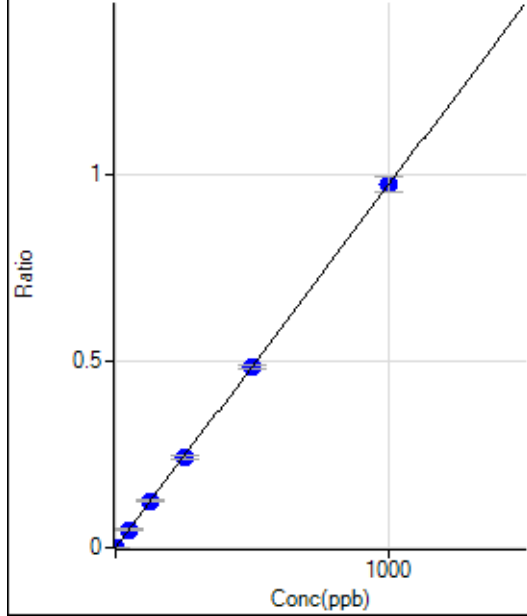


Batch Folder: D:\Agilent\ICPMH\1\DATA\200.8 P8081423 MS.b\
Analysis File: 200.8 P8081423 MS.batch.bin
DA Date-Time: 2023-08-15 10:53:54
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-08-14 15:56:00
2	006CALS.d	S02	2023-08-14 16:02:08
3	007CALS.d	S03	2023-08-14 16:05:11
4	008CALS.d	S04	2023-08-14 16:08:16
5	009CALS.d	S05	2023-08-14 16:11:20
6	010CALS.d	S06	2023-08-14 16:14:25
7	012CALS.d	S07	2023-08-14 16:20:35
8	013CALS.d	S08	2023-08-14 16:23:38

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	48.66	0.0001	P	26.8
2	☐	1.000	1.071	450.59	0.0012	P	4.1
3	☐	50.000	49.733	19547.06	0.0486	P	3.8
4	☐	125.000	129.752	48425.26	0.1265	P	3.3
5	☐	250.000	248.209	92284.72	0.2419	P	3.0
6	☐	500.000	499.438	189263.13	0.4867	P	2.3
7	☐	1000.000	1000.148	364517.04	0.9744	P	4.1
8	☐			114.65	0.0003	P	14.8

$$y = 9.7418\text{E-}004 * x + 1.2431\text{E-}004$$

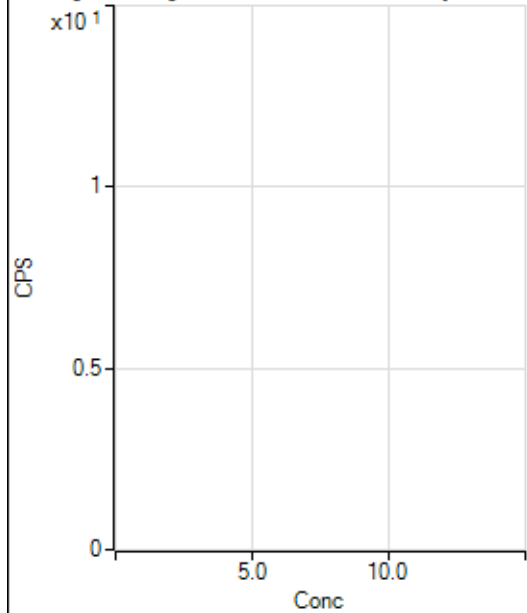
$$R = 1.0000$$

$$DL = 0.1028$$

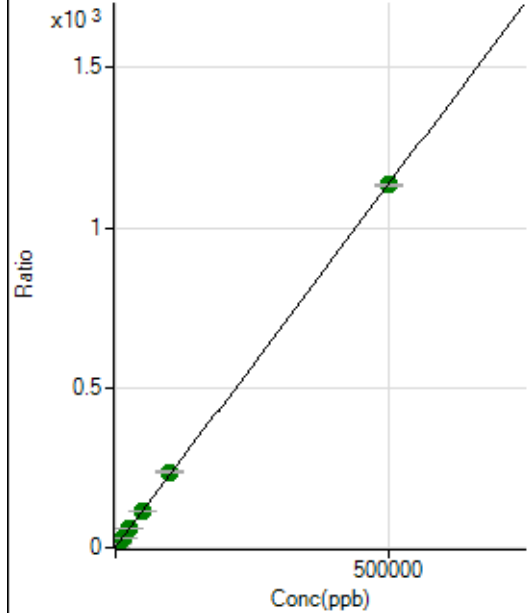
$$BEC = 0.1276$$

Weight: <None>

Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1314263.53		A	1.6
2	☐			1319472.17		A	0.6
3	☐			1322812.66		A	1.2
4	☐			1438086.23		A	0.4
5	☐			1394847.12		A	1.1
6	☐			1344189.54		A	1.2
7	☐			1435548.34		A	1.9
8	☐			1593933.61		A	5.9

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	929628.50	1.0021	P	1.0
2	☐	500.000	462.323	1902279.31	2.0511	A	4.5
3	☐	5000.000	4896.917	11719554.04	12.1138	A	4.2
4	☐	12500.000	13191.412	27890339.77	30.9351	A	4.7
5	☐	25000.000	25549.713	53479628.58	58.9778	A	1.9
6	☐	50000.000	50844.262	107658896.77	116.3744	A	1.1
7	☐	100000.00	103915.50	206534487.21	236.8001	A	4.5
8	☐	500000.00	499088.77	1014892229.8	1,133.500	A	0.7

$$y = 0.0023 * x + 1.0021$$

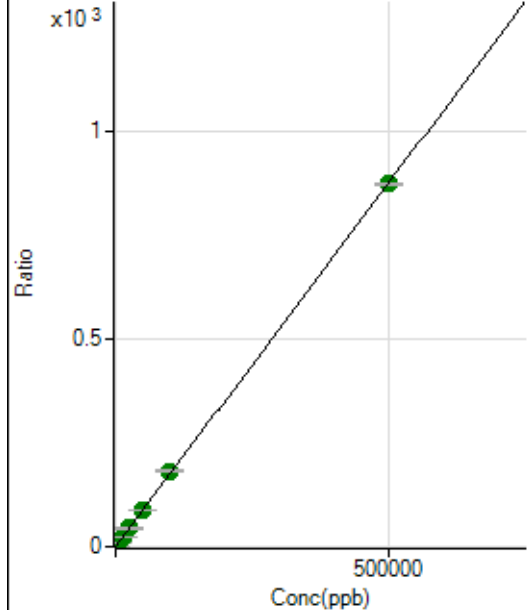
$$R = 1.0000$$

$$DL = 13.24$$

$$BEC = 441.6$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	6972.19	0.0075	P	5.9
2	☐	500.000	471.322	773389.98	0.8337	P	3.7
3	☐	5000.000	4961.790	8422934.62	8.7048	A	3.5
4	☐	12500.000	13224.992	20907454.01	23.1889	A	4.6
5	☐	25000.000	25346.356	40292432.68	44.4358	A	2.1
6	☐	50000.000	50647.976	82125119.73	88.7857	A	2.3
7	☐	100000.00	104412.06	159655958.67	183.0259	A	4.1
8	☐	500000.00	499017.75	783152017.77	874.7095	A	0.7

$$y = 0.0018 * x + 0.0075$$

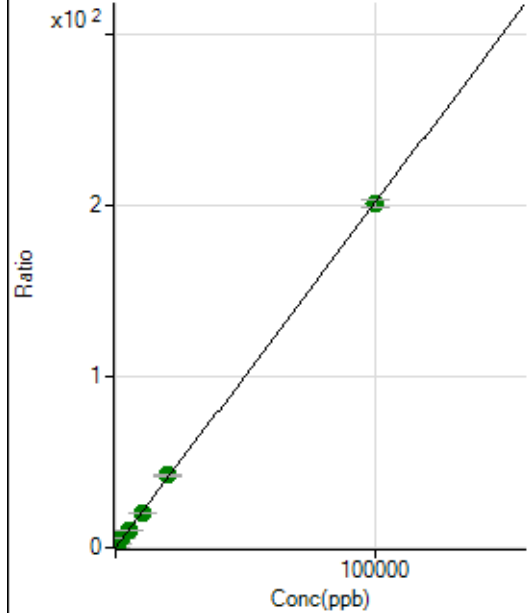
$$R = 1.0000$$

$$DL = 0.7634$$

$$BEC = 4.289$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	4048.06	0.0044	P	4.7
2	☐	20.000	19.841	41200.17	0.0444	P	4.2
3	☐	1000.000	1023.385	2002768.26	2.0705	A	4.9
4	☐	2500.000	2666.651	4857099.85	5.3881	A	5.1
5	☐	5000.000	5086.581	9315597.14	10.2737	A	1.4
6	☐	10000.000	10203.418	19062186.93	20.6042	A	0.6
7	☐	20000.000	20950.183	36904778.06	42.3009	A	3.5
8	☐	100000.00	99780.892	180370060.37	201.4532	A	2.3

$$y = 0.0020 * x + 0.0044$$

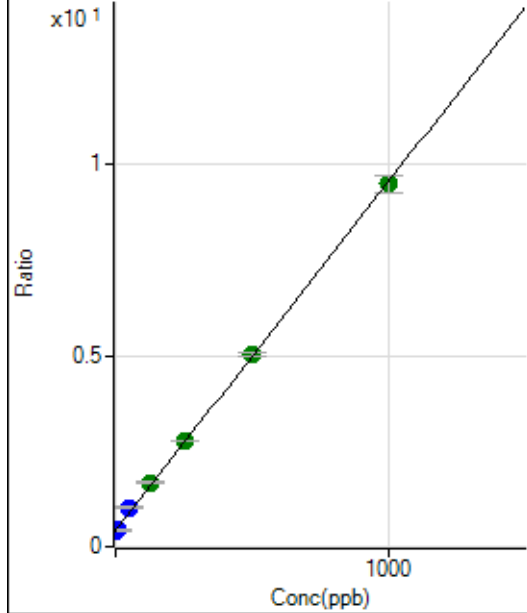
$$R = 1.0000$$

$$DL = 0.3073$$

$$BEC = 2.161$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	389408.96	0.4198	P	1.1
2	☐	10.000	0.983	397689.50	0.4287	P	3.7
3	☐	50.000	65.955	988143.89	1.0214	P	4.2
4	☐	125.000	137.673	1510952.72	1.6756	A	4.0
5	☐	250.000	256.587	2502936.04	2.7603	A	1.2
6	☐	500.000	505.454	4653312.65	5.0304	A	1.7
7	☐	1000.000	993.335	8267594.80	9.4808	A	5.0
8	☐			1032444.54	1.1531	A	7.8

$$y = 0.0091 * x + 0.4198$$

$$R = 0.9997$$

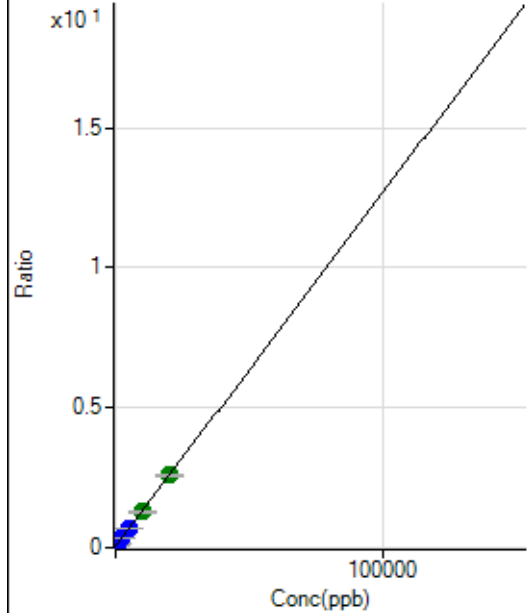
$$DL = 1.486$$

$$BEC = 46.02$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-8.732	32727.16	0.0353	P	0.6
2	☐	0.000	8.732	34790.59	0.0375	P	2.4
3	☐	1000.000	954.476	152192.35	0.1573	P	3.5
4	☐	2500.000	2594.646	329147.13	0.3650	P	4.3
5	☐	5000.000	5005.510	607885.94	0.6704	P	2.1
6	☐	10000.000	9773.474	1178897.71	1.2744	A	1.2
7	☐	20000.000	20102.331	2253227.92	2.5827	A	3.5
8	☐			30814.21	0.0344	P	1.3

$$y = 1.2667E-004 * x + 0.0364$$

$$R = 0.9999$$

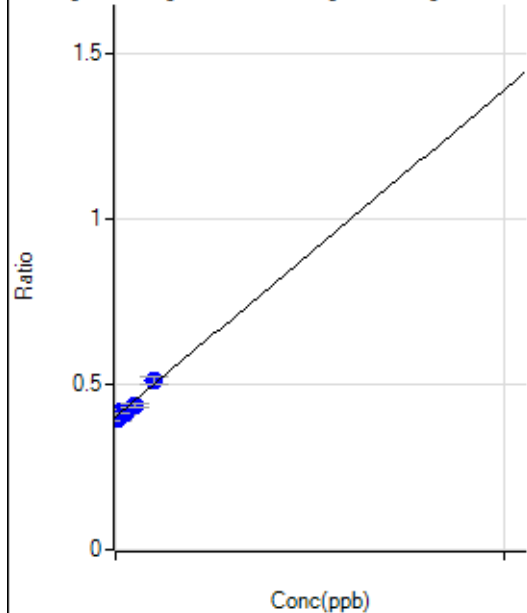
$$DL = 12.96$$

$$BEC = 287.2$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-421.930	370784.31	0.3997	P	0.8
2	☐	0.000	421.930	374574.86	0.4038	P	4.0
3	☐	1000.000	-941.141	384213.94	0.3971	P	3.9
4	☐	2500.000	2887.724	375138.96	0.4160	P	3.8
5	☐	5000.000	2293.240	374557.28	0.4131	P	0.7
6	☐	10000.000	6679.617	402041.72	0.4347	P	3.0
7	☐	20000.000	22385.473	446658.27	0.5121	P	4.4
8	☐			337956.60	0.3775	P	0.4

