cps
Yttrium	89-1	1637277	1636190	1651195	1641554	0.51	cps
Zinc	66-1	1905800	1870735	1905387	1893974	1.06	cps
Zirconium	90-1	895734	893191	882515	890480	0.79	cps
Zirconium	91-1	198921	196412	200531	198621	1.04	cps

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:06:19	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	34393253	33773061	33687875	33951396	1.13	cps
Antimony	121-1	1285127	1272167	1276945	1278080	0.51	cps
Arsenic	75-1	424041	421529	419919	421830	0.49	cps
Barium	135-1	1154904	1151795	1135960	1147553	0.89	cps
Barium	137-1	2049059	2061105	2038245	2049470	0.56	cps
Beryllium	9-1	384433	382921	376584	381313	1.09	cps
Bismuth	209-1	823746	831077	818839	824554	0.75	cps
Bromine	81-1	771	581	531	627	20.21	cps
Cadmium	106-1	28672	28630	28179	28494	0.96	cps
Cadmium	108-1	21242	21175	20457	20958	2.08	cps
Cadmium	111-1	279704	280362	277583	279216	0.52	cps
Calcium	43-1	345737	344613	347308	345886	0.39	cps
Calcium	44-1	5516436	5535785	5555570	5535930	0.35	cps
Carbon	12-1	1443924	1491729	1510584	1482079	2.32	cps
Chlorine	35-1	108278	108169	107144	107864	0.58	cps
Chromium	52-1	1995570	2024860	1970155	1996862	1.37	cps
Cobalt	59-1	2265901	2289371	2269416	2274896	0.56	cps
Copper	63-1	12369420	12452296	12288583	12370100	0.66	cps
Dysprosium	156-1	83	100	83	89	10.82	cps
Erbium	164-1	8	25	42	25	66.68	cps
Gadolinium	160-1	17	83	83	61	62.98	cps
Holmium	165-1	1200579	1190670	1191861	1194370	0.45	cps
Indium	115-1	910677	916220	891943	906280	1.40	cps
Iron	54-1						cps
Iron	56-1	108781670	110399651	108543187	109241503	0.92	cps
Iron	57-1	2654735	2678455	2671372	2668188	0.46	cps
Krypton	83-1	153	180	173	169	8.22	cps
Lead	206-1	4466231	4462912	4502198	4477114	0.49	cps
Lead	207-1	3815569	3876616	3897698	3863295	1.10	cps
Lead	208-1	17654717	17749890	17950770	17785126	0.85	cps
Lithium	6-1	393083	393880	391000	392655	0.38	cps
Magnesium	24-1	140380305	138875190	139050896	139435464	0.59	cps
Manganese	55-1	25537311	25701533	25347408	25528751	0.69	cps
Molybdenum	94-1	3695139	3694358	3619231	3669576	1.19	cps
Molybdenum	95-1	5409732	5374095	5316387	5366738	0.88	cps
Molybdenum	96-1	5820539	5751558	5689835	5753977	1.14	cps

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:06:19	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	3253696	3280314	3250159	3261389	0.51	cps
Molybdenum	98-1	8340046	8565433	8374354	8426611	1.44	cps
Neodymium	150-1	113	67	127	102	30.82	cps
Nickel	60-1	483662	483498	481113	482758	0.30	cps
Phosphorus	31-1	2054166	2080105	2057715	2063996	0.68	cps
Potassium	39-1	81004404	82454950	81420528	81626627	0.92	cps
Rhodium	103-1	911005	916290	902032	909776	0.79	cps
Scandium	45-1	645170	648719	643907	645932	0.39	cps
Selenium	82-1	21866	21640	21438	21648	0.99	cps
Selenium	77-1	16579	16657	16705	16647	0.38	cps
Selenium	78-1	83384	82941	82782	83036	0.38	cps
Silicon	28-1	8751087	8680347	8569092	8666842	1.06	cps
Silver	109-1	1306175	1289898	1272363	1289479	1.31	cps
Silver	107-1	1331569	1327266	1333149	1330661	0.23	cps
Sodium	23-1	186830874	186321870	184363452	185838732	0.70	cps
Strontium	86-1	7907983	7735476	7912334	7851931	1.28	cps
Strontium	88-1	67283393	67141791	67395268	67273484	0.19	cps
Sulfur	34-1	448220	447639	445463	447108	0.33	cps
Terbium	159-1	1247724	1252701	1244002	1248142	0.35	cps
Thallium	203-1	1011374	1003424	999965	1004921	0.58	cps
Thallium	205-1	2577765	2512164	2590276	2560068	1.64	cps
Tin	118-1	811479	807312	815547	811446	0.51	cps
Titanium	47-1	1564582	1557297	1569607	1563828	0.40	cps
Uranium	238-1	3512386	3447229	3443375	3467663	1.12	cps
Vanadium	51-1	2302096	2303251	2290314	2298553	0.31	cps
Ytterbium	172-1	42	50	42	44	10.82	cps
Ytterbium	176-1	4693	4192	4459	4448	5.63	cps
Yttrium	89-1	1689992	1679977	1679412	1683127	0.35	cps
Zinc	66-1	3736942	3736467	3770940	3748116	0.53	cps
Zirconium	90-1	1826442	1823788	1855703	1835311	0.96	cps
Zirconium	91-1	398886	410538	405097	404840	1.44	cps

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:09:23	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	151202377	151897888	152321441	151807235	0.37	cps
Antimony	121-1	1842	1375	1467	1561	15.84	cps
Arsenic	75-1	1086	711	758	852	24.02	cps
Barium	135-1	1542	775	700	1006	46.32	cps
Barium	137-1	2417	1525	1133	1692	38.88	cps
Beryllium	9-1	376	168	112	219	63.61	cps
Bismuth	209-1	773065	784872	744227	767388	2.72	cps
Bromine	81-1	1572	1502	1552	1542	2.34	cps
Cadmium	106-1	317	358	267	314	14.62	cps
Cadmium	108-1	79	50	58	63	24.04	cps
Cadmium	111-1	587	483	329	466	27.82	cps
Calcium	43-1	1543862	1539487	1512264	1531871	1.12	cps
Calcium	44-1	24232267	24877292	24264180	24457913	1.49	cps
Carbon	12-1	1404147	1477096	1501092	1460778	3.46	cps
Chlorine	35-1	109773	111888	113535	111732	1.69	cps
Chromium	52-1	15895	15204	15464	15521	2.25	cps
Cobalt	59-1	7610	6178	6368	6719	11.58	cps
Copper	63-1	17631	10971	9890	12831	32.67	cps
Dysprosium	156-1	267	242	192	233	16.37	cps
Erbium	164-1	58	75	33	56	37.75	cps
Gadolinium	160-1	217	225	200	214	5.95	cps
Holmium	165-1	1150548	1150812	1127332	1142897	1.18	cps
Indium	115-1	877332	881775	838701	865936	2.74	cps
Iron	54-1						cps
Iron	56-1	519935998	515785287	521491994	519071093	0.57	cps
Iron	57-1	12201606	12216105	12280970	12232893	0.35	cps
Krypton	83-1	150	173	130	151	14.35	cps
Lead	206-1	5240	3334	2561	3712	37.15	cps
Lead	207-1	4145	2678	2245	3023	32.95	cps
Lead	208-1	21559	12247	10218	14675	41.21	cps
Lithium	6-1	382666	379906	360479	374350	3.23	cps
Magnesium	24-1	663709967	671728945	651365883	662268265	1.55	cps
Manganese	55-1	49522	33003	31688	38071	26.11	cps
Molybdenum	94-1	3459	1100	867	1809	79.29	cps
Molybdenum	95-1	4009	1634	817	2153	77.02	cps
Molybdenum	96-1	4901	1792	1050	2581	79.16	cps

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:09:23	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	2600	692	600	1297	87.05	cps
Molybdenum	98-1	7978	2334	1442	3918	90.47	cps
Neodymium	150-1	40	73	27	47	51.50	cps
Nickel	60-1	3284	2923	2863	3023	7.52	cps
Phosphorus	31-1	36513	37076	34677	36089	3.48	cps
Potassium	39-1	374578065	372026734	383249916	376618238	1.56	cps
Rhodium	103-1	868953	866197	826885	854012	2.76	cps
Scandium	45-1	620052	634617	598455	617708	2.95	cps
Selenium	82-1	143	110	175	143	22.67	cps
Selenium	77-1	131	127	113	124	7.35	cps
Selenium	78-1	29742	29595	29327	29555	0.71	cps
Silicon	28-1	925514	1002233	1002850	976866	4.55	cps
Silver	109-1	875	317	250	481	71.42	cps
Silver	107-1	950	275	100	442	101.63	cps
Sodium	23-1	847036987	880984013	864807377	864276126	1.96	cps
Strontium	86-1	6410	1875	1092	3126	91.86	cps
Strontium	88-1	54773	15592	7344	25903	97.83	cps
Sulfur	34-1	363773	358115	365060	362316	1.02	cps
Terbium	159-1	1203444	1222712	1139000	1188386	3.69	cps
Thallium	203-1	1042	592	475	703	42.58	cps
Thallium	205-1	2534	1192	1217	1647	46.60	cps
Tin	118-1	1350	833	708	964	35.29	cps
Titanium	47-1	1400	492	258	717	84.17	cps
Uranium	238-1	2525	708	542	1258	87.43	cps
Vanadium	51-1	2563	1031	701	1432	69.40	cps
Ytterbium	172-1	8	50	33	31	68.64	cps
Ytterbium	176-1	125	117	125	122	3.93	cps
Yttrium	89-1	1656890	1641780	1552781	1617150	3.48	cps
Zinc	66-1	8882	7079	6799	7587	14.90	cps
Zirconium	90-1	2025	758	792	1192	60.58	cps
Zirconium	91-1	375	233	183	264	37.68	cps

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:16:58	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	771594	779573	783055	778074	0.76	cps
Antimony	121-1	239013	243684	240524	241074	0.99	cps
Arsenic	75-1	83105	83665	82654	83141	0.61	cps
Barium	135-1	21910	21918	21543	21790	0.98	cps
Barium	137-1	37829	37361	37377	37522	0.71	cps
Beryllium	9-1	37604	38174	37330	37702	1.14	cps
Bismuth	209-1	806002	795482	780810	794098	1.59	cps
Bromine	81-1	681	681	541	634	12.76	cps
Cadmium	106-1	2742	2834	2825	2800	1.81	cps
Cadmium	108-1	2188	2500	2292	2327	6.84	cps
Cadmium	111-1	26997	27815	27859	27557	1.76	cps
Calcium	43-1	6228	6117	6049	6131	1.47	cps
Calcium	44-1	175361	173773	174706	174613	0.46	cps
Carbon	12-1	1350681	1368112	1374376	1364390	0.90	cps
Chlorine	35-1	79384	79720	79334	79479	0.26	cps
Chromium	52-1	194127	191968	190148	192081	1.04	cps
Cobalt	59-1	214175	215931	215291	215132	0.41	cps
Copper	63-1	119734	121279	120177	120397	0.66	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Erbium	164-1	25	25	0	17	86.60	cps
Gadolinium	160-1	8	0	0	3	173.21	cps
Holmium	165-1	1166079	1141685	1132607	1146790	1.51	cps
Indium	115-1	897205	900974	889085	895755	0.68	cps
Iron	54-1						cps
Iron	56-1	4934445	4882198	4778903	4865182	1.63	cps
Iron	57-1	117568	118529	115884	117327	1.14	cps
Krypton	83-1	160	160	180	167	6.93	cps
Lead	206-1	170154	178117	169827	172699	2.72	cps
Lead	207-1	141876	145442	143166	143495	1.26	cps
Lead	208-1	669385	681730	671015	674044	0.99	cps
Lithium	6-1	395263	396287	393515	395022	0.35	cps
Magnesium	24-1	1556466	1580157	1537899	1558174	1.36	cps
Manganese	55-1	260860	256313	253119	256764	1.52	cps
Molybdenum	94-1	1556855	1535961	1528182	1540333	0.96	cps
Molybdenum	95-1	2685493	2706904	2672250	2688215	0.65	cps
Molybdenum	96-1	2842350	2838397	2883887	2854878	0.88	cps

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:16:58	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	1681932	1705234	1659567	1682244	1.36	cps
Molybdenum	98-1	4362857	4354524	4349683	4355688	0.15	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Nickel	60-1	48673	48904	48231	48603	0.70	cps
Phosphorus	31-1	34727	33995	33142	33954	2.34	cps
Potassium	39-1	4915353	4930437	4824051	4889947	1.18	cps
Rhodium	103-1	918278	922327	888447	909684	2.03	cps
Scandium	45-1	639272	632692	630348	634104	0.73	cps
Selenium	82-1	4349	4240	4141	4244	2.45	cps
Selenium	77-1	3266	3307	3218	3264	1.36	cps
Selenium	78-1	39779	40056	39628	39821	0.54	cps
Silicon	28-1	552381	550818	546197	549799	0.58	cps
Silver	109-1	61798	62509	60626	61644	1.54	cps
Silver	107-1	62601	64200	63790	63530	1.31	cps
Sodium	23-1	4005218	3983248	3975088	3987851	0.39	cps
Strontium	86-1	550	492	458	500	9.28	cps
Strontium	88-1	3184	2709	2817	2903	8.58	cps
Sulfur	34-1	374836	367280	356632	366249	2.50	cps
Terbium	159-1	1209262	1192740	1171751	1191251	1.58	cps
Thallium	203-1	200314	198004	194362	197560	1.52	cps
Thallium	205-1	482584	482577	467333	477498	1.84	cps
Tin	118-1	158	142	208	169	20.48	cps
Titanium	47-1	242	158	200	200	20.83	cps
Uranium	238-1	17	17	67	33	86.59	cps
Vanadium	51-1	215248	213089	214561	214299	0.51	cps
Ytterbium	172-1	0	8	0	3	173.21	cps
Ytterbium	176-1	50	100	133	94	44.41	cps
Yttrium	89-1	1618869	1650698	1628202	1632590	1.00	cps
Zinc	66-1	68011	68423	68494	68309	0.38	cps
Zirconium	90-1	108	117	108	111	4.33	cps
Zirconium	91-1	67	58	83	69	18.34	cps

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:21:07	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	5116	4796	5076	4996	3.49	cps
Antimony	121-1	108	67	83	86	24.35	cps
Arsenic	75-1	365	362	471	400	15.59	cps
Barium	135-1	58	100	142	100	41.67	cps
Barium	137-1	50	92	150	97	51.67	cps
Beryllium	9-1	70	64	76	70	8.57	cps
Bismuth	209-1	791294	780618	791382	787765	0.79	cps
Bromine	81-1	641	571	521	577	10.45	cps
Cadmium	106-1	225	175	200	200	12.50	cps
Cadmium	108-1	17	21	25	21	19.99	cps
Cadmium	111-1	183	116	143	148	22.86	cps
Calcium	43-1	235	232	270	246	8.53	cps
Calcium	44-1	78808	78229	77892	78309	0.59	cps
Carbon	12-1	1200294	1204931	1210739	1205321	0.43	cps
Chlorine	35-1	72155	73060	71050	72088	1.40	cps
Chromium	52-1	4395	3554	3875	3941	10.77	cps
Cobalt	59-1	320	290	280	297	7.02	cps
Copper	63-1	3037	3030	3054	3040	0.40	cps
Dysprosium	156-1	0	8	25	11	114.58	cps
Erbium	164-1	8	0	17	8	100.02	cps
Gadolinium	160-1	17	17	8	14	34.67	cps
Holmium	165-1	1144208	1097225	1122261	1121231	2.10	cps
Indium	115-1	889658	879840	875454	881650	0.82	cps
Iron	54-1						cps
Iron	56-1	538888	537853	540071	538937	0.21	cps
Iron	57-1	17278	17749	18832	17953	4.44	cps
Krypton	83-1	147	150	147	148	1.30	cps
Lead	206-1	206	194	133	178	21.87	cps
Lead	207-1	156	139	211	169	22.44	cps
Lead	208-1	778	644	667	696	10.26	cps
Lithium	6-1	385993	387041	386984	386673	0.15	cps
Magnesium	24-1	7089	6548	6518	6719	4.78	cps
Manganese	55-1	10505	9894	10124	10174	3.03	cps
Molybdenum	94-1	75	75	83	78	6.19	cps
Molybdenum	95-1	75	100	150	108	35.25	cps
Molybdenum	96-1	250	208	208	222	10.83	cps