$$y = 4.9298E-006 * x + 0.4018$$

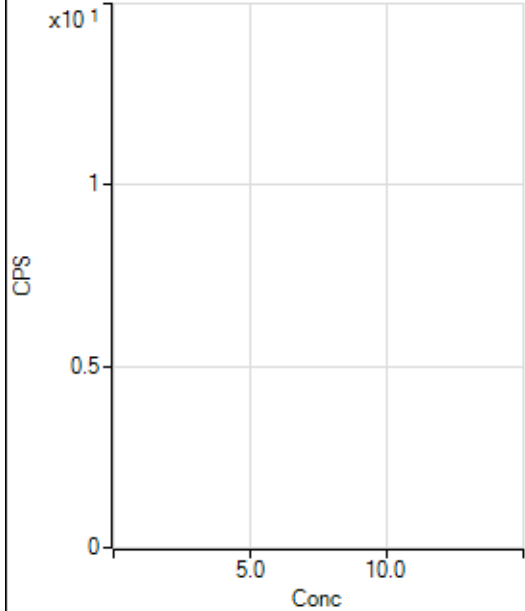
$$R = 0.9724$$

$$DL = 5820$$

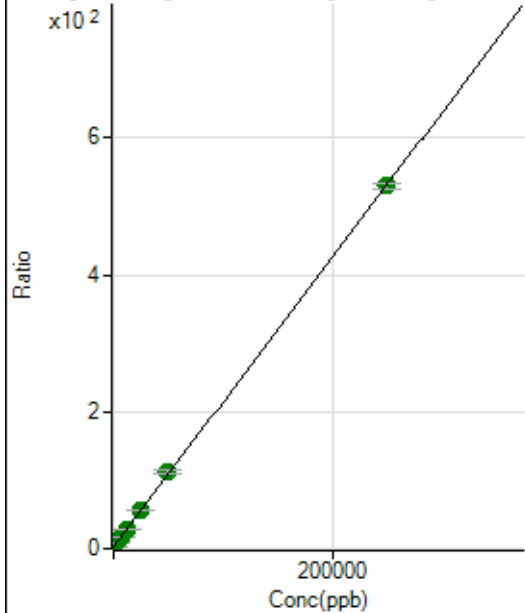
$$BEC = 8.15E+04$$

Weight: <None>

Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			101935.55		P	1.2
2	☐			104299.21		P	0.8
3	☐			111776.95		P	0.8
4	☐			110492.38		P	0.2
5	☐			108042.85		P	2.4
6	☐			113414.37		P	0.2
7	☐			110531.25		P	1.3
8	☐			117967.34		P	1.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2601737.97	2.8045	A	0.9
2	☐	500.000	454.103	3490891.18	3.7639	A	4.4
3	☐	2500.000	2392.053	7603383.85	7.8582	A	3.7
4	☐	6250.000	6541.757	14990338.98	16.6253	A	4.3
5	☐	12500.000	12481.540	26454539.03	29.1742	A	1.9
6	☐	25000.000	25220.566	51880895.73	56.0880	A	2.1
7	☐	50000.000	51753.703	97834813.87	112.1446	A	3.6
8	☐	250000.00	249622.00	474682082.03	530.1811	A	1.5

$$y = 0.0021 * x + 2.8045$$

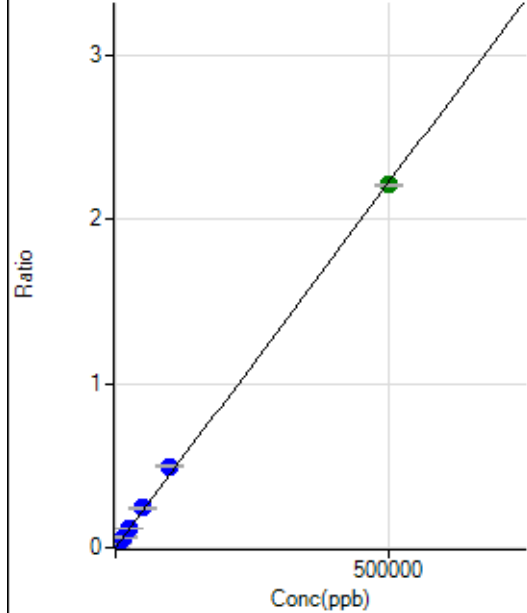
$$R = 1.0000$$

$$DL = 35.69$$

$$BEC = 1327$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	227.06	0.0002	P	4.9
2	☐	500.000	462.390	2132.40	0.0023	P	3.9
3	☐	5000.000	5321.970	23111.82	0.0239	P	3.8
4	☐	12500.000	14229.596	57217.15	0.0635	P	4.4
5	☐	25000.000	27135.266	109525.76	0.1208	P	2.0
6	☐	50000.000	54175.755	222867.04	0.2409	P	1.4
7	☐	100000.00	111886.83	433767.65	0.4973	P	4.3
8	☐	500000.00	497051.87	1977255.79	2.2084	A	0.5

$$y = 4.4425\text{E-}006 * x + 2.4467\text{E-}004$$

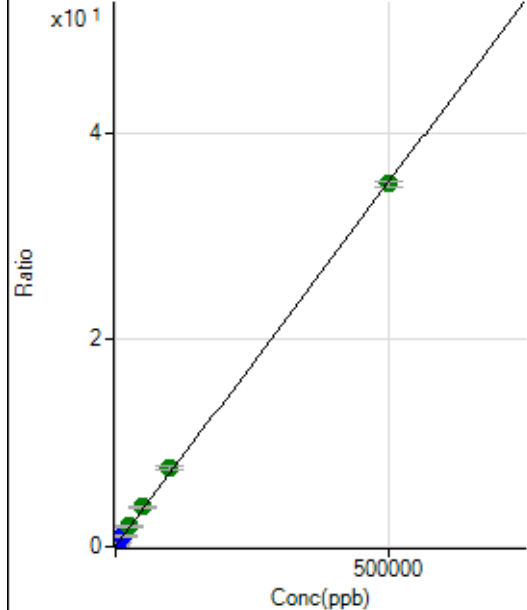
$$R = 0.9997$$

$$DL = 8.098$$

$$BEC = 55.08$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	61992.35	0.0668	P	1.1
2	☐	500.000	463.636	92238.83	0.0994	P	3.5
3	☐	5000.000	5133.690	413983.19	0.4279	P	3.9
4	☐	12500.000	13849.338	938559.20	1.0409	P	4.1
5	☐	25000.000	27043.853	1785194.55	1.9688	A	2.0
6	☐	50000.000	53551.591	3545782.77	3.8331	A	1.8
7	☐	100000.00	108597.29	6718831.58	7.7045	A	5.0
8	☐	500000.00	497788.15	31406375.75	35.0766	A	1.3

$$y = 7.0331\text{E-}005 * x + 0.0668$$

$$R = 0.9998$$

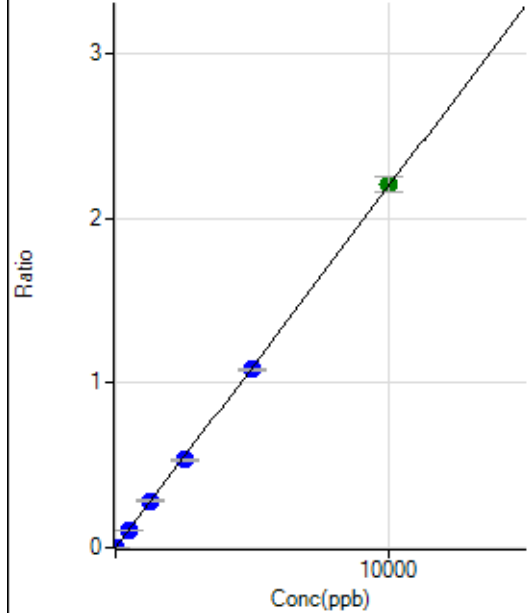
$$DL = 31.52$$

$$BEC = 950.1$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	97.22	0.0001	P	38.1
2	☐	5.000	4.714	1058.40	0.0011	P	4.3
3	☐	500.000	478.495	101670.79	0.1051	P	3.5
4	☐	1250.000	1282.310	253753.01	0.2814	P	4.1
5	☐	2500.000	2432.377	483921.17	0.5337	P	2.6
6	☐	5000.000	4939.981	1002617.53	1.0838	P	1.2
7	☐	10000.000	10043.952	1922048.44	2.2035	A	4.2
8	☐			355.60	0.0004	P	31.7

$$y = 2.1937\text{E-}004 * x + 1.0468\text{E-}004$$

$$R = 0.9999$$

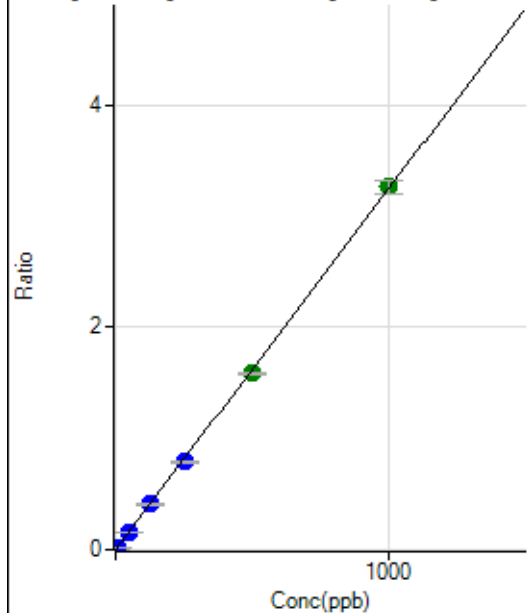
$$DL = 0.5456$$

$$BEC = 0.4772$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	236.91	0.0003	P	13.8
2	☐	5.000	4.557	13961.15	0.0150	P	0.4
3	☐	50.000	46.940	147531.19	0.1525	P	4.7
4	☐	125.000	127.201	372209.01	0.4128	P	4.6
5	☐	250.000	243.884	717508.55	0.7913	P	2.2
6	☐	500.000	490.355	1471644.64	1.5908	A	1.0
7	☐	1000.000	1006.232	2847566.63	3.2641	A	3.6
8	☐			904.30	0.0010	P	13.9

$$y = 0.0032 * x + 2.5557\text{E-}004$$

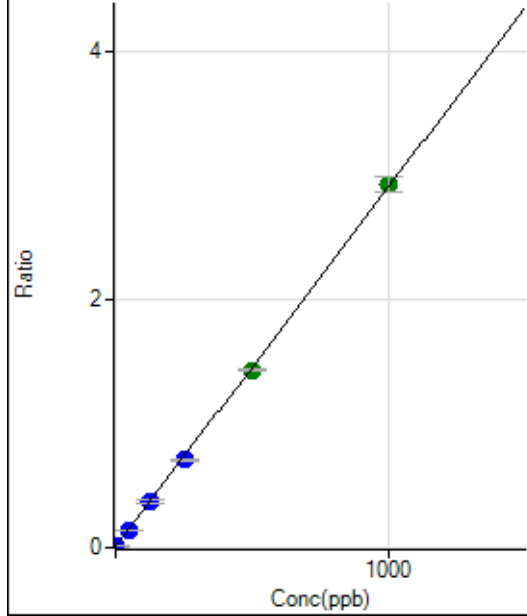
$$R = 0.9999$$

$$DL = 0.03261$$

$$BEC = 0.07879$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	4992.72	0.0054	P	0.9
2	☐	2.000	1.983	10321.01	0.0111	P	7.3
3	☐	50.000	46.826	136579.43	0.1412	P	5.7
4	☐	125.000	126.692	336104.85	0.3729	P	5.7
5	☐	250.000	241.388	639870.45	0.7056	P	1.1
6	☐	500.000	491.741	1324674.99	1.4319	A	1.7
7	☐	1000.000	1006.230	2550762.26	2.9244	A	4.3
8	☐			19025.37	0.0212	P	2.5

$$y = 0.0029 * x + 0.0054$$

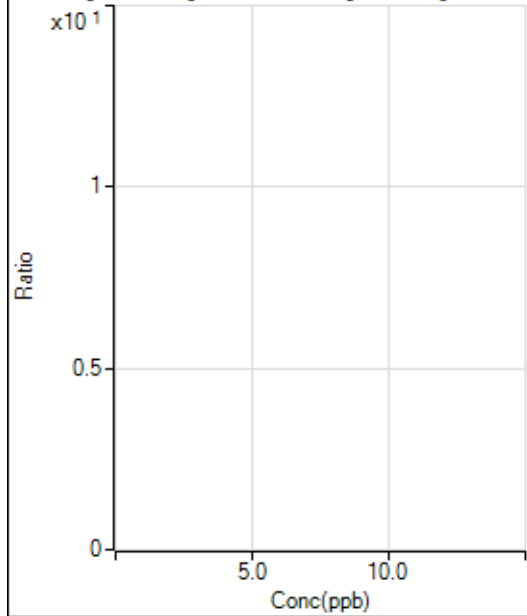
$$R = 0.9999$$

$$DL = 0.051$$

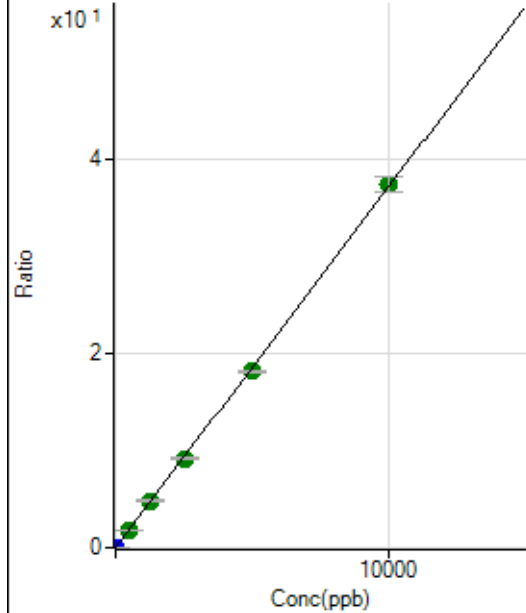
$$BEC = 1.855$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	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	De t	RSD
1	☐	0.000	0.000	9315.97	0.0100	P	4.2
2	☐	1.000	1.047	12919.12	0.0139	P	3.5
3	☐	500.000	481.717	1738358.80	1.7964	A	3.3
4	☐	1250.000	1287.164	4312998.37	4.7834	A	4.3
5	☐	2500.000	2458.672	8276247.10	9.1278	A	2.2
6	☐	5000.000	4890.349	16786336.58	18.1455	A	1.6
7	☐	10000.000	10061.426	32554928.78	37.3220	A	4.2
8	☐			33332.98	0.0372	P	3.8

$$y = 0.0037 * x + 0.0100$$

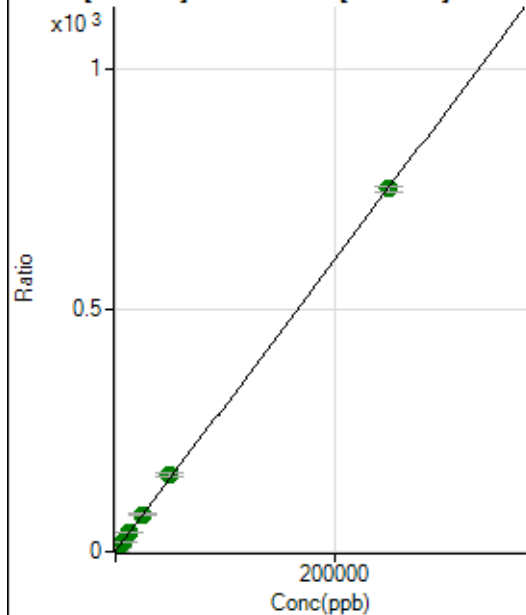
$$R = 0.9999$$

$$DL = 0.3392$$

$$BEC = 2.708$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	668838.72	0.7209	P	0.4
2	☐	50.000	54.658	821222.83	0.8854	P	4.1
3	☐	2500.000	2510.921	8007267.19	8.2757	A	3.7
4	☐	6250.000	6792.969	19077887.84	21.1593	A	4.4
5	☐	12500.000	12779.958	35519668.84	39.1727	A	1.7
6	☐	25000.000	25489.026	71610054.20	77.4111	A	1.5
7	☐	50000.000	52612.289	138723078.19	159.0182	A	3.7
8	☐	250000.00	249400.95	672524147.12	751.1064	A	1.8

$$y = 0.0030 * x + 0.7209$$

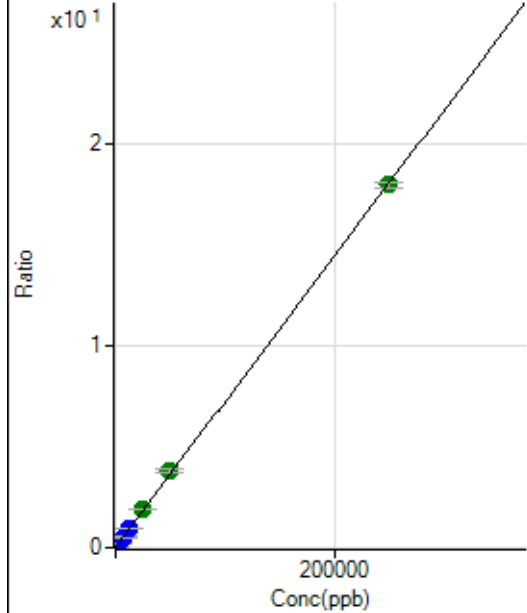
$$R = 0.9999$$

$$DL = 2.883$$

$$BEC = 239.6$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	18447.60	0.0199	P	3.2
2	☐	50.000	56.635	22220.03	0.0240	P	5.2
3	☐	2500.000	2542.037	196219.53	0.2028	P	4.6
4	☐	6250.000	6849.785	462436.65	0.5129	P	4.3
5	☐	12500.000	13052.424	869802.22	0.9593	P	2.6
6	☐	25000.000	26227.059	1764451.51	1.9075	A	2.4
7	☐	50000.000	52743.971	3327075.09	3.8160	A	5.7
8	☐	250000.00	249285.46	16081224.41	17.9614	A	1.7

$$y = 7.1972\text{E-}005 * x + 0.0199$$

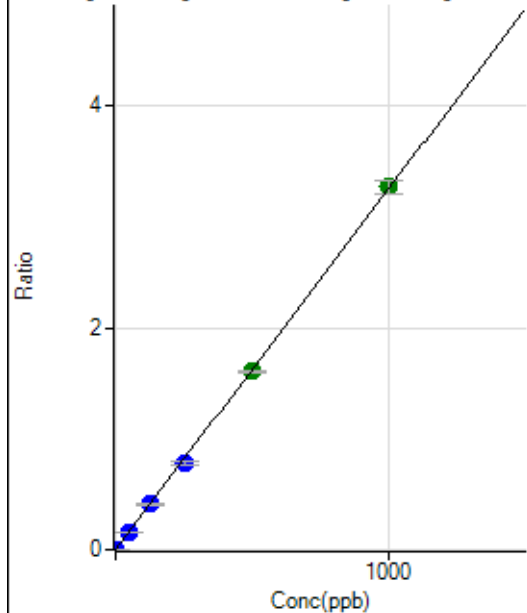
$$R = 0.9999$$

$$DL = 26.29$$

$$BEC = 276.3$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	213.56	0.0002	P	7.5
2	☐	1.000	0.930	3020.10	0.0033	P	1.5
3	☐	50.000	47.518	149575.54	0.1546	P	3.5
4	☐	125.000	126.221	369904.51	0.4102	P	4.1
5	☐	250.000	239.809	706463.51	0.7792	P	3.4
6	☐	500.000	493.200	1482309.21	1.6023	A	0.7
7	☐	1000.000	1005.919	2850709.36	3.2677	A	3.7
8	☐			7125.86	0.0080	P	8.3

$$y = 0.0032 * x + 2.3024\text{E-}004$$

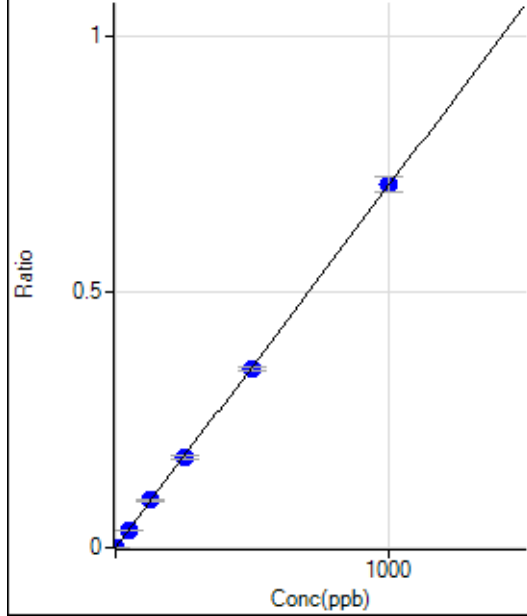
$$R = 0.9999$$

$$DL = 0.01599$$

$$BEC = 0.07088$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	317.00	0.0003	P	11.2
2	☐	1.000	1.064	1011.08	0.0011	P	17.1
3	☐	50.000	48.605	33590.54	0.0347	P	2.7
4	☐	125.000	131.126	83917.58	0.0931	P	4.2
5	☐	250.000	248.810	159795.97	0.1763	P	4.2
6	☐	500.000	494.724	323862.91	0.3501	P	2.4
7	☐	1000.000	1002.239	618409.35	0.7090	P	4.2
8	☐			3844.48	0.0043	P	8.3

$$y = 7.0705\text{E-}004 * x + 3.4150\text{E-}004$$

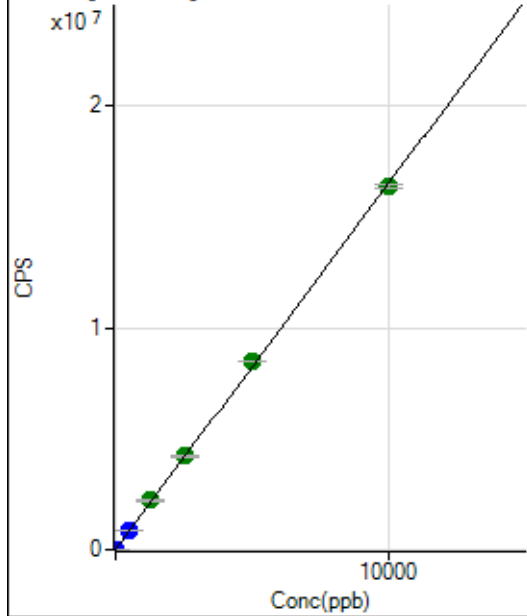
$$R = 1.0000$$

$$DL = 0.1619$$

$$BEC = 0.483$$

Weight: <None>

Min Conc: 0

63 Cu [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2938.11		P	1.7
2	☐	2.000	1.889	6055.78		P	2.6
3	☐	500.000	521.656	863814.86		P	1.2
4	☐	1250.000	1339.817	2214009.47		A	0.5
5	☐	2500.000	2553.994	4217738.17		A	1.9
6	☐	5000.000	5129.971	8468817.17		A	0.2
7	☐	10000.000	9909.206	16355884.76		A	1.0
8	☐			13713.40		P	0.6

$$y = 1650.2782 * x + 2938.1067$$

$$R = 0.9998$$

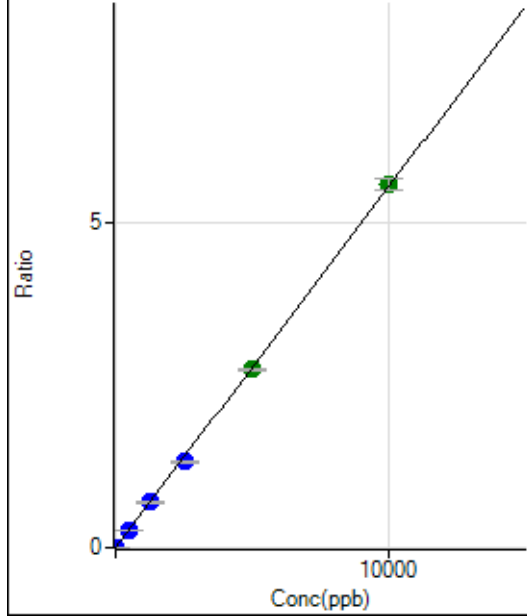
$$DL = 0.08833$$

$$BEC = 1.78$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	286.96	0.0003	P	13.5
2	☐	2.000	2.035	1334.78	0.0014	P	14.6
3	☐	500.000	473.788	255072.98	0.2637	P	4.3
4	☐	1250.000	1256.692	630025.79	0.6988	P	4.8
5	☐	2500.000	2383.396	1201598.09	1.3251	P	2.1
6	☐	5000.000	4936.516	2538518.06	2.7443	A	1.8
7	☐	10000.000	10061.367	4880038.20	5.5929	A	3.2
8	☐			11376.25	0.0127	P	1.5

$$y = 5.5585\text{E-}004 * x + 3.0915\text{E-}004$$

$$R = 0.9999$$

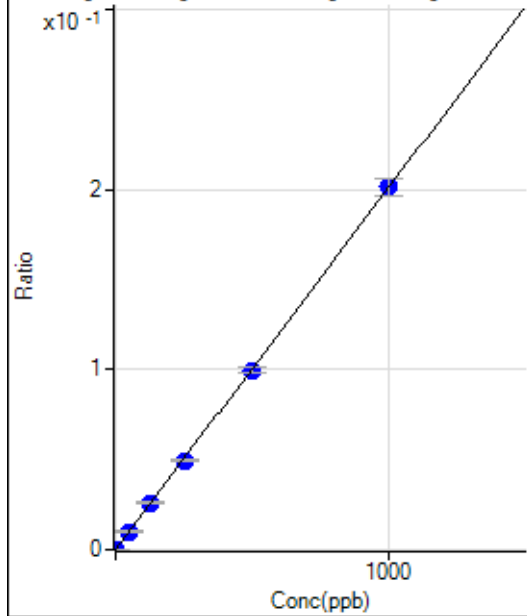
$$DL = 0.2246$$

$$BEC = 0.5562$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	83.34	0.0000	P	33.5
2	☐	1.000	0.901	547.25	0.0002	P	6.5
3	☐	50.000	49.104	26275.13	0.0099	P	5.1
4	☐	125.000	128.633	65287.74	0.0259	P	5.5
5	☐	250.000	246.315	124923.22	0.0495	P	2.5
6	☐	500.000	495.781	256376.49	0.0997	P	3.1
7	☐	1000.000	1002.622	495588.90	0.2016	P	4.8
8	☐			244.45	0.0001	P	23.3

$$y = 2.0100\text{E-}004 * x + 3.2453\text{E-}005$$

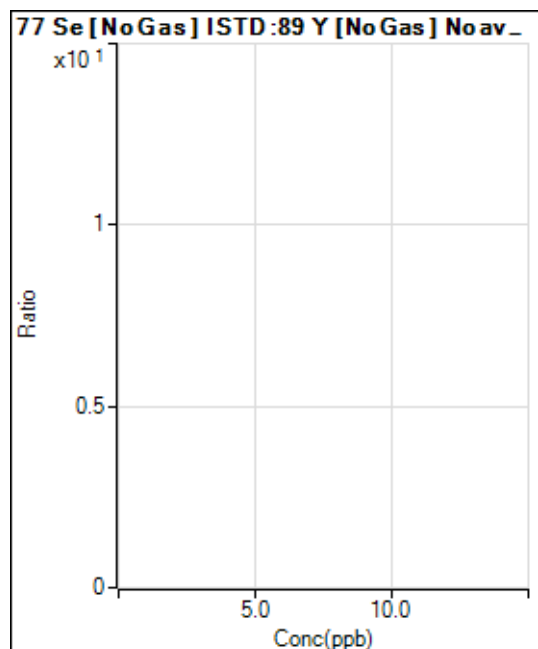
$$R = 1.0000$$

$$DL = 0.1622$$

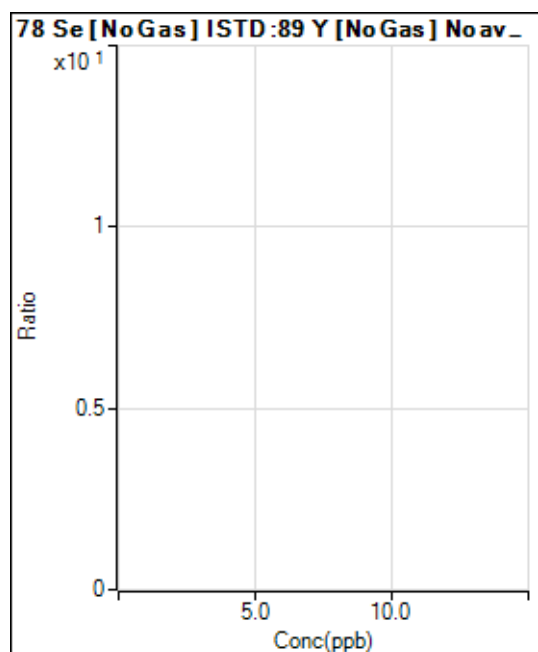
$$BEC = 0.1615$$

Weight: <None>

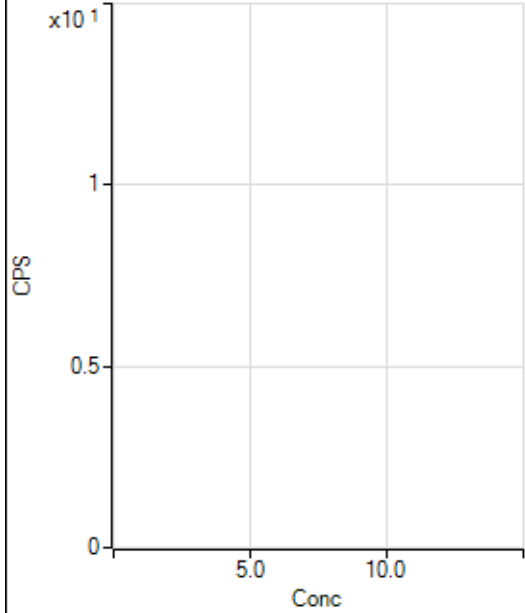
Min Conc: 0



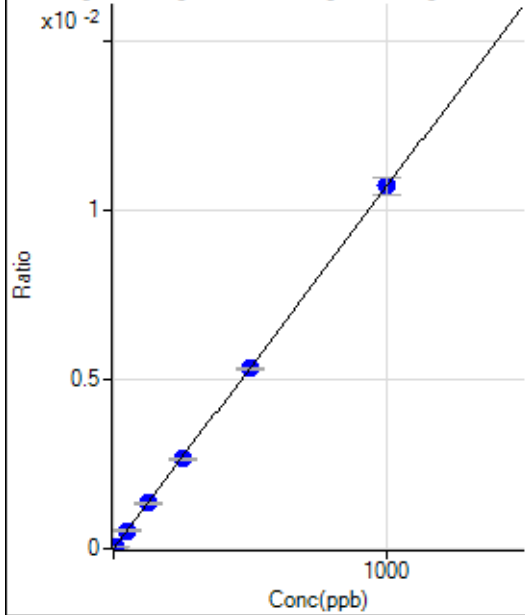
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t.	RSD
1	☐	0.000					
2	☐	5.000					
3	☐	50.000					
4	☐	125.000					
5	☐	250.000					
6	☐	500.000					
7	☐	1000.000					
8	☐						