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:21:07	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	50	50	58	53	9.11	cps
Molybdenum	98-1	167	125	167	153	15.75	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Nickel	60-1	380	380	491	417	15.24	cps
Phosphorus	31-1	34948	33974	34958	34627	1.63	cps
Potassium	39-1	1859269	1874563	1870261	1868031	0.42	cps
Rhodium	103-1	893272	885102	901049	893141	0.89	cps
Scandium	45-1	618223	616532	610487	615081	0.66	cps
Selenium	82-1	-3	-11	5	-3	-276.82	cps
Selenium	77-1	17	13	8	13	34.52	cps
Selenium	78-1	29312	29413	29264	29330	0.26	cps
Silicon	28-1	539522	535861	541430	538938	0.53	cps
Silver	109-1	50	42	67	53	24.12	cps
Silver	107-1	75	42	58	58	28.57	cps
Sodium	23-1	489345	480407	479490	483081	1.13	cps
Strontium	86-1	342	392	275	336	17.41	cps
Strontium	88-1	1233	1233	1283	1250	2.31	cps
Sulfur	34-1	365567	361922	368642	365377	0.92	cps
Terbium	159-1	1168671	1150368	1168205	1162415	0.90	cps
Thallium	203-1	75	133	100	103	28.48	cps
Thallium	205-1	342	267	242	283	18.37	cps
Tin	118-1	167	67	125	119	42.05	cps
Titanium	47-1	100	92	117	103	12.38	cps
Uranium	238-1	8	0	8	6	86.60	cps
Vanadium	51-1	130	220	130	160	32.48	cps
Ytterbium	172-1	0	8	0	3	173.21	cps
Ytterbium	176-1	50	75	125	83	45.83	cps
Yttrium	89-1	1635230	1588306	1591882	1605139	1.63	cps
Zinc	66-1	410	240	280	310	28.67	cps
Zirconium	90-1	92	67	100	86	20.14	cps
Zirconium	91-1	8	33	17	19	65.47	cps

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:24:01	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	148607788	148307612	151387217	149434206	1.14	cps
Antimony	121-1	1550	1292	1517	1453	9.67	cps
Arsenic	75-1	567	665	931	721	26.12	cps
Barium	135-1	383	433	317	378	15.49	cps
Barium	137-1	650	608	567	608	6.85	cps
Beryllium	9-1	220	170	142	177	22.28	cps
Bismuth	209-1	794183	794409	797058	795217	0.20	cps
Bromine	81-1	841	891	811	848	4.77	cps
Cadmium	106-1	258	325	325	303	12.71	cps
Cadmium	108-1	229	263	250	247	6.81	cps
Cadmium	111-1	312	377	353	347	9.45	cps
Calcium	43-1	289469	290226	291889	290528	0.43	cps
Calcium	44-1	4791762	4870735	4918541	4860346	1.32	cps
Carbon	12-1	4179230	4316276	4419492	4304999	2.80	cps
Chlorine	35-1	2872472	4036417	4998234	3969041	26.82	cps
Chromium	52-1	39986	42406	41764	41385	3.03	cps
Cobalt	59-1	2543	2883	2803	2743	6.49	cps
Copper	63-1	12739	12979	13106	12942	1.44	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Erbium	164-1	8	8	25	14	69.31	cps
Gadolinium	160-1	25	25	17	22	21.64	cps
Holmium	165-1	1180846	1174079	1168312	1174412	0.53	cps
Indium	115-1	881663	886692	884306	884220	0.28	cps
Iron	54-1						cps
Iron	56-1	203901950	207691965	205971950	205855288	0.92	cps
Iron	57-1	4911090	4928485	4942317	4927297	0.32	cps
Krypton	83-1	150	127	177	151	16.56	cps
Lead	206-1	4562	4395	4618	4525	2.56	cps
Lead	207-1	3262	3751	3612	3541	7.12	cps
Lead	208-1	16065	17216	17622	16968	4.76	cps
Lithium	6-1	387426	386637	391508	388523	0.67	cps
Magnesium	24-1	125098346	125403960	124247040	124916449	0.48	cps
Manganese	55-1	29350	28377	28367	28698	1.97	cps
Molybdenum	94-1	545362	555338	558548	553082	1.24	cps
Molybdenum	95-1	953502	988777	973177	971819	1.82	cps
Molybdenum	96-1	1006874	1039300	1026339	1024171	1.59	cps

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:24:01	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	593734	610197	606787	603573	1.44	cps
Molybdenum	98-1	1582253	1592200	1575910	1583454	0.52	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Nickel	60-1	3244	3364	3244	3284	2.11	cps
Phosphorus	31-1	9437695	9409783	9537347	9461608	0.71	cps
Potassium	39-1	146427157	147620025	150282167	148109783	1.33	cps
Rhodium	103-1	877738	889154	891552	886148	0.83	cps
Scandium	45-1	630958	627567	623801	627442	0.57	cps
Selenium	82-1	9	27	-23	4	591.57	cps
Selenium	77-1	235	288	360	294	21.25	cps
Selenium	78-1	29185	29374	29439	29333	0.45	cps
Silicon	28-1	588627	581706	580755	583696	0.74	cps
Silver	109-1	42	100	67	69	42.14	cps
Silver	107-1	58	50	75	61	20.83	cps
Sodium	23-1	171841100	174104238	175642366	173862568	1.10	cps
Strontium	86-1	10045	10679	10387	10371	3.06	cps
Strontium	88-1	87969	85747	87549	87088	1.36	cps
Sulfur	34-1	840283	830031	819530	829948	1.25	cps
Terbium	159-1	1184134	1189891	1214853	1196293	1.36	cps
Thallium	203-1	233	358	283	292	21.57	cps
Thallium	205-1	667	725	650	681	5.79	cps
Tin	118-1	192	217	250	219	13.34	cps
Titanium	47-1	296380	298895	298697	297991	0.47	cps
Uranium	238-1	83	83	67	78	12.37	cps
Vanadium	51-1	651	721	881	751	15.72	cps
Ytterbium	172-1	8	8	0	6	86.60	cps
Ytterbium	176-1	83	100	75	86	14.78	cps
Yttrium	89-1	1656219	1590944	1624236	1623799	2.01	cps
Zinc	66-1	4155	4375	4265	4265	2.58	cps
Zirconium	90-1	75	75	83	78	6.19	cps
Zirconium	91-1	33	8	33	25	57.74	cps