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t.	RSD
1	☐	0.000					
2	☐	5.000					
3	☐	50.000					
4	☐	125.000					
5	☐	250.000					
6	☐	500.000					
7	☐	1000.000					
8	☐						

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1044.45		P	5.3
2	☐			1057.81		P	12.7
3	☐			1111.19		P	8.7
4	☐			1157.91		P	22.8
5	☐			1011.08		P	6.9
6	☐			1071.15		P	0.9
7	☐			914.31		P	4.9
8	☐			1695.19		P	19.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	-8.89	0.0000	P	-550.
2	☐	5.000	4.446	113.78	0.0000	P	11.5
3	☐	50.000	49.740	1406.53	0.0005	P	3.7
4	☐	125.000	125.185	3377.58	0.0013	P	4.1
5	☐	250.000	248.478	6707.27	0.0027	P	2.8
6	☐	500.000	496.723	13688.62	0.0053	P	1.1
7	☐	1000.000	1002.011	26399.67	0.0107	P	5.0
8	☐			153.34	0.0001	P	27.8

$$y = 1.0720E-005 * x - 3.4200E-006$$

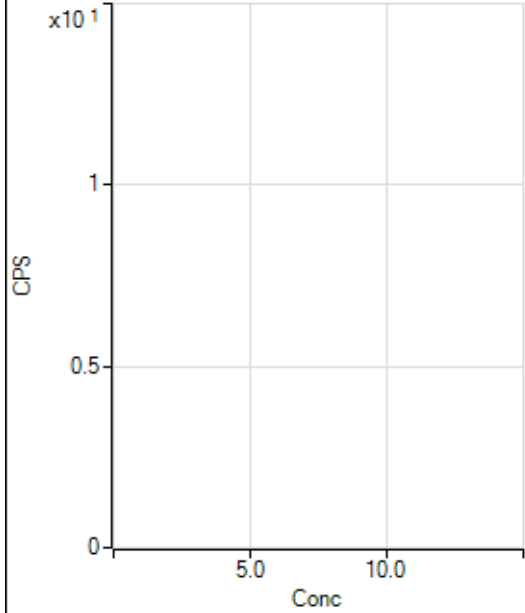
$$R = 1.0000$$

$$DL = 5.266$$

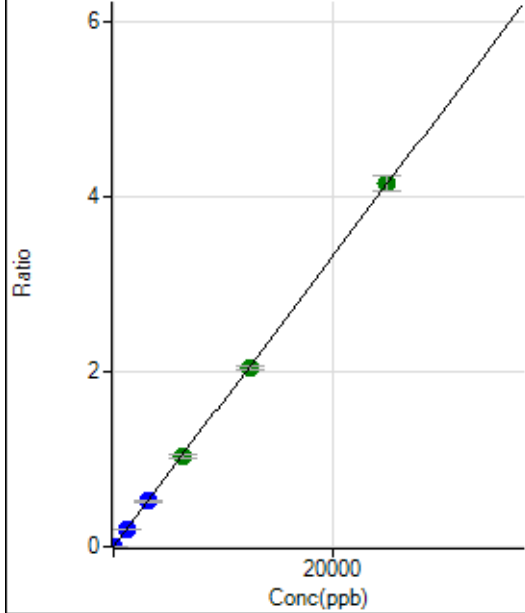
$$BEC = -0.319$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			225.56		P	16.3
2	☐			232.23		P	6.0
3	☐			201.11		P	7.5
4	☐			264.45		P	2.6
5	☐			235.56		P	11.0
6	☐			216.67		P	8.1
7	☐			210.00		P	5.7
8	☐			210.00		P	9.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	486.13	0.0002	P	10.9
2	☐	1.000	0.624	752.82	0.0003	P	16.8
3	☐	1250.000	1207.592	530821.29	0.2000	P	4.2
4	☐	3125.000	3174.236	1325389.06	0.5254	P	4.5
5	☐	6250.000	6248.609	2607196.85	1.0341	A	4.4
6	☐	12500.000	12360.895	5261275.60	2.0454	A	1.9
7	☐	25000.000	25065.866	10199595.11	4.1476	A	4.3
8	☐			1377.89	0.0005	P	7.3

$$y = 1.6546E-004 * x + 1.8980E-004$$

$$R = 1.0000$$

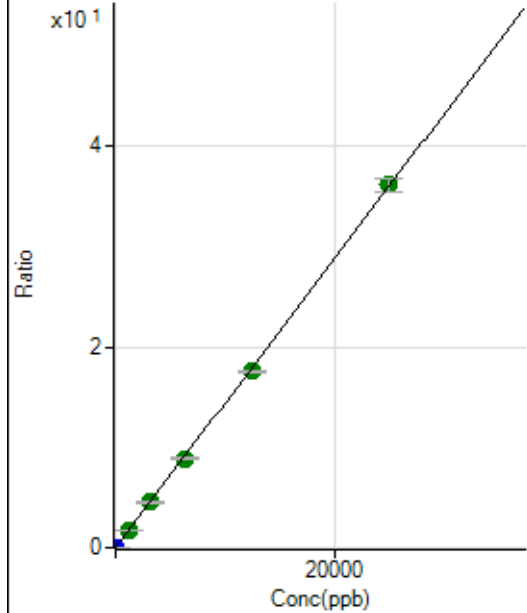
$$DL = 0.3741$$

$$BEC = 1.147$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	788.93	0.0003	P	10.8
2	☐	1.000	0.975	4386.92	0.0017	P	0.6
3	☐	1250.000	1201.773	4581221.02	1.7262	A	4.6
4	☐	3125.000	3171.123	11488371.00	4.5545	A	4.8
5	☐	6250.000	6187.137	22405123.42	8.8859	A	2.7
6	☐	12500.000	12217.319	45134899.62	17.5461	A	1.5
7	☐	25000.000	25153.702	88842718.65	36.1246	A	4.1
8	☐			8680.72	0.0034	P	4.6

$$y = 0.0014 * x + 3.0817E-004$$

$$R = 0.9999$$

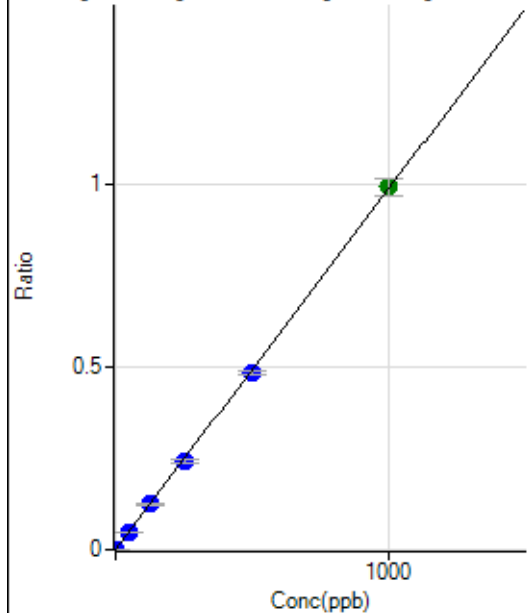
$$DL = 0.06942$$

$$BEC = 0.2146$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	80.56	0.0000	P	33.0
2	☐	1.000	0.887	2319.69	0.0009	P	9.9
3	☐	50.000	47.363	123950.31	0.0467	P	4.4
4	☐	125.000	125.665	312561.76	0.1239	P	3.5
5	☐	250.000	244.486	607526.32	0.2410	P	3.3
6	☐	500.000	490.436	1243231.54	0.4833	P	1.8
7	☐	1000.000	1006.209	2438123.58	0.9916	A	4.7
8	☐			1086.18	0.0004	P	5.0

$$y = 9.8543E-004 * x + 3.1413E-005$$

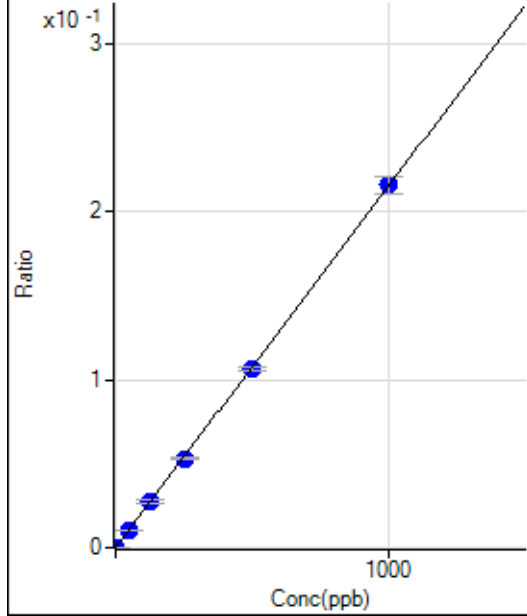
$$R = 0.9999$$

$$DL = 0.03156$$

$$BEC = 0.03188$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	25.00	0.0000	P	57.5
2	☐	1.000	0.881	511.13	0.0002	P	12.2
3	☐	50.000	48.668	27844.93	0.0105	P	4.1
4	☐	125.000	127.451	69249.97	0.0275	P	5.4
5	☐	250.000	246.899	134116.25	0.0532	P	1.2
6	☐	500.000	494.092	273722.24	0.1064	P	2.3
7	☐	1000.000	1003.489	531465.94	0.2161	P	4.4
8	☐			191.67	0.0001	P	28.8

$$y = 2.1537\text{E-}004 * x + 9.7348\text{E-}006$$

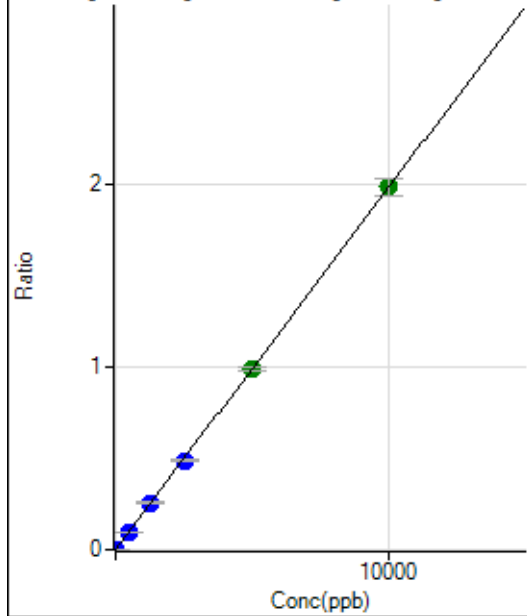
$$R = 1.0000$$

$$DL = 0.07795$$

$$BEC = 0.0452$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	55.56	0.0000	P	34.4
2	☐	5.000	5.429	2805.92	0.0011	P	9.8
3	☐	500.000	486.657	255514.42	0.0963	P	4.3
4	☐	1250.000	1285.139	641266.01	0.2542	P	4.6
5	☐	2500.000	2455.655	1224779.28	0.4857	P	1.4
6	☐	5000.000	4977.855	2532452.03	0.9846	A	2.2
7	☐	10000.000	10018.433	4872348.68	1.9815	A	4.6
8	☐			1314.00	0.0005	P	6.9

$$y = 1.9779\text{E-}004 * x + 2.1665\text{E-}005$$

$$R = 1.0000$$

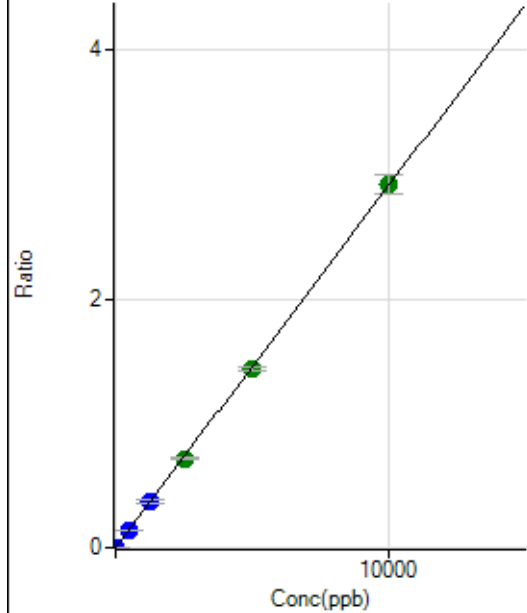
$$DL = 0.1129$$

$$BEC = 0.1095$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	25.00	0.0000	P	34.1
2	☐	5.000	4.447	3339.40	0.0013	P	6.5
3	☐	500.000	481.389	371352.17	0.1399	P	4.8
4	☐	1250.000	1275.020	934763.83	0.3707	P	5.4
5	☐	2500.000	2465.311	1807141.36	0.7167	A	1.5
6	☐	5000.000	4956.319	3705788.06	1.4408	A	2.3
7	☐	10000.000	10028.316	7166958.06	2.9152	A	5.1
8	☐			1427.90	0.0006	P	7.7