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:26:58	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	149136701	151629419	152125185	150963768	1.06	cps
Antimony	121-1	25850	26192	25558	25867	1.23	cps
Arsenic	75-1	8835	8961	9189	8995	2.00	cps
Barium	135-1	4559	4584	4317	4487	3.28	cps
Barium	137-1	7686	8253	7919	7953	3.58	cps
Beryllium	9-1	7382	7733	7765	7626	2.78	cps
Bismuth	209-1	786940	781730	782756	783808	0.35	cps
Bromine	81-1	821	911	831	854	5.78	cps
Cadmium	106-1	642	708	767	706	8.87	cps
Cadmium	108-1	558	650	583	597	7.93	cps
Cadmium	111-1	5564	5546	5475	5528	0.85	cps
Calcium	43-1	291363	290758	293232	291784	0.44	cps
Calcium	44-1	4817019	4921968	4890379	4876456	1.10	cps
Carbon	12-1	4383490	4493465	4540619	4472525	1.80	cps
Chlorine	35-1	4656190	5582221	6171787	5470066	13.97	cps
Chromium	52-1	76461	78484	79702	78216	2.09	cps
Cobalt	59-1	43069	46814	44937	44940	4.17	cps
Copper	63-1	35354	36280	36126	35920	1.38	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Erbium	164-1	8	0	17	8	100.02	cps
Gadolinium	160-1	8	0	33	14	124.91	cps
Holmium	165-1	1165073	1147844	1162587	1158501	0.80	cps
Indium	115-1	878691	877058	879733	878494	0.15	cps
Iron	54-1						cps
Iron	56-1	202726640	203711629	208537015	204991761	1.52	cps
Iron	57-1	4955026	5015129	4940148	4970101	0.80	cps
Krypton	83-1	160	167	133	153	11.50	cps
Lead	206-1	23444	22765	23099	23102	1.47	cps
Lead	207-1	19042	19337	19554	19311	1.33	cps
Lead	208-1	89070	88975	90017	89354	0.64	cps
Lithium	6-1	386970	391783	392093	390282	0.74	cps
Magnesium	24-1	125389430	125695248	125553026	125545901	0.12	cps
Manganese	55-1	75203	76058	76813	76025	1.06	cps
Molybdenum	94-1	562011	551263	552061	555112	1.08	cps
Molybdenum	95-1	974339	967297	977351	972996	0.53	cps
Molybdenum	96-1	1028072	1020653	1026250	1024992	0.38	cps

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:26:58	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	605735	604933	600395	603688	0.48	cps
Molybdenum	98-1	1616407	1596793	1591052	1601417	0.83	cps
Neodymium	150-1	33	7	7	16	98.94	cps
Nickel	60-1	12859	12498	12819	12725	1.55	cps
Phosphorus	31-1	9467041	9506775	9562731	9512182	0.51	cps
Potassium	39-1	150581156	148939334	150030205	149850232	0.56	cps
Rhodium	103-1	881148	869814	881823	877595	0.77	cps
Scandium	45-1	621545	632042	622111	625233	0.94	cps
Selenium	82-1	400	367	353	373	6.49	cps
Selenium	77-1	652	710	710	691	4.85	cps
Selenium	78-1	30521	30286	30743	30517	0.75	cps
Silicon	28-1	588333	592016	594703	591684	0.54	cps
Silver	109-1	23070	23487	24130	23562	2.27	cps
Silver	107-1	25416	23963	24414	24598	3.02	cps
Sodium	23-1	172788903	174749368	172738137	173425469	0.66	cps
Strontium	86-1	10521	10221	10529	10424	1.69	cps
Strontium	88-1	87759	87718	89294	88257	1.02	cps
Sulfur	34-1	818812	816202	817927	817647	0.16	cps
Terbium	159-1	1210184	1192577	1190955	1197905	0.89	cps
Thallium	203-1	20308	19866	20992	20389	2.78	cps
Thallium	205-1	49277	49361	48626	49088	0.82	cps
Tin	118-1	275	242	300	272	10.75	cps
Titanium	47-1	292262	297052	301160	296825	1.50	cps
Uranium	238-1	50	92	100	81	33.25	cps
Vanadium	51-1	42858	42788	43731	43125	1.22	cps
Ytterbium	172-1	8	17	8	11	43.34	cps
Ytterbium	176-1	67	33	142	81	68.88	cps
Yttrium	89-1	1652797	1603549	1642066	1632804	1.59	cps
Zinc	66-1	11797	12218	12038	12017	1.76	cps
Zirconium	90-1	108	50	167	108	53.85	cps
Zirconium	91-1	25	8	42	25	66.68	cps

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:29:52	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	78635395	79639246	80383536	79552726	1.10	cps
Antimony	121-1	624669	617001	619994	620555	0.62	cps
Arsenic	75-1	209134	212552	213045	211577	1.01	cps
Barium	135-1	568474	566190	560241	564968	0.75	cps
Barium	137-1	989437	1003333	993743	995505	0.71	cps
Beryllium	9-1	191872	192450	190944	191755	0.40	cps
Bismuth	209-1	818476	795078	800028	804527	1.53	cps
Bromine	81-1	741	1041	841	874	17.49	cps
Cadmium	106-1	14391	14667	14475	14511	0.97	cps
Cadmium	108-1	10504	10341	10400	10415	0.79	cps
Cadmium	111-1	139715	138873	140044	139544	0.43	cps
Calcium	43-1	773575	787511	779223	780103	0.90	cps
Calcium	44-1	12832946	13115598	12860629	12936391	1.20	cps
Carbon	12-1	1427127	1459403	1477283	1454604	1.75	cps
Chlorine	35-1	1823457	1568213	1387424	1593031	13.75	cps
Chromium	52-1	964391	960818	972063	965757	0.59	cps
Cobalt	59-1	1087709	1078939	1063466	1076705	1.14	cps
Copper	63-1	6033682	5976965	6210208	6073619	2.00	cps
Dysprosium	156-1	200	167	175	181	9.61	cps
Erbium	164-1	58	17	58	44	54.12	cps
Gadolinium	160-1	192	150	200	181	14.84	cps
Holmium	165-1	1200761	1185226	1186523	1190837	0.72	cps
Indium	115-1	916073	891723	895575	901124	1.45	cps
Iron	54-1						cps
Iron	56-1	265529320	269681382	266553354	267254685	0.81	cps
Iron	57-1	6347994	6487172	6408627	6414598	1.09	cps
Krypton	83-1	157	167	170	164	4.22	cps
Lead	206-1	2270891	2199508	2251251	2240550	1.65	cps
Lead	207-1	1957372	1897390	1921801	1925521	1.57	cps
Lead	208-1	9012550	8781960	8992329	8928946	1.43	cps
Lithium	6-1	386537	384434	383803	384924	0.37	cps
Magnesium	24-1	340143522	344443261	343476715	342687832	0.66	cps
Manganese	55-1	12698619	12675312	12719477	12697803	0.17	cps
Molybdenum	94-1	1834029	1855557	1860696	1850094	0.76	cps
Molybdenum	95-1	2686878	2651532	2675971	2671460	0.68	cps
Molybdenum	96-1	2960304	2814793	2926526	2900541	2.63	cps

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:29:52	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	1683834	1630816	1704267	1672972	2.27	cps
Molybdenum	98-1	4472456	4178194	4346093	4332247	3.41	cps
Neodymium	150-1	53	40	53	49	15.74	cps
Nickel	60-1	242641	240962	241230	241611	0.37	cps
Phosphorus	31-1	1058916	1061282	1067058	1062419	0.39	cps
Potassium	39-1	194601470	198407335	192306870	195105225	1.58	cps
Rhodium	103-1	921193	898730	893793	904572	1.61	cps
Scandium	45-1	644651	639482	636021	640051	0.68	cps
Selenium	82-1	10601	10689	10708	10666	0.54	cps
Selenium	77-1	8412	8449	8557	8473	0.89	cps
Selenium	78-1	56497	56766	56475	56579	0.29	cps
Silicon	28-1	4784316	4881170	4909301	4858262	1.35	cps
Silver	109-1	646474	650896	641068	646146	0.76	cps
Silver	107-1	667815	666925	656944	663895	0.91	cps
Sodium	23-1	447395450	446428212	445325380	446383014	0.23	cps
Strontium	86-1	3820616	3896541	3885648	3867602	1.06	cps
Strontium	88-1	33128159	33331490	33066825	33175491	0.42	cps
Sulfur	34-1	397521	403729	406546	402599	1.15	cps
Terbium	159-1	1255817	1221300	1227442	1234853	1.49	cps
Thallium	203-1	497399	487852	498591	494614	1.19	cps
Thallium	205-1	1197704	1179596	1185325	1187542	0.78	cps
Tin	118-1	397324	392276	405272	398291	1.64	cps
Titanium	47-1	767497	777981	769832	771770	0.71	cps
Uranium	238-1	1775017	1744797	1790505	1770106	1.31	cps
Vanadium	51-1	1117503	1103103	1136294	1118967	1.49	cps
Ytterbium	172-1	50	17	17	28	69.27	cps
Ytterbium	176-1	2259	2350	2134	2247	4.84	cps
Yttrium	89-1	1688867	1676305	1642801	1669324	1.43	cps
Zinc	66-1	1861158	1860291	1873354	1864934	0.39	cps
Zirconium	90-1	892110	891855	881807	888591	0.66	cps
Zirconium	91-1	198085	201191	196768	198681	1.14	cps

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:37:26	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	8431	6708	5577	6905	20.81	cps
Antimony	121-1	142	108	150	133	16.54	cps
Arsenic	75-1	421	483	515	473	10.14	cps
Barium	135-1	50	67	75	64	19.92	cps
Barium	137-1	108	133	117	119	10.66	cps
Beryllium	9-1	90	58	84	77	21.99	cps
Bismuth	209-1	743710	796194	793971	777958	3.82	cps
Bromine	81-1	561	591	611	587	4.29	cps
Cadmium	106-1	200	225	200	208	6.93	cps
Cadmium	108-1	4	21	8	11	78.05	cps
Cadmium	111-1	179	189	163	177	7.23	cps
Calcium	43-1	237	256	287	260	9.70	cps
Calcium	44-1	80330	79155	79372	79619	0.79	cps
Carbon	12-1	1231017	1245700	1238574	1238430	0.59	cps
Chlorine	35-1	473428	464015	447946	461796	2.79	cps
Chromium	52-1	4355	4475	4756	4529	4.54	cps
Cobalt	59-1	340	360	250	317	18.50	cps
Copper	63-1	3254	3307	3237	3266	1.12	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Erbium	164-1	25	0	0	8	173.21	cps
Gadolinium	160-1	0	8	8	6	86.60	cps
Holmium	165-1	1049729	1115794	1135911	1100478	4.10	cps
Indium	115-1	830571	883563	895420	869851	3.97	cps
Iron	54-1						cps
Iron	56-1	653424	642600	646225	647416	0.85	cps
Iron	57-1	18812	18311	18070	18397	2.06	cps
Krypton	83-1	143	183	203	177	17.29	cps
Lead	206-1	267	244	261	257	4.49	cps
Lead	207-1	294	222	278	265	14.28	cps
Lead	208-1	1172	1083	1111	1122	4.05	cps
Lithium	6-1	373476	393930	396720	388042	3.27	cps
Magnesium	24-1	16236	10936	8882	12018	31.58	cps
Manganese	55-1	10625	10475	10404	10501	1.07	cps
Molybdenum	94-1	67	100	108	92	24.05	cps
Molybdenum	95-1	75	25	108	69	60.40	cps
Molybdenum	96-1	100	175	175	150	28.87	cps

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:37:26	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	33	17	25	25	33.32	cps
Molybdenum	98-1	175	117	133	142	21.21	cps
Neodymium	150-1	20	20	0	13	86.60	cps
Nickel	60-1	491	571	481	514	9.61	cps
Phosphorus	31-1	34788	33413	33112	33771	2.65	cps
Potassium	39-1	1954297	1913387	1906816	1924834	1.34	cps
Rhodium	103-1	839195	896601	911716	882504	4.34	cps
Scandium	45-1	588262	632611	629170	616681	4.00	cps
Selenium	82-1	13	-17	-45	-16	-181.25	cps
Selenium	77-1	56	59	45	53	13.99	cps
Selenium	78-1	29755	29304	29691	29583	0.83	cps
Silicon	28-1	551151	542971	532910	542344	1.68	cps
Silver	109-1	150	108	133	131	16.06	cps
Silver	107-1	250	167	92	169	46.74	cps
Sodium	23-1	530365	511952	510387	517568	2.15	cps
Strontium	86-1	525	408	350	428	20.83	cps
Strontium	88-1	1984	1733	1617	1778	10.54	cps
Sulfur	34-1	375207	373374	373959	374180	0.25	cps
Terbium	159-1	1110442	1185220	1179159	1158274	3.59	cps
Thallium	203-1	258	233	217	236	8.88	cps
Thallium	205-1	558	508	400	489	16.56	cps
Tin	118-1	92	158	83	111	37.00	cps
Titanium	47-1	108	67	133	103	32.77	cps
Uranium	238-1	67	25	17	36	74.18	cps
Vanadium	51-1	380	380	320	360	9.62	cps
Ytterbium	172-1	8	0	8	6	86.60	cps
Ytterbium	176-1	92	92	58	81	23.89	cps
Yttrium	89-1	1498804	1581352	1628771	1569642	4.19	cps
Zinc	66-1	320	280	230	277	16.30	cps
Zirconium	90-1	58	58	100	72	33.31	cps
Zirconium	91-1	50	25	50	42	34.64	cps

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:40:22	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	35088	35229	35138	35152	0.20	cps
Antimony	121-1	2342	2342	2534	2406	4.60	cps
Arsenic	75-1	964	924	662	850	19.29	cps
Barium	135-1	1959	2284	1925	2056	9.63	cps
Barium	137-1	3576	3859	3684	3706	3.86	cps
Beryllium	9-1	490	462	450	467	4.39	cps
Bismuth	209-1	776332	805605	804009	795315	2.07	cps
Bromine	81-1	571	611	731	637	13.08	cps
Cadmium	106-1	275	225	258	253	10.07	cps
Cadmium	108-1	42	71	71	61	27.55	cps
Cadmium	111-1	401	408	381	397	3.48	cps
Calcium	43-1	1652	1700	1781	1711	3.80	cps
Calcium	44-1	102527	102187	102221	102312	0.18	cps
Carbon	12-1	1241242	1244585	1253159	1246329	0.49	cps
Chlorine	35-1	364223	350732	332673	349209	4.53	cps
Chromium	52-1	7660	7800	8061	7840	2.59	cps
Cobalt	59-1	2643	2363	2603	2536	5.98	cps
Copper	63-1	5228	5224	5358	5270	1.44	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Erbium	164-1	8	0	17	8	100.02	cps
Gadolinium	160-1	0	17	8	8	100.02	cps
Holmium	165-1	1132171	1146981	1177282	1152144	2.00	cps
Indium	115-1	874815	899152	906455	893474	1.85	cps
Iron	54-1						cps
Iron	56-1	750488	749327	748427	749414	0.14	cps
Iron	57-1	19994	21077	20787	20619	2.72	cps
Krypton	83-1	173	160	183	172	6.80	cps
Lead	206-1	1045	1089	995	1043	4.53	cps
Lead	207-1	811	950	867	876	7.98	cps
Lead	208-1	3961	4311	3989	4087	4.76	cps
Lithium	6-1	387307	402601	404786	398231	2.39	cps
Magnesium	24-1	658755	682404	663925	668361	1.86	cps
Manganese	55-1	13109	12468	12438	12672	2.99	cps
Molybdenum	94-1	2000	1892	2000	1964	3.18	cps
Molybdenum	95-1	2484	2500	2509	2498	0.51	cps
Molybdenum	96-1	3042	2817	2867	2909	4.06	cps

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:40:22	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	1392	1283	1692	1456	14.53	cps
Molybdenum	98-1	3976	3942	3976	3965	0.49	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Nickel	60-1	781	801	911	831	8.43	cps
Phosphorus	31-1	36804	37839	37065	37236	1.44	cps
Potassium	39-1	2633462	2624031	2633029	2630174	0.20	cps
Rhodium	103-1	901823	923621	923915	916453	1.38	cps
Scandium	45-1	623621	645232	643032	637295	1.87	cps
Selenium	82-1	83	85	51	73	26.26	cps
Selenium	77-1	123	117	138	126	8.66	cps
Selenium	78-1	29847	30003	29882	29911	0.27	cps
Silicon	28-1	547264	552944	544858	548355	0.76	cps
Silver	109-1	1283	1242	1283	1270	1.89	cps
Silver	107-1	1483	1150	1033	1222	19.11	cps
Sodium	23-1	1376341	1370391	1338724	1361819	1.48	cps
Strontium	86-1	617	733	717	689	9.16	cps
Strontium	88-1	3842	4026	3784	3884	3.25	cps
Sulfur	34-1	376112	379495	376528	377378	0.49	cps
Terbium	159-1	1153157	1190110	1207084	1183450	2.33	cps
Thallium	203-1	1025	1075	1133	1078	5.03	cps
Thallium	205-1	2617	2900	2584	2700	6.44	cps
Tin	118-1	4026	4117	3576	3906	7.42	cps
Titanium	47-1	750	758	800	769	3.48	cps
Uranium	238-1	3009	2825	2525	2787	8.76	cps
Vanadium	51-1	11006	11246	10885	11046	1.66	cps
Ytterbium	172-1	33	0	8	14	124.91	cps
Ytterbium	176-1	108	67	100	92	24.05	cps
Yttrium	89-1	1630907	1646206	1652366	1643160	0.67	cps
Zinc	66-1	1952	2072	1912	1979	4.21	cps
Zirconium	90-1	1600	1575	1508	1561	3.04	cps
Zirconium	91-1	350	350	433	378	12.74	cps