$$y = 2.9069\text{E-}004 * x + 9.7791\text{E-}006$$

$$R = 1.0000$$

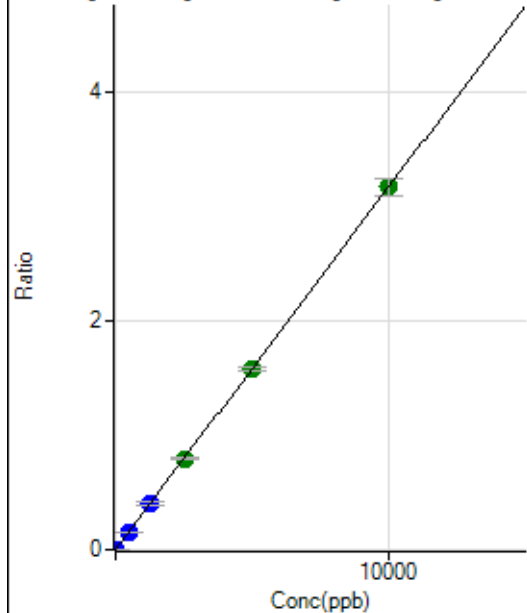
$$DL = 0.03442$$

$$BEC = 0.03364$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	50.00	0.0000	P	17.5
2	☐	5.000	4.705	3870.08	0.0015	P	4.0
3	☐	500.000	480.131	403326.48	0.1520	P	4.6
4	☐	1250.000	1271.826	1015232.41	0.4026	P	5.4
5	☐	2500.000	2514.452	2006674.98	0.7959	A	3.0
6	☐	5000.000	4974.931	4050402.43	1.5746	A	2.0
7	☐	10000.000	10007.187	7788458.60	3.1674	A	4.5
8	☐			1872.40	0.0007	P	5.8

$$y = 3.1651\text{E-}004 * x + 1.9538\text{E-}005$$

$$R = 1.0000$$

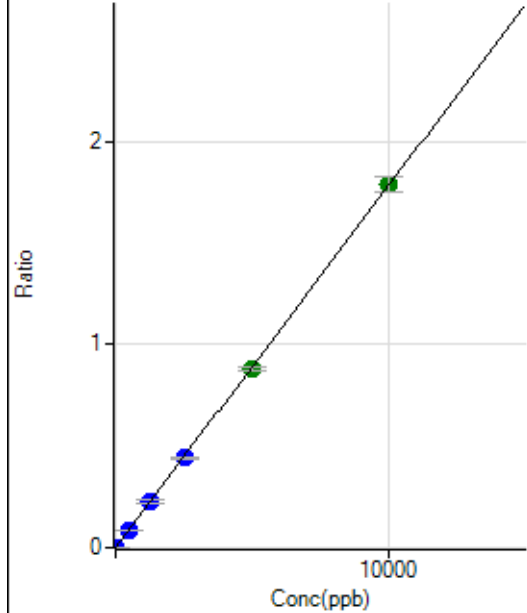
$$DL = 0.03249$$

$$BEC = 0.06173$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2.78	0.0000	P	173.2
2	☐	5.000	4.596	2102.99	0.0008	P	8.8
3	☐	500.000	484.010	229022.25	0.0863	P	5.4
4	☐	1250.000	1277.854	574886.14	0.2279	P	4.7
5	☐	2500.000	2478.027	1114337.24	0.4419	P	3.0
6	☐	5000.000	4964.472	2277361.55	0.8854	A	2.2
7	☐	10000.000	10020.575	4394633.56	1.7871	A	4.4
8	☐			933.39	0.0004	P	1.9

$$y = 1.7835E-004 * x + 1.0710E-006$$

$$R = 1.0000$$

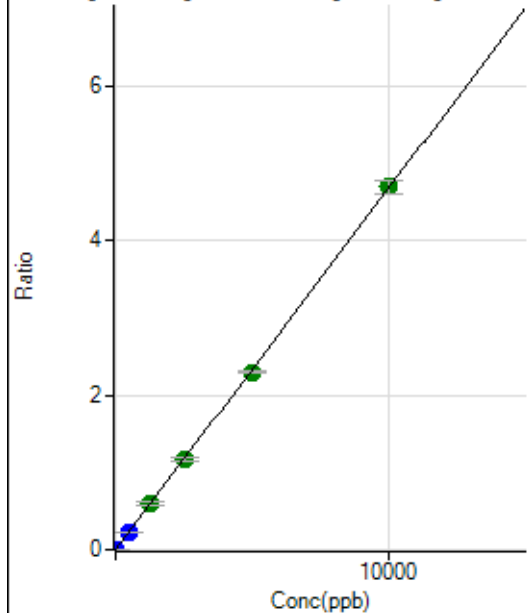
$$DL = 0.0312$$

$$BEC = 0.006005$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	27.78	0.0000	P	35.4
2	☐	5.000	4.729	5704.13	0.0022	P	3.5
3	☐	500.000	482.793	599433.45	0.2259	P	5.1
4	☐	1250.000	1279.091	1509737.90	0.5985	A	4.8
5	☐	2500.000	2508.055	2959171.49	1.1736	A	3.3
6	☐	5000.000	4901.249	5900079.13	2.2934	A	1.2
7	☐	10000.000	10044.586	11559252.95	4.7000	A	4.0
8	☐			2619.76	0.0010	P	6.9

$$y = 4.6792E-004 * x + 1.0868E-005$$

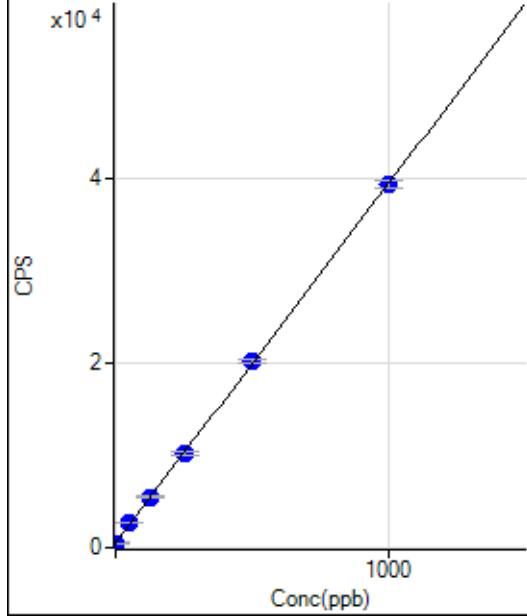
$$R = 0.9999$$

$$DL = 0.02464$$

$$BEC = 0.02323$$

Weight: <None>

Min Conc: 0

106 Cd [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	494.46		P	11.8
2	☐	1.000	0.000	494.47		P	9.9
3	☐	50.000	55.730	2664.21		P	3.2
4	☐	125.000	127.171	5445.64		P	2.9
5	☐	250.000	249.461	10206.81		P	4.0
6	☐	500.000	506.814	20226.42		P	2.5
7	☐	1000.000	996.171	39278.76		P	2.3
8	☐			513.91		P	5.0

$$y = 38.9334 * x + 494.4633$$

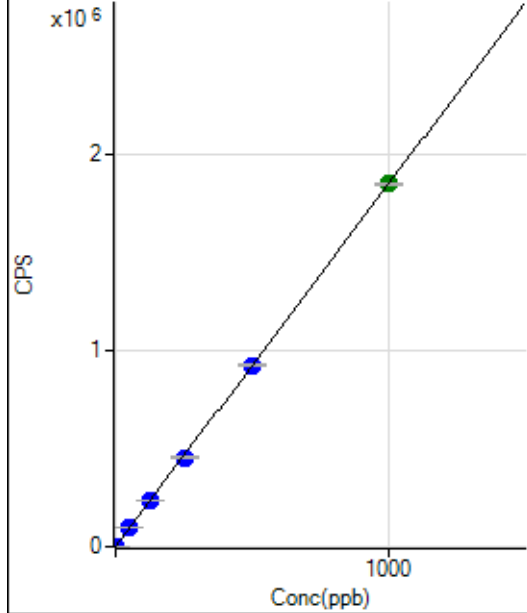
$$R = 1.0000$$

$$DL = 4.51$$

$$BEC = 12.7$$

Weight: <None>

Min Conc: 0

107 Ag [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	30.56		P	41.7
2	☐	1.000	0.961	1808.51		P	10.0
3	☐	50.000	51.170	94730.36		P	1.2
4	☐	125.000	126.427	234009.14		P	0.5
5	☐	250.000	245.395	454182.35		P	1.4
6	☐	500.000	500.840	926931.96		P	0.6
7	☐	1000.000	1000.494	1851639.65		A	0.6
8	☐			355.57		P	4.9

$$y = 1850.6942 * x + 30.5567$$

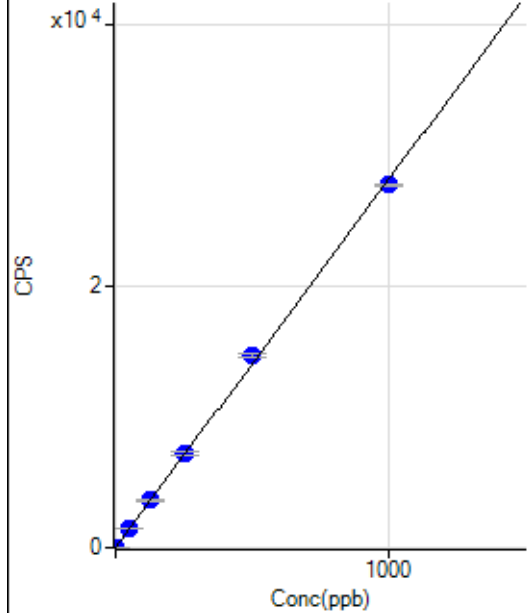
$$R = 1.0000$$

$$DL = 0.02063$$

$$BEC = 0.01651$$

Weight: <None>

Min Conc: 0

108 Cd [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	6.95		P	69.2
2	☐	1.000	0.841	30.55		P	43.8
3	☐	50.000	50.756	1432.03		P	1.2
4	☐	125.000	127.940	3599.13		P	3.4
5	☐	250.000	256.407	7206.13		P	3.1
6	☐	500.000	523.443	14703.77		P	1.9
7	☐	1000.000	986.272	27698.70		P	0.6
8	☐			38.89		P	24.7

$$y = 28.0772 * x + 6.9467$$

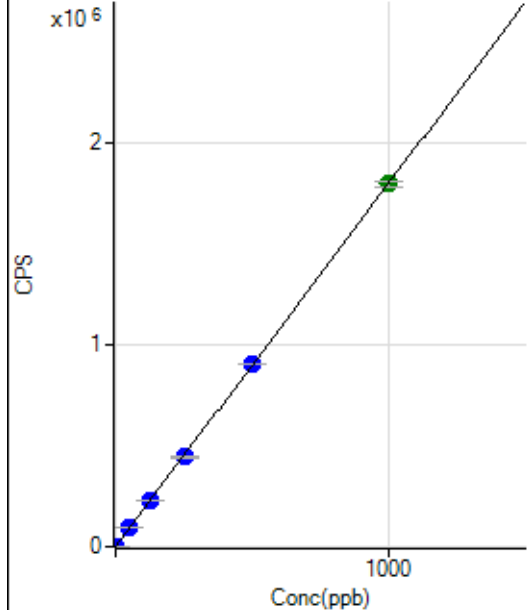
$$R = 0.9996$$

$$DL = 0.5139$$

$$BEC = 0.2474$$

Weight: <None>

Min Conc: 0

109 Ag [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	11.11		P	86.6
2	☐	1.000	0.924	1675.15		P	10.9
3	☐	50.000	50.707	91366.42		P	0.3
4	☐	125.000	127.674	230033.77		P	1.0
5	☐	250.000	247.130	445248.98		P	2.0
6	☐	500.000	502.111	904633.29		P	0.1
7	☐	1000.000	999.292	1800372.83		A	1.6
8	☐			363.90		P	11.8

$$y = 1801.6366 * x + 11.1133$$

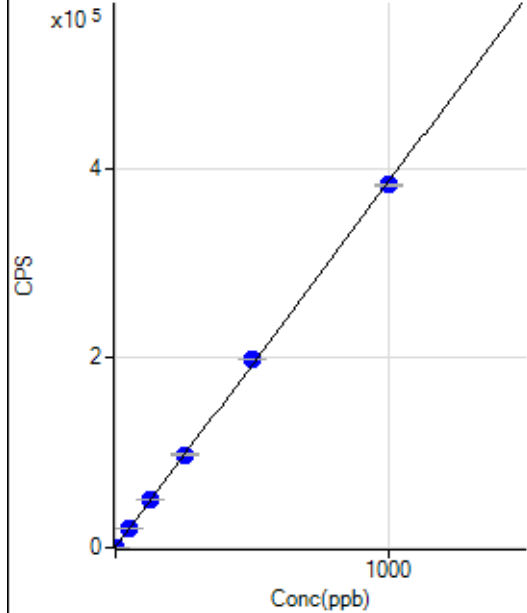
$$R = 1.0000$$

$$DL = 0.01603$$

$$BEC = 0.006168$$

Weight: <None>

Min Conc: 0

111 Cd [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	352.37		P	13.1
2	☐	1.000	0.916	705.31		P	12.3
3	☐	50.000	52.521	20593.41		P	1.7
4	☐	125.000	129.842	50392.27		P	0.8
5	☐	250.000	251.988	97466.55		P	1.9
6	☐	500.000	514.001	198443.94		P	0.7
7	☐	1000.000	991.772	382572.96		P	0.7
8	☐			553.36		P	12.8