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	P1174-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:47:40	DataFile Name :	020AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	866531	867093	864711	866111	0.14	cps
Antimony	121-1	34978	32756	35430	34388	4.16	cps
Arsenic	75-1	13213	13474	12601	13096	3.42	cps
Barium	135-1	145916	142403	142572	143630	1.38	cps
Barium	137-1	252804	249581	248714	250367	0.86	cps
Beryllium	9-1	2874	2614	2768	2752	4.75	cps
Bismuth	209-1	803180	791482	797059	797240	0.73	cps
Bromine	81-1	601	611	601	604	0.96	cps
Cadmium	106-1	942	1042	1142	1042	9.60	cps
Cadmium	108-1	688	600	579	622	9.24	cps
Cadmium	111-1	9131	8829	8951	8970	1.70	cps
Calcium	43-1	344	331	355	343	3.46	cps
Calcium	44-1	78275	78164	78577	78339	0.27	cps
Carbon	12-1	1241584	1240412	1237980	1239992	0.15	cps
Chlorine	35-1	246732	247481	247691	247301	0.20	cps
Chromium	52-1	178653	187281	184877	183604	2.42	cps
Cobalt	59-1	320	310	430	354	18.84	cps
Copper	63-1	1541024	1621649	1577507	1580060	2.56	cps
Dysprosium	156-1	17	42	8	22	78.07	cps
Erbium	164-1	8	33	0	14	124.91	cps
Gadolinium	160-1	8	8	8	8	0.00	cps
Holmium	165-1	1159345	1152706	1128700	1146917	1.41	cps
Indium	115-1	907817	894667	898084	900190	0.76	cps
Iron	54-1						cps
Iron	56-1	3475111	3539232	3494462	3502935	0.94	cps
Iron	57-1	84605	83889	82169	83555	1.50	cps
Krypton	83-1	153	137	153	148	6.51	cps
Lead	206-1	10971	11250	11199	11140	1.33	cps
Lead	207-1	9737	9726	9548	9670	1.10	cps
Lead	208-1	44136	44692	44241	44356	0.67	cps
Lithium	6-1	402314	399825	402365	401501	0.36	cps
Magnesium	24-1	8441	12753	6448	9214	34.98	cps
Manganese	55-1	1693177	1732192	1747580	1724316	1.63	cps
Molybdenum	94-1	7294	7094	7277	7221	1.54	cps
Molybdenum	95-1	12389	12281	12381	12350	0.49	cps
Molybdenum	96-1	12898	13065	13215	13059	1.21	cps

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	P1174-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:47:40	DataFile Name :	020AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	7536	7611	8019	7722	3.37	cps
Molybdenum	98-1	20232	20457	19523	20071	2.43	cps
Neodymium	150-1	33	13	13	20	57.74	cps
Nickel	60-1	147295	145484	149256	147345	1.28	cps
Phosphorus	31-1	32279	33814	34577	33557	3.49	cps
Potassium	39-1	1899445	1901989	1910738	1904057	0.31	cps
Rhodium	103-1	924034	905645	920061	916580	1.06	cps
Scandium	45-1	650738	645473	647239	647817	0.41	cps
Selenium	82-1	1535	1569	1510	1538	1.92	cps
Selenium	77-1	1231	1264	1243	1246	1.36	cps
Selenium	78-1	33618	33467	33324	33470	0.44	cps
Silicon	28-1	591249	597223	593246	593906	0.51	cps
Silver	109-1	37610	35488	35814	36304	3.15	cps
Silver	107-1	36967	37627	36516	37037	1.51	cps
Sodium	23-1	491889	489641	488355	489962	0.37	cps
Strontium	86-1	425	408	417	417	2.00	cps
Strontium	88-1	1225	1292	1200	1239	3.83	cps
Sulfur	34-1	374179	374907	371485	373524	0.48	cps
Terbium	159-1	1201079	1188115	1188585	1192593	0.62	cps
Thallium	203-1	5701	5168	5310	5393	5.13	cps
Thallium	205-1	12940	12732	12648	12773	1.18	cps
Tin	118-1	108	200	133	147	32.19	cps
Titanium	47-1	108	75	150	111	33.82	cps
Uranium	238-1	8	0	0	3	173.21	cps
Vanadium	51-1	314429	315205	314964	314866	0.13	cps
Ytterbium	172-1	8	8	0	6	86.60	cps
Ytterbium	176-1	67	83	83	78	12.37	cps
Yttrium	89-1	1677111	1607923	1648807	1644614	2.12	cps
Zinc	66-1	619534	621519	622179	621077	0.22	cps
Zirconium	90-1	125	183	150	153	19.15	cps
Zirconium	91-1	50	33	42	42	20.00	cps

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	PB158796BL	Instrumnet Name :	P8
Client Sample ID :	PB158796BL	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:50:34	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	5016	5687	5787	5497	7.63	cps
Antimony	121-1	50	58	100	69	38.58	cps
Arsenic	75-1	414	427	366	402	8.03	cps
Barium	135-1	92	75	75	81	11.95	cps
Barium	137-1	117	125	58	100	36.33	cps
Beryllium	9-1	44	62	50	52	17.63	cps
Bismuth	209-1	797935	782084	785415	788478	1.06	cps
Bromine	81-1	661	741	621	674	9.07	cps
Cadmium	106-1	150	192	167	169	12.38	cps
Cadmium	108-1	13	13	13	13	0.00	cps
Cadmium	111-1	125	146	133	135	7.82	cps
Calcium	43-1	352	327	350	343	4.01	cps
Calcium	44-1	77562	77886	77360	77603	0.34	cps
Carbon	12-1	1216400	1200603	1240819	1219274	1.66	cps
Chlorine	35-1	209540	212568	209921	210676	0.78	cps
Chromium	52-1	4405	4255	4385	4348	1.88	cps
Cobalt	59-1	180	300	370	284	33.91	cps
Copper	63-1	3104	3004	3077	3061	1.69	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Erbium	164-1	17	17	8	14	34.67	cps
Gadolinium	160-1	25	17	33	25	33.32	cps
Holmium	165-1	1154540	1132067	1141493	1142700	0.99	cps
Indium	115-1	906922	893481	887851	896085	1.09	cps
Iron	54-1						cps
Iron	56-1	646808	641247	630549	639534	1.29	cps
Iron	57-1	17689	18060	18030	17926	1.15	cps
Krypton	83-1	170	170	157	166	4.65	cps
Lead	206-1	161	133	139	144	10.18	cps
Lead	207-1	133	122	183	146	22.25	cps
Lead	208-1	622	633	672	643	4.08	cps
Lithium	6-1	395600	392621	399906	396042	0.92	cps
Magnesium	24-1	5897	6198	6959	6351	8.62	cps
Manganese	55-1	10946	10174	10495	10538	3.68	cps
Molybdenum	94-1	25	92	25	47	81.51	cps
Molybdenum	95-1	8	33	58	33	75.01	cps
Molybdenum	96-1	133	125	92	117	18.90	cps

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	PB158796BL	Instrumnet Name :	P8
Client Sample ID :	PB158796BL	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:50:34	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	25	0	33	19	89.21	cps
Molybdenum	98-1	50	83	50	61	31.50	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Nickel	60-1	491	350	501	447	18.78	cps
Phosphorus	31-1	33403	33453	33764	33540	0.58	cps
Potassium	39-1	1907131	1888755	1861670	1885852	1.21	cps
Rhodium	103-1	933858	941227	921320	932135	1.08	cps
Scandium	45-1	637580	642129	641796	640502	0.40	cps
Selenium	82-1	-6	-14	-13	-11	-39.96	cps
Selenium	77-1	35	35	37	36	3.21	cps
Selenium	78-1	30042	29765	29930	29912	0.47	cps
Silicon	28-1	546290	549657	542156	546034	0.69	cps
Silver	109-1	0	33	25	19	89.21	cps
Silver	107-1	25	67	50	47	44.41	cps
Sodium	23-1	436163	436105	431529	434599	0.61	cps
Strontium	86-1	550	358	317	408	30.48	cps
Strontium	88-1	1392	1458	1392	1414	2.72	cps
Sulfur	34-1	375446	375986	370675	374036	0.78	cps
Terbium	159-1	1185600	1179920	1185642	1183721	0.28	cps
Thallium	203-1	142	200	125	156	25.32	cps
Thallium	205-1	408	508	375	431	16.12	cps
Tin	118-1	117	92	108	106	12.06	cps
Titanium	47-1	100	58	117	92	32.78	cps
Uranium	238-1	0	8	8	6	86.60	cps
Vanadium	51-1	280	160	250	230	27.15	cps
Ytterbium	172-1	25	8	0	11	114.58	cps
Ytterbium	176-1	75	67	17	53	59.77	cps
Yttrium	89-1	1636299	1658189	1620776	1638421	1.15	cps
Zinc	66-1	300	280	310	297	5.15	cps
Zirconium	90-1	42	58	67	56	22.91	cps
Zirconium	91-1	33	25	0	19	89.21	cps

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	PB158796BS	Instrumnet Name :	P8
Client Sample ID :	PB158796BS	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:53:31	DataFile Name :	022LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	17091978	17106471	16622645	16940364	1.62	cps
Antimony	121-1	630143	640766	629094	633335	1.02	cps
Arsenic	75-1	210832	211373	209042	210415	0.58	cps
Barium	135-1	568560	576252	569801	571538	0.72	cps
Barium	137-1	989489	992800	995104	992464	0.28	cps
Beryllium	9-1	192314	194353	192693	193120	0.56	cps
Bismuth	209-1	806785	818829	819343	814985	0.87	cps
Bromine	81-1	641	701	681	674	4.54	cps
Cadmium	106-1	14775	14825	13816	14472	3.93	cps
Cadmium	108-1	10020	10508	10437	10322	2.55	cps
Cadmium	111-1	138140	141771	138527	139479	1.43	cps
Calcium	43-1	173492	173772	171232	172832	0.81	cps
Calcium	44-1	2890096	2879999	2793918	2854671	1.85	cps
Carbon	12-1	1300671	1346199	1361882	1336250	2.38	cps
Chlorine	35-1	201217	198505	192028	197250	2.39	cps
Chromium	52-1	968431	974775	974889	972698	0.38	cps
Cobalt	59-1	1099018	1091056	1080700	1090258	0.84	cps
Copper	63-1	6236452	6217643	6194414	6216170	0.34	cps
Dysprosium	156-1	25	92	17	44	92.49	cps
Erbium	164-1	25	42	58	42	40.00	cps
Gadolinium	160-1	33	58	42	44	28.64	cps
Holmium	165-1	1185355	1184140	1184331	1184609	0.06	cps
Indium	115-1	914763	916656	904002	911807	0.75	cps
Iron	54-1						cps
Iron	56-1	55086078	55980069	55759768	55608638	0.84	cps
Iron	57-1	1344170	1383964	1363509	1363881	1.46	cps
Krypton	83-1	190	183	190	188	2.05	cps
Lead	206-1	2215206	2282032	2261036	2252758	1.52	cps
Lead	207-1	1864265	1963022	1896898	1908062	2.64	cps
Lead	208-1	8703030	9023639	8922657	8883109	1.85	cps
Lithium	6-1	404817	397428	394185	398810	1.37	cps
Magnesium	24-1	71557267	71698926	70018704	71091632	1.31	cps
Manganese	55-1	12938766	13055990	13039252	13011336	0.49	cps
Molybdenum	94-1	1868077	1888631	1833629	1863445	1.49	cps
Molybdenum	95-1	2696416	2674022	2645587	2672008	0.95	cps
Molybdenum	96-1	2893462	2902469	2876516	2890816	0.46	cps

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	PB158796BS	Instrumnet Name :	P8
Client Sample ID :	PB158796BS	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:53:31	DataFile Name :	022LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	1624886	1669301	1622925	1639037	1.60	cps
Molybdenum	98-1	4266302	4315343	4361314	4314319	1.10	cps
Neodymium	150-1	33	33	60	42	36.47	cps
Nickel	60-1	244314	242316	238832	241821	1.15	cps
Phosphorus	31-1	1082245	1062406	1063380	1069344	1.05	cps
Potassium	39-1	42251984	42057456	41166200	41825213	1.38	cps
Rhodium	103-1	927409	913753	915492	918885	0.81	cps
Scandium	45-1	651686	654341	643953	649993	0.83	cps
Selenium	82-1	10562	10823	10555	10647	1.43	cps
Selenium	77-1	8319	8455	8162	8312	1.76	cps
Selenium	78-1	56171	56772	56216	56386	0.59	cps
Silicon	28-1	4840038	4811937	4681270	4777748	1.77	cps
Silver	109-1	645126	641624	639165	641972	0.47	cps
Silver	107-1	668581	660884	666507	665324	0.60	cps
Sodium	23-1	94597905	94831200	92726343	94051816	1.23	cps
Strontium	86-1	3916724	3962718	3921386	3933609	0.64	cps
Strontium	88-1	33161406	34019532	32910775	33363904	1.74	cps
Sulfur	34-1	411919	395560	395282	400920	2.38	cps
Terbium	159-1	1218284	1235619	1232094	1228666	0.75	cps
Thallium	203-1	493755	488552	495223	492510	0.71	cps
Thallium	205-1	1185590	1186099	1205965	1192551	0.97	cps
Tin	118-1	404533	402750	399998	402427	0.57	cps
Titanium	47-1	786096	795263	787682	789680	0.62	cps
Uranium	238-1	1717507	1726203	1716199	1719970	0.32	cps
Vanadium	51-1	1143589	1144242	1127706	1138513	0.82	cps
Ytterbium	172-1	0	17	33	17	99.99	cps
Ytterbium	176-1	1950	2400	2334	2228	10.90	cps
Yttrium	89-1	1700857	1693216	1649089	1681054	1.66	cps
Zinc	66-1	1907249	1907528	1865318	1893365	1.28	cps
Zirconium	90-1	890992	896029	886721	891248	0.52	cps
Zirconium	91-1	196211	203910	198104	199408	2.01	cps