$$y = 385.3918 * x + 352.3733$$

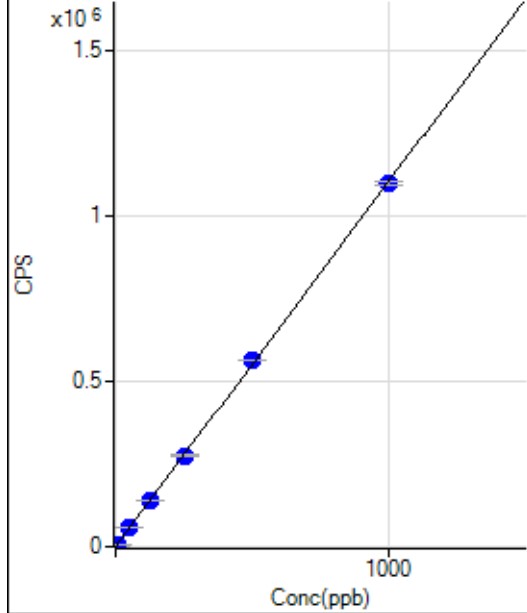
$$R = 0.9998$$

$$DL = 0.3601$$

$$BEC = 0.9143$$

Weight: <None>

Min Conc: 0

118 Sn [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	200.01		P	11.0
2	☐	5.000	5.018	5729.14		P	5.2
3	☐	50.000	52.225	57739.14		P	1.3
4	☐	125.000	128.081	141315.47		P	0.3
5	☐	250.000	249.326	274898.73		P	2.0
6	☐	500.000	510.618	562780.49		P	0.5
7	☐	1000.000	994.363	1095752.26		P	1.1
8	☐			872.29		P	2.0

$$y = 1101.7632 * x + 200.0100$$

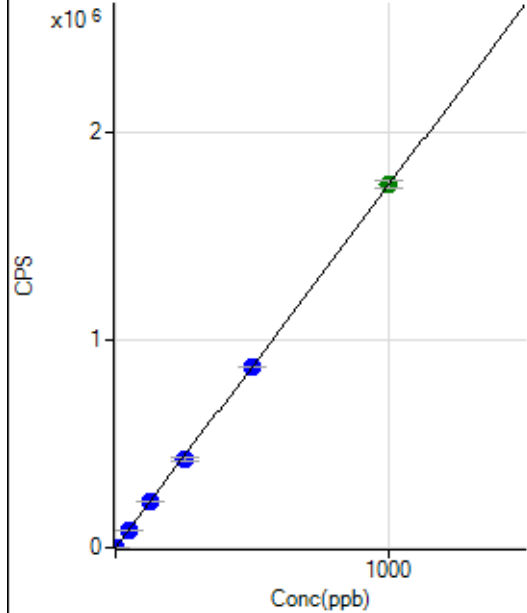
$$R = 0.9999$$

$$DL = 0.06004$$

$$BEC = 0.1815$$

Weight: <None>

Min Conc: 0

121 Sb [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	41.67		P	40.0
2	☐	2.000	1.807	3197.69		P	2.5
3	☐	50.000	50.003	87379.07		P	1.6
4	☐	125.000	126.099	220291.50		P	0.8
5	☐	250.000	244.729	427496.85		P	2.7
6	☐	500.000	499.482	872460.18		P	0.8
7	☐	1000.000	1001.440	1749202.15		A	2.2
8	☐			1044.52		P	26.8

$$y = 1746.6461 * x + 41.6667$$

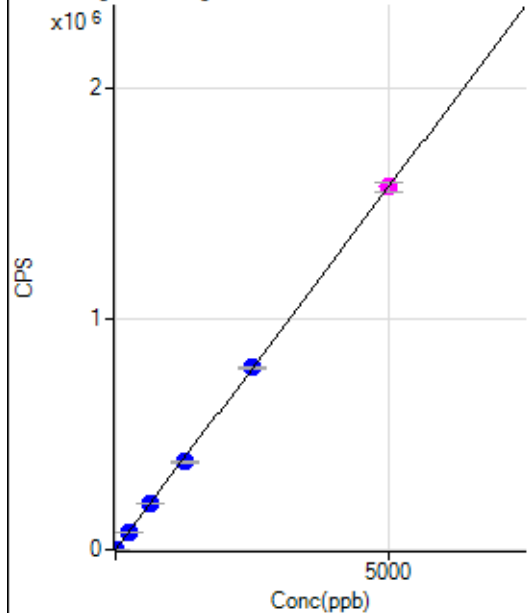
$$R = 1.0000$$

$$DL = 0.02862$$

$$BEC = 0.02386$$

Weight: <None>

Min Conc: 0

135 Ba [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	50.00		P	0.0
2	☐	10.000	8.827	2822.59		P	11.3
3	☐	250.000	246.982	77628.01		P	0.2
4	☐	625.000	631.206	198314.70		P	1.9
5	☐	1250.000	1211.693	380648.11		P	1.9
6	☐	2500.000	2511.595	788953.31		P	1.0
7	☐	5000.000	5003.157	1571564.25		M	2.4
8	☐			1047.29		P	5.2

$$y = 314.1045 * x + 50.0000$$

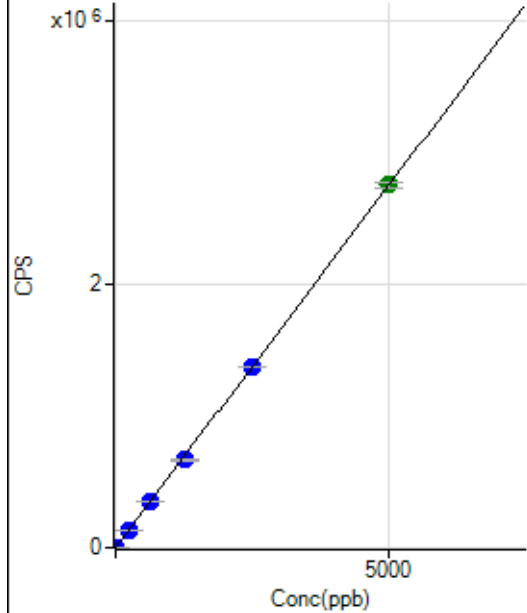
$$R = 1.0000$$

$$DL = 0$$

$$BEC = 0.1592$$

Weight: <None>

Min Conc: 0

¹³⁷Ba [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	44.44		P	60.3
2	☐	10.000	9.167	5078.88		P	3.6
3	☐	250.000	249.129	136857.77		P	0.7
4	☐	625.000	629.892	345960.58		P	0.9
5	☐	1250.000	1214.560	667041.20		P	1.7
6	☐	2500.000	2492.349	1368761.51		P	0.7
7	☐	5000.000	5012.119	2752537.24		A	1.8
8	☐			1852.96		P	4.8

$$y = 549.1675 * x + 44.4433$$

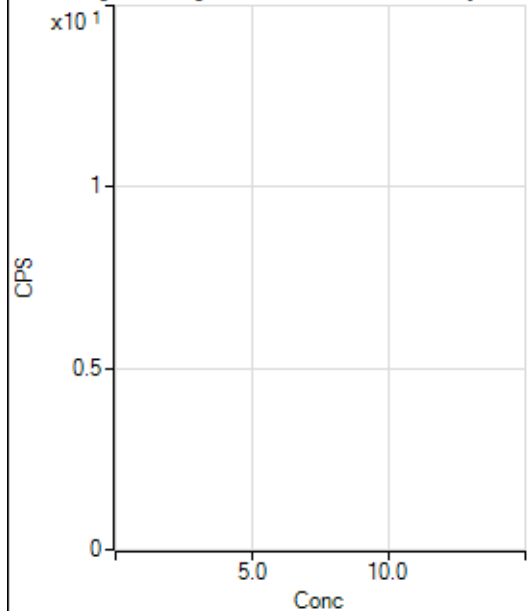
$$R = 1.0000$$

$$DL = 0.1463$$

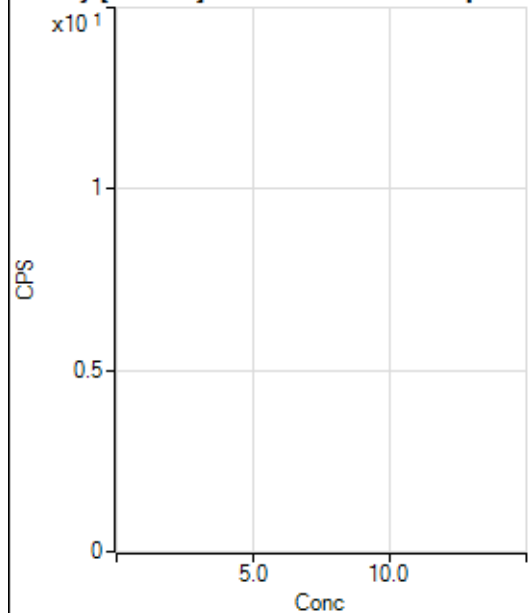
$$BEC = 0.08093$$

Weight: <None>

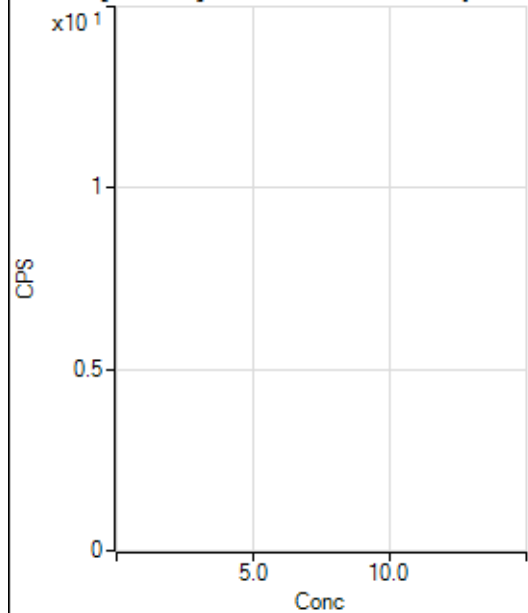
Min Conc: 0

¹⁵⁰Nd [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2.22		P	173.2
2	☐			8.89		P	43.3
3	☐			8.89		P	43.3
4	☐			17.78		P	94.4
5	☐			17.78		P	21.7
6	☐			31.11		P	65.5
7	☐			60.00		P	19.3
8	☐			53.33		P	45.1

156 Dy [No Gas] No available calibration points

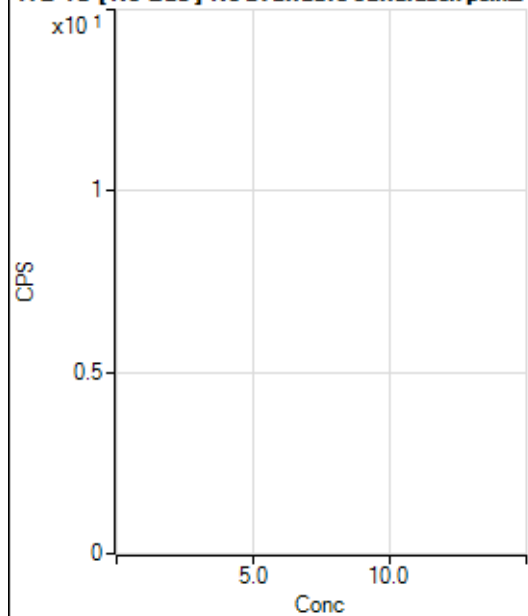
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			0.00		P	
2	☐			2.78		P	173.2
3	☐			5.55		P	86.6
4	☐			2.78		P	173.2
5	☐			22.22		P	43.3
6	☐			38.89		P	24.7
7	☐			113.89		P	23.5
8	☐			300.01		P	20.0

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

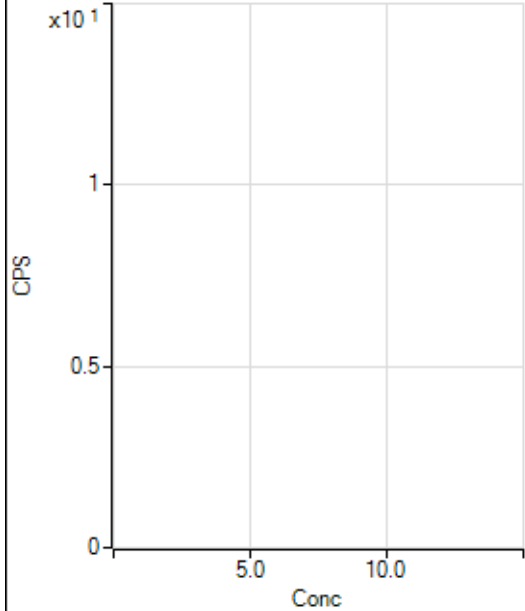
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			19.45		P	107.9
2	☐			19.44		P	89.2
3	☐			11.11		P	86.6
4	☐			27.78		P	34.6
5	☐			25.00		P	33.3
6	☐			44.45		P	28.7
7	☐			86.11		P	78.2
8	☐			347.24		P	6.9

164 Er [No Gas] No available calibration points

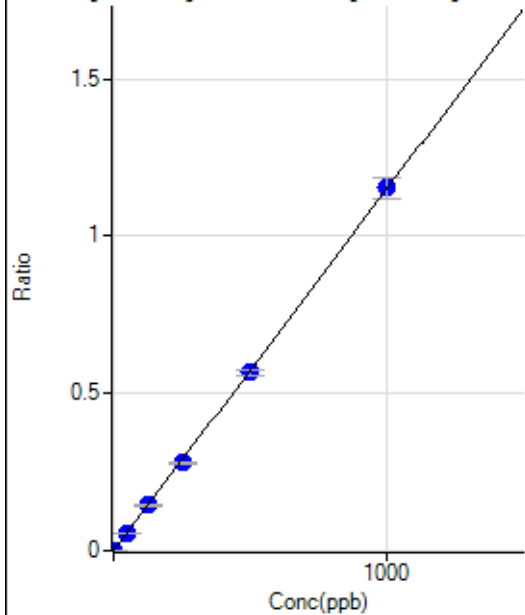
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			19.45		P	24.7
2	☐			13.89		P	34.7
3	☐			19.44		P	99.0
4	☐			16.67		P	50.0
5	☐			47.22		P	50.9
6	☐			19.45		P	24.7
7	☐			36.11		P	48.0
8	☐			47.22		P	10.2

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			11.11		P	114.6
2	☐			13.89		P	34.7
3	☐			2.78		P	173.2
4	☐			27.78		P	96.4
5	☐			25.00		P	33.3
6	☐			44.45		P	10.8
7	☐			44.44		P	39.0
8	☐			41.67		P	20.0