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:56:24	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	81701218	77980125	78339251	79340198	2.59	cps
Antimony	121-1	623865	607785	615194	615615	1.31	cps
Arsenic	75-1	210516	208915	210489	209973	0.44	cps
Barium	135-1	552795	555566	553189	553850	0.27	cps
Barium	137-1	981080	982215	983402	982232	0.12	cps
Beryllium	9-1	193193	189372	192971	191845	1.12	cps
Bismuth	209-1	743279	783986	780179	769148	2.92	cps
Bromine	81-1	661	781	771	737	9.04	cps
Cadmium	106-1	14641	14149	14500	14430	1.76	cps
Cadmium	108-1	10487	10246	10171	10301	1.61	cps
Cadmium	111-1	138294	136051	136798	137048	0.83	cps
Calcium	43-1	792371	773717	764677	776922	1.82	cps
Calcium	44-1	12987930	12593799	12668979	12750236	1.64	cps
Carbon	12-1	1411208	1439800	1435838	1428949	1.08	cps
Chlorine	35-1	193311	187021	186008	188780	2.10	cps
Chromium	52-1	958975	954672	957743	957130	0.23	cps
Cobalt	59-1	1084133	1061469	1062890	1069498	1.19	cps
Copper	63-1	6023730	6049477	6010248	6027818	0.33	cps
Dysprosium	156-1	175	175	183	178	2.71	cps
Erbium	164-1	17	17	33	22	43.28	cps
Gadolinium	160-1	100	183	142	142	29.41	cps
Holmium	165-1	1104089	1168121	1167736	1146649	3.21	cps
Indium	115-1	849644	866061	884610	866772	2.02	cps
Iron	54-1						cps
Iron	56-1	266415546	263890701	263435116	264580454	0.61	cps
Iron	57-1	6588102	6357882	6445178	6463721	1.80	cps
Krypton	83-1	143	177	120	147	19.42	cps
Lead	206-1	2199959	2171398	2181042	2184133	0.67	cps
Lead	207-1	1859832	1890284	1914286	1888134	1.45	cps
Lead	208-1	8680915	8681815	8780134	8714288	0.65	cps
Lithium	6-1	365169	382553	383273	376998	2.72	cps
Magnesium	24-1	345972050	338252521	336366975	340197182	1.50	cps
Manganese	55-1	12371478	12470387	12649203	12497023	1.13	cps
Molybdenum	94-1	1858812	1833459	1856357	1849543	0.76	cps
Molybdenum	95-1	2745311	2574458	2645039	2654936	3.23	cps
Molybdenum	96-1	2886658	2829973	2901416	2872682	1.31	cps

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 16:56:24	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	1643646	1654902	1645087	1647878	0.37	cps
Molybdenum	98-1	4277478	4269989	4142733	4230067	1.79	cps
Neodymium	150-1	40	53	33	42	24.12	cps
Nickel	60-1	241520	242449	236645	240205	1.30	cps
Phosphorus	31-1	1066122	1040353	1045706	1050727	1.29	cps
Potassium	39-1	197174988	190131059	192870103	193392050	1.84	cps
Rhodium	103-1	841597	867641	876884	862041	2.12	cps
Scandium	45-1	602374	620675	633093	618714	2.50	cps
Selenium	82-1	10878	10742	10683	10768	0.93	cps
Selenium	77-1	8331	8105	8257	8231	1.40	cps
Selenium	78-1	56332	55716	56046	56031	0.55	cps
Silicon	28-1	4889738	4934086	4873411	4899078	0.64	cps
Silver	109-1	620589	625723	629560	625291	0.72	cps
Silver	107-1	665746	648004	646295	653348	1.65	cps
Sodium	23-1	448246190	438927532	448166691	445113471	1.20	cps
Strontium	86-1	3888756	3811751	3842059	3847522	1.01	cps
Strontium	88-1	33161078	32526333	33142030	32943147	1.10	cps
Sulfur	34-1	404284	402624	404573	403827	0.26	cps
Terbium	159-1	1157071	1199090	1203308	1186489	2.15	cps
Thallium	203-1	486763	472551	482076	480463	1.51	cps
Thallium	205-1	1166606	1156623	1172817	1165349	0.70	cps
Tin	118-1	396110	389876	392461	392815	0.80	cps
Titanium	47-1	771189	758445	770762	766799	0.94	cps
Uranium	238-1	1726638	1713623	1735174	1725145	0.63	cps
Vanadium	51-1	1120410	1109801	1100464	1110225	0.90	cps
Ytterbium	172-1	25	17	33	25	33.32	cps
Ytterbium	176-1	2367	2175	2159	2234	5.18	cps
Yttrium	89-1	1560019	1612458	1670467	1614315	3.42	cps
Zinc	66-1	1876875	1835558	1816051	1842828	1.69	cps
Zirconium	90-1	894784	866977	885390	882384	1.60	cps
Zirconium	91-1	200647	200376	198897	199973	0.47	cps

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 17:01:54	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	5577	5387	5617	5527	2.23	cps
Antimony	121-1	92	117	267	158	59.78	cps
Arsenic	75-1	351	369	436	385	11.72	cps
Barium	135-1	92	75	75	81	11.95	cps
Barium	137-1	117	125	142	128	9.96	cps
Beryllium	9-1	76	64	94	78	19.36	cps
Bismuth	209-1	769106	761243	769820	766723	0.62	cps
Bromine	81-1	571	440	440	484	15.53	cps
Cadmium	106-1	258	217	192	222	15.16	cps
Cadmium	108-1	17	17	33	22	43.28	cps
Cadmium	111-1	198	153	140	164	18.77	cps
Calcium	43-1	246	270	324	280	14.18	cps
Calcium	44-1	76506	76636	76542	76561	0.09	cps
Carbon	12-1	1205793	1182586	1176737	1188372	1.29	cps
Chlorine	35-1	150189	149962	151108	150420	0.40	cps
Chromium	52-1	3955	3965	4175	4031	3.09	cps
Cobalt	59-1	380	370	270	340	17.89	cps
Copper	63-1	3350	3140	3064	3185	4.66	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Erbium	164-1	0	17	8	8	100.02	cps
Gadolinium	160-1	8	8	25	14	69.31	cps
Holmium	165-1	1119797	1109306	1127761	1118955	0.83	cps
Indium	115-1	859646	866947	875061	867218	0.89	cps
Iron	54-1						cps
Iron	56-1	574587	585111	575520	578406	1.01	cps
Iron	57-1	17288	17619	17539	17482	0.99	cps
Krypton	83-1	153	157	150	153	2.17	cps
Lead	206-1	228	261	250	246	6.89	cps
Lead	207-1	239	261	200	233	13.26	cps
Lead	208-1	928	1094	1056	1026	8.50	cps
Lithium	6-1	381313	386802	386723	384946	0.82	cps
Magnesium	24-1	8291	8331	8471	8364	1.13	cps
Manganese	55-1	10665	10304	10034	10334	3.06	cps
Molybdenum	94-1	58	100	108	89	30.13	cps
Molybdenum	95-1	67	108	150	108	38.46	cps
Molybdenum	96-1	158	208	258	208	24.00	cps

LB Number :	LB129428	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2024-02-02 17:01:54	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	8	42	0	17	132.30	cps
Molybdenum	98-1	133	158	142	144	8.81	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Nickel	60-1	430	370	390	397	7.70	cps
Phosphorus	31-1	32419	33674	33413	33169	2.00	cps
Potassium	39-1	1848789	1885594	1857918	1864101	1.03	cps
Rhodium	103-1	882425	880364	885254	882681	0.28	cps
Scandium	45-1	616049	613610	620490	616716	0.57	cps
Selenium	82-1	-19	-24	-6	-16	-56.80	cps
Selenium	77-1	25	39	32	32	22.03	cps
Selenium	78-1	29998	29710	29642	29783	0.63	cps
Silicon	28-1	540618	545344	542182	542715	0.44	cps
Silver	109-1	50	50	50	50	0.00	cps
Silver	107-1	33	50	42	42	20.00	cps
Sodium	23-1	521062	520844	512128	518011	0.98	cps
Strontium	86-1	375	375	358	369	2.60	cps
Strontium	88-1	1683	1758	1567	1670	5.79	cps
Sulfur	34-1	356417	364642	359066	360042	1.17	cps
Terbium	159-1	1144080	1145206	1140091	1143126	0.24	cps
Thallium	203-1	150	142	150	147	3.27	cps
Thallium	205-1	525	433	350	436	20.07	cps
Tin	118-1	75	233	142	150	53.00	cps
Titanium	47-1	92	125	108	108	15.38	cps
Uranium	238-1	42	8	17	22	78.07	cps
Vanadium	51-1	160	190	150	167	12.49	cps
Ytterbium	172-1	0	0	8	3	173.21	cps
Ytterbium	176-1	92	108	58	86	29.57	cps
Yttrium	89-1	1519302	1582316	1603762	1568460	2.80	cps
Zinc	66-1	320	250	270	280	12.88	cps
Zirconium	90-1	142	58	92	97	43.14	cps
Zirconium	91-1	25	8	25	19	49.50	cps