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			202.78		P	30.8
2	☐			188.89		P	6.7
3	☐			472.24		P	13.2
4	☐			975.06		P	6.5
5	☐			1636.26		P	4.2
6	☐			3178.28		P	5.2
7	☐			6118.23		P	4.0
8	☐			172.23		P	7.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	150.01	0.0001	P	11.9
2	☐	1.000	0.912	1400.12	0.0012	P	13.3
3	☐	50.000	47.512	67567.55	0.0546	P	5.3
4	☐	125.000	126.022	171428.62	0.1447	P	3.6
5	☐	250.000	243.510	332685.91	0.2794	P	2.8
6	☐	500.000	493.345	685861.61	0.5660	P	2.9
7	☐	1000.000	1004.946	1353207.21	1.1529	P	5.6
8	☐			527.81	0.0004	P	9.9

$$y = 0.0011 * x + 1.2452E-004$$

$$R = 0.9999$$

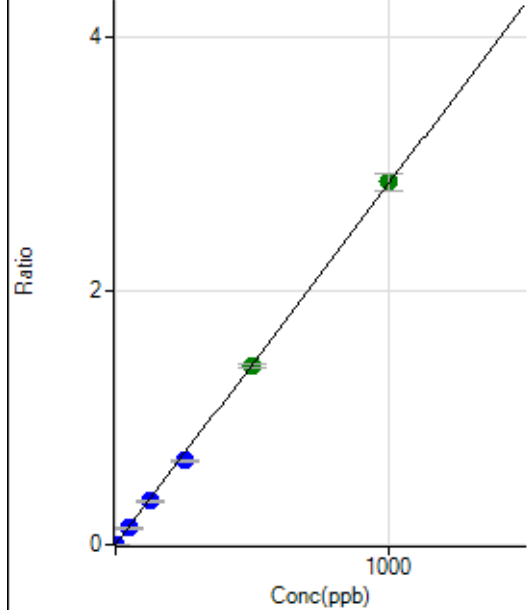
$$DL = 0.03878$$

$$BEC = 0.1086$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	300.01	0.0002	P	17.1
2	☐	1.000	0.885	3308.86	0.0028	P	3.1
3	☐	50.000	46.218	162610.74	0.1314	P	4.5
4	☐	125.000	120.420	405364.21	0.3420	P	2.4
5	☐	250.000	233.421	789161.86	0.6628	P	2.4
6	☐	500.000	497.414	1711396.35	1.4121	A	1.7
7	☐	1000.000	1006.200	3353951.97	2.8562	A	4.5
8	☐			1400.14	0.0012	P	5.6

$$y = 0.0028 * x + 2.4893E-004$$

$$R = 0.9998$$

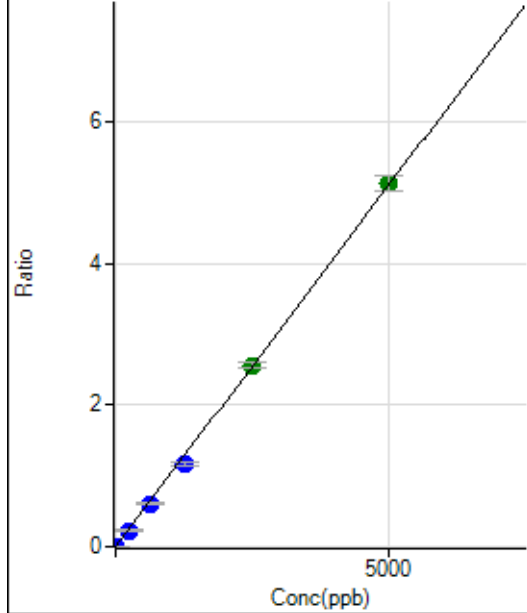
$$DL = 0.04512$$

$$BEC = 0.0877$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	364.83	0.0003	P	6.4
2	☐	1.000	0.982	1563.09	0.0013	P	2.0
3	☐	250.000	225.111	284148.08	0.2297	P	4.5
4	☐	625.000	591.508	714566.78	0.6030	P	2.9
5	☐	1250.000	1147.149	1391832.09	1.1691	P	3.1
6	☐	2500.000	2512.672	3102816.50	2.5604	A	2.5
7	☐	5000.000	5024.808	6012542.03	5.1200	A	4.3
8	☐			3115.25	0.0026	P	3.4

$$y = 0.0010 * x + 3.0246E-004$$

$$R = 0.9998$$

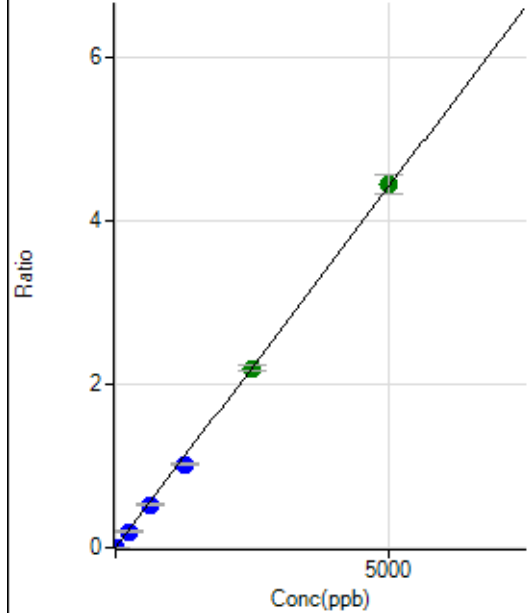
$$DL = 0.05725$$

$$BEC = 0.2969$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	392.60	0.0003	P	2.2
2	☐	1.000	0.848	1288.98	0.0011	P	4.2
3	☐	250.000	226.340	247453.02	0.2000	P	3.6
4	☐	625.000	593.388	620657.74	0.5237	P	2.4
5	☐	1250.000	1158.326	1216633.82	1.0220	P	2.9
6	☐	2500.000	2490.726	2662413.75	2.1971	A	2.9
7	☐	5000.000	5032.690	5211228.42	4.4391	A	5.2
8	☐			2859.65	0.0024	P	3.5

$$y = 8.8200\text{E-}004 * x + 3.2570\text{E-}004$$

$$R = 0.9998$$

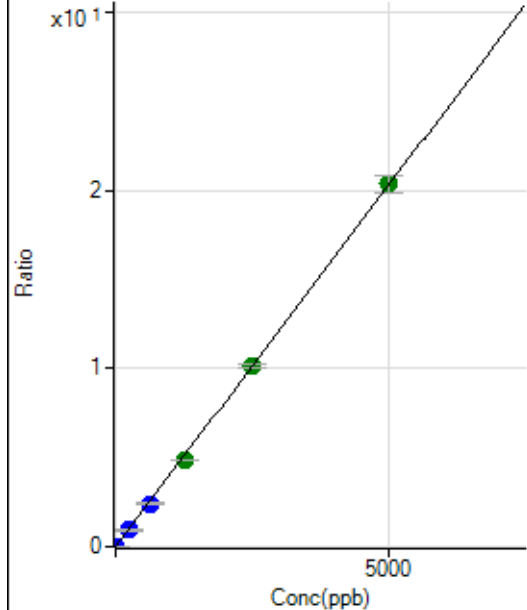
$$DL = 0.02489$$

$$BEC = 0.3693$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1633.40	0.0014	P	5.3
2	☐	1.000	0.915	6082.16	0.0051	P	1.5
3	☐	250.000	226.594	1140144.21	0.9214	P	4.0
4	☐	625.000	592.994	2855267.47	2.4091	P	2.3
5	☐	1250.000	1197.146	5788961.58	4.8621	A	2.2
6	☐	2500.000	2497.193	12288751.81	10.1407	A	2.4
7	☐	5000.000	5019.788	23934730.34	20.3832	A	4.5
8	☐			12823.26	0.0108	P	4.1

$$y = 0.0041 * x + 0.0014$$

$$R = 0.9999$$

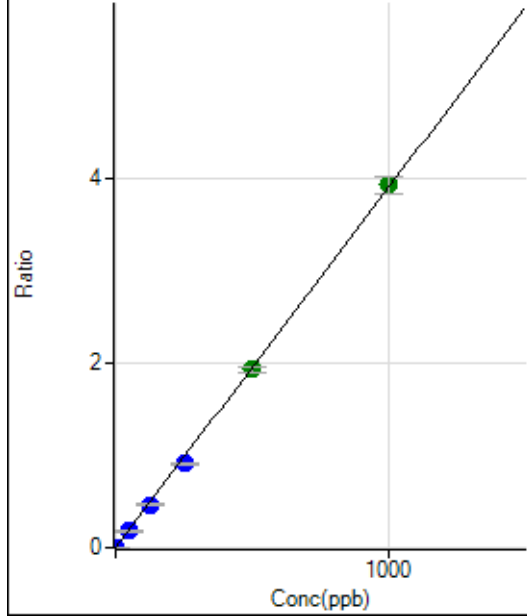
$$DL = 0.05263$$

$$BEC = 0.3336$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	16.66	0.0000	P	87.5
2	☐	1.000	0.880	4136.88	0.0035	P	4.4
3	☐	50.000	45.461	219737.79	0.1776	P	4.6
4	☐	125.000	119.625	553855.70	0.4673	P	2.5
5	☐	250.000	232.752	1082355.69	0.9093	P	3.8
6	☐	500.000	496.025	2347981.58	1.9378	A	3.2
7	☐	1000.000	1007.199	4619826.32	3.9347	A	4.8
8	☐			511.15	0.0004	P	8.9

$$y = 0.0039 * x + 1.3895E-005$$

$$R = 0.9998$$

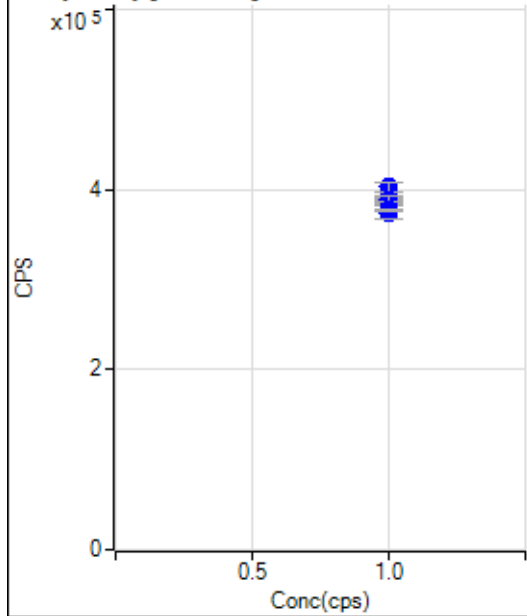
$$DL = 0.009338$$

$$BEC = 0.003557$$

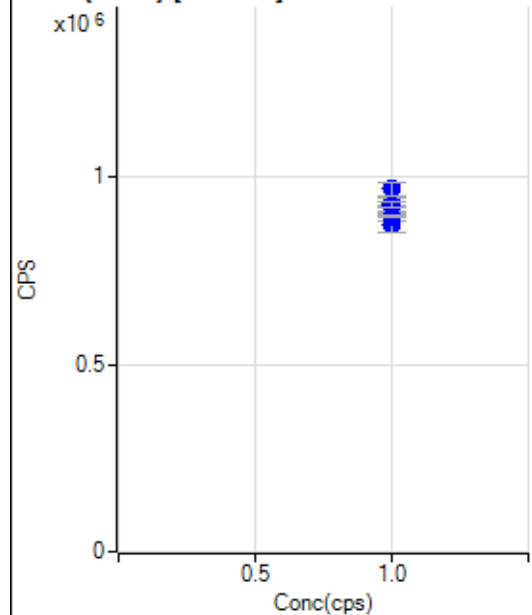
Weight: <None>

Min Conc: 0

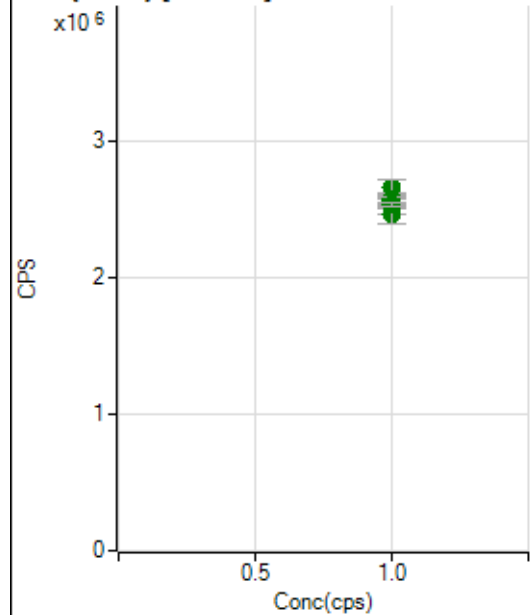
6 Li (ISTD) [No Gas]



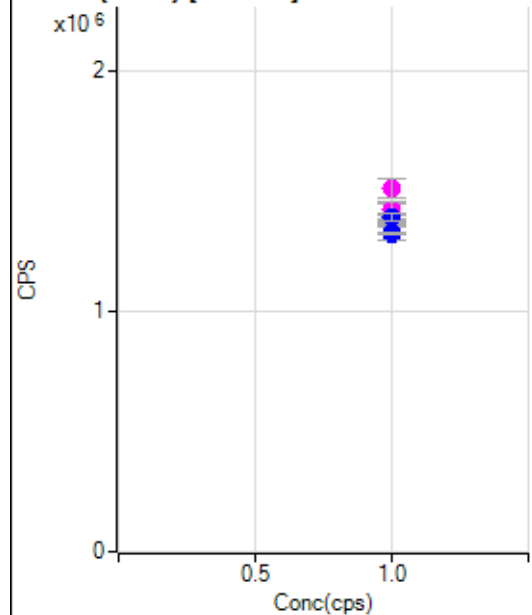
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		391458.07		P	0.4
2	☐	1.000		385869.78		P	2.4
3	☐	1.000		402724.73		P	3.0
4	☐	1.000		382959.89		P	2.7
5	☐	1.000		381527.97		P	1.6
6	☐	1.000		389001.53		P	1.8
7	☐	1.000		374514.79		P	4.3
8	☐	1.000		377108.77		P	0.7

45 Sc (ISTD) [No Gas]

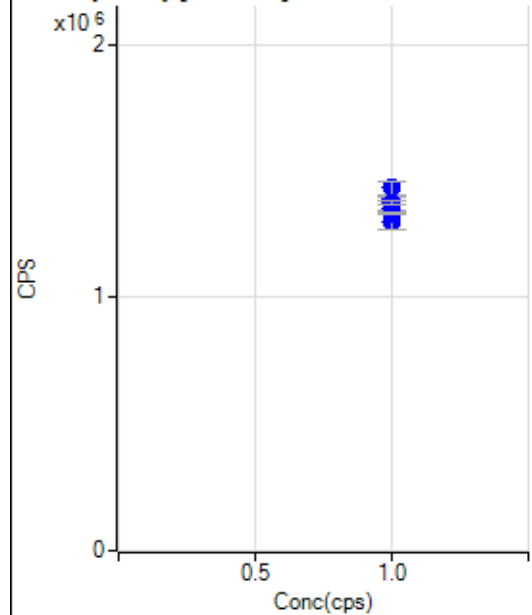
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		927755.70		P	0.9
2	☐	1.000		928521.89		P	4.0
3	☐	1.000		968435.19		P	3.6
4	☐	1.000		902763.47		P	4.3
5	☐	1.000		906810.83		P	0.9
6	☐	1.000		925204.16		P	1.6
7	☐	1.000		873301.36		P	4.3
8	☐	1.000		895338.97		P	0.6

89 Y (ISTD) [No Gas]

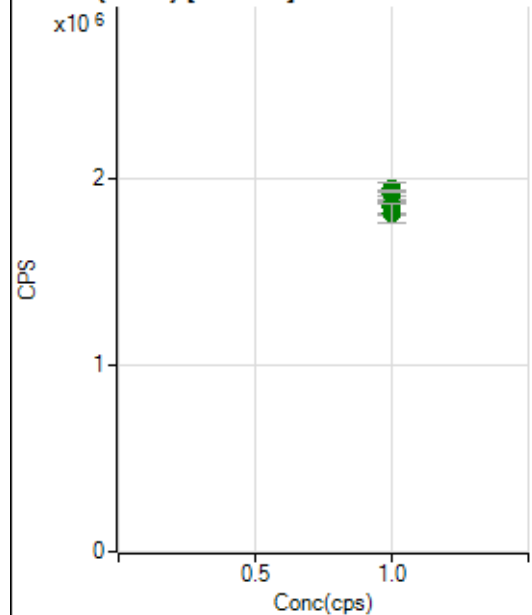
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2561990.03		A	1.0
2	☐	1.000		2567302.46		A	3.6
3	☐	1.000		2657179.91		A	4.3
4	☐	1.000		2525993.04		A	4.4
5	☐	1.000		2521755.22		A	0.8
6	☐	1.000		2572812.18		A	1.9
7	☐	1.000		2462759.74		A	5.2
8	☐	1.000		2536952.24		A	1.3

103 Rh (ISTD) [No Gas]

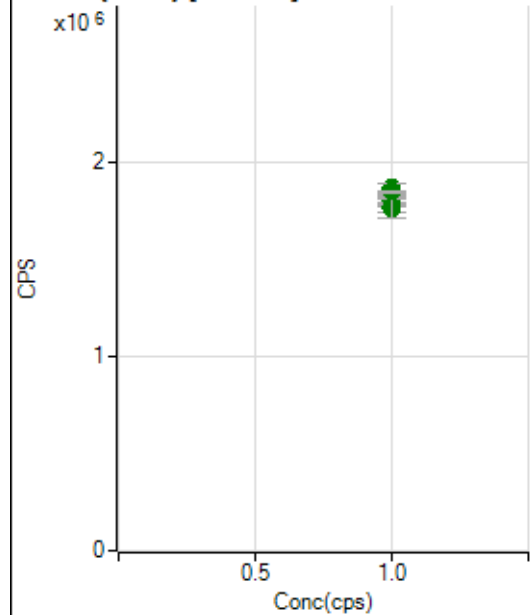
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1424988.98		M	2.8
2	☐	1.000		1419793.14		M	4.7
3	☐	1.000		1507825.57		M	5.4
4	☐	1.000		1375878.48		P	3.1
5	☐	1.000		1388301.76		M	3.1
6	☐	1.000		1389952.99		P	2.1
7	☐	1.000		1320993.70		P	4.5
8	☐	1.000		1325611.11		P	0.6

115 In (ISTD) [No Gas]

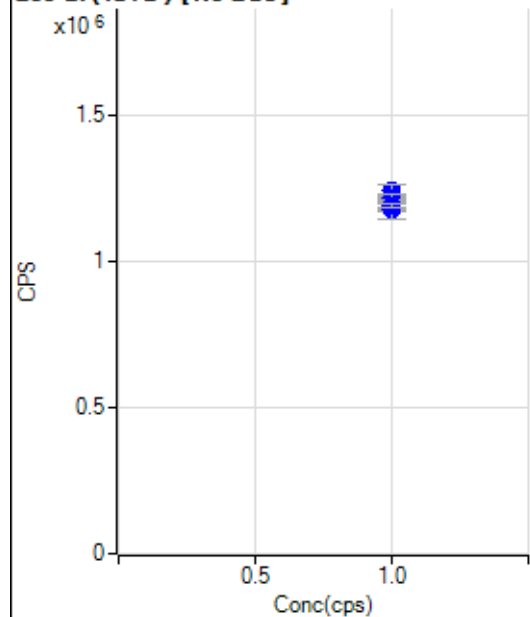
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1390636.87		P	0.8
2	☐	1.000		1374604.78		P	4.4
3	☐	1.000		1432746.51		P	3.8
4	☐	1.000		1350430.57		P	3.0
5	☐	1.000		1350622.65		P	1.9
6	☐	1.000		1374094.96		P	1.4
7	☐	1.000		1298011.87		P	5.0
8	☐	1.000		1331457.20		P	0.8

159 Tb (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1877901.53		A	0.6
2	☐	1.000		1848641.79		A	4.3
3	☐	1.000		1944541.69		A	3.4
4	☐	1.000		1840482.75		A	4.0
5	☐	1.000		1852113.51		A	3.8
6	☐	1.000		1917877.25		A	1.3
7	☐	1.000		1813423.79		A	6.0
8	☐	1.000		1931110.63		A	0.6

165 Ho (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1790257.90		A	1.9
2	☐	1.000		1786224.74		A	5.0
3	☐	1.000		1856125.32		A	3.7
4	☐	1.000		1767753.84		A	2.6
5	☐	1.000		1797049.13		A	1.4
6	☐	1.000		1866530.47		A	2.9
7	☐	1.000		1763095.98		A	6.2
8	☐	1.000		1845704.90		A	0.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1205565.88		P	1.2
2	☐	1.000		1199665.95		P	3.9
3	☐	1.000		1238689.56		P	3.9
4	☐	1.000		1185627.43		P	2.6
5	☐	1.000		1190951.98		P	2.4
6	☐	1.000		1212327.95		P	2.6
7	☐	1.000		1176071.35		P	5.2
8	☐	1.000		1191160.49		P	1.0

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8081423MS.b

Acq. Date-Time 2023-08-14 11:35:06

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		2677	26772.91			3.469	5.000
24		100170	1001700.76			3.198	5.000
25		13696	136959.00			3.062	5.000
26		15996	159962.55			3.050	5.000
59		17468	174683.39			3.496	5.000
113		1914	19137.73			3.340	5.000
115		22478	224782.59			3.651	5.000
206		5065	50648.80			3.504	5.000
207		4450	44504.50			3.389	5.000
208		10864	108639.00			3.190	5.000
220		0	3.50			24.744	

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

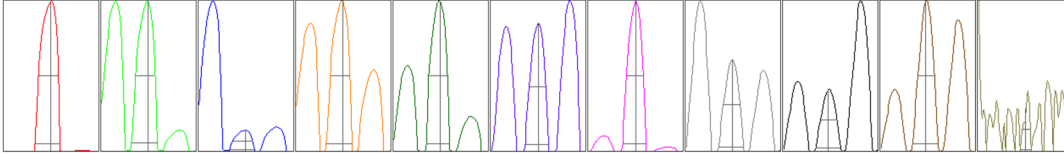
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	2826	2591	2627	2638	2705
24	104853	96600	98552	99074	101771
25	14340	13229	13571	13505	13835
26	16709	15375	15908	15836	16153
59	18380	16745	17318	17210	17689
113	2013	1844	1877	1908	1927
115	23872	21707	22157	22271	22385
206	5336	4857	4971	5073	5087
207	4675	4265	4378	4450	4485
208	11373	10441	10679	10874	10953

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	4465.80	9.00	8.90 - 9.10	
24	171137.15	24.00	23.90 - 24.10	
25	23338.65	25.00	24.90 - 25.10	
26	27270.11	26.00	25.90 - 26.10	
59	31681.88	59.00	58.90 - 59.10	
113	3797.91	113.05	112.90 - 113.10	
115	44511.11	115.05	114.90 - 115.10	
206	9918.68	206.00	205.90 - 206.10	
207	8686.58	206.95	206.90 - 207.10	
208	21342.62	207.95	207.90 - 208.10	
220	0.45	220.05	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.63	0.785	0.900	
24	0.62	0.817	0.900	
25	0.62	0.786	0.900	
26	0.62	0.820	0.900	
59	0.58	0.737	0.900	
113	0.51	0.737	0.900	
115	0.52	0.735	0.900	
206	0.53	0.783	0.900	
207	0.52	0.781	0.900	
208	0.52	0.808	0.900	
220	0.27	0.342		

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	10.7 V	Deflect	14.4 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	120 V		

QP Parameters

Mass Gain	125	Axis Gain	0.9995	QP Bias	-4.0 V
Mass Offset	124	Axis Offset	-0.01		

Hardware Settings

Torch

Torch H	1.4 mm	Torch V	-1.0 mm
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EM

Discriminator	4.5 mV	Analog HV	2304 V	Pulse HV	1648 V
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LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 15:56:00	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	-0.12	0.06	0.06	0.00	N/A	ppb
Antimony	121-1	0.00	-0.01	0.01	0.00	N/A	ppb
Arsenic	75-1	-0.03	0.06	-0.03	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	-0.04	0.06	-0.02	0.00	N/A	ppb
Beryllium	9-1	0.00	0.04	-0.03	0.00	N/A	ppb
Bismuth	209-1				100		%
Bromine	81-1						cps
Cadmium	106-1	-1.57	1.43	0.14	0.00	N/A	ppb
Cadmium	108-1	0.20	-0.10	-0.10	0.00	N/A	ppb
Cadmium	111-1	-0.13	0.11	0.02	0.00	N/A	ppb
Calcium	43-1	1.06	2.01	-3.07	0.00	N/A	ppb
Calcium	44-1	-0.30	-10.35	10.66	0.00	N/A	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	0.01	-0.02	0.01	0.00	N/A	ppb
Cobalt	59-1	0.01	-0.01	0.00	0.00	N/A	ppb
Copper	63-1	-0.03	0.00	0.03	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	-0.17	-0.86	1.04	0.00	N/A	ppb
Iron	57-1	6.47	-9.97	3.50	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.00	-0.02	0.00	N/A	ppb
Lead	207-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.02	-0.02	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-1	0.17	-0.29	0.13	0.00	N/A	ppb
Manganese	55-1	0.13	-0.05	-0.08	0.00	N/A	ppb
Molybdenum	94-1	0.02	0.02	-0.04	0.00	N/A	ppb
Molybdenum	95-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 15:56:00	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	-0.01	0.01	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	-0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Nickel	60-1	-0.04	0.06	-0.02	0.00	N/A	ppb
Phosphorus	31-1	-8.47	-10.52	-7.21	-8.73		ppb
Potassium	39-1	2.71	-13.02	10.31	0.00	N/A	ppb
Rhodium	103-1				100		%
Scandium	45-1				100		%
Selenium	82-1	-1.05	-0.98	2.03	0.00	N/A	ppb
Selenium	77-1						ppb
Selenium	78-1						ppb
Silicon	28-1	0.22	-0.57	0.35	0.00	N/A	ppb
Silver	109-1	0.00	0.00	-0.01	0.00	N/A	ppb
Silver	107-1	0.00	0.01	-0.01	0.00	N/A	ppb
Sodium	23-1	1.32	-4.92	3.60	0.00	N/A	ppb
Strontium	86-1	0.14	-0.04	-0.10	0.00	N/A	ppb
Strontium	88-1	0.02	-0.03	0.01	0.00	N/A	ppb
Sulfur	34-1	-226.64	-1104.15	65.00	-421.93		ppb
Terbium	159-1				100		%
Thallium	203-1	-0.01	0.01	0.00	0.00	N/A	ppb
Thallium	205-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Tin	118-1	-0.02	0.02	-0.01	0.00	N/A	ppb
Titanium	47-1	-0.19	0.17	0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-1	0.00	-0.01	0.01	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				100		%
Zinc	66-1	-0.07	0.08	-0.01	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.00	0.01	0.00	N/A	ppb
Zirconium	91-1	-0.03	0.01	0.02	0.00	N/A	ppb

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:02:08	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	20.71	19.92	18.89	19.84	4.62	ppb
Antimony	121-1	1.80	1.86	1.77	1.81	2.54	ppb
Arsenic	75-1	0.98	0.87	0.85	0.90	7.63	ppb
Barium	135-1	9.90	8.70	7.88	8.83	11.49	ppb
Barium	137-1	9.34	8.78	9.37	9.17	3.64	ppb
Beryllium	9-1	1.02	1.12	1.07	1.07	4.62	ppb
Bismuth	209-1				100		%
Bromine	81-1						cps
Cadmium	106-1	-0.93	1.43	-0.50	0.00	732507.12	ppb
Cadmium	108-1	0.64	0.49	1.38	0.84	56.74	ppb
Cadmium	111-1	0.75	1.17	0.83	0.92	24.55	ppb
Calcium	43-1	477.72	469.83	439.62	462.39	4.35	ppb
Calcium	44-1	513.64	463.65	413.63	463.64	10.79	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	2.17	2.12	1.66	1.98	14.19	ppb
Cobalt	59-1	0.93	0.91	0.94	0.93	1.60	ppb
Copper	63-1	1.78	1.92	1.96	1.89	5.03	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	66.92	54.17	42.88	54.66	22.00	ppb
Iron	57-1	74.56	55.49	39.86	56.64	30.68	ppb
Krypton	83-1						cps
Lead	206-1	1.01	0.95	0.99	0.98	2.66	ppb
Lead	207-1	0.79	0.87	0.89	0.85	5.98	ppb
Lead	208-1	0.92	0.90	0.93	0.91	2.02	ppb
Lithium	6-1				99		%
Magnesium	24-1	491.32	464.32	458.32	471.32	3.73	ppb
Manganese	55-1	1.09	1.15	0.90	1.05	12.39	ppb
Molybdenum	94-1	6.01	5.34	4.93	5.43	10.03	ppb
Molybdenum	95-1	4.78	4.26	4.30	4.45	6.53	ppb
Molybdenum	96-1	4.93	4.57	4.62	4.70	4.07	ppb

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:02:08	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	4.93	4.72	4.14	4.60	8.83	ppb
Molybdenum	98-1	4.91	4.68	4.60	4.73	3.50	ppb
Neodymium	150-1						cps
Nickel	60-1	1.26	1.17	0.76	1.06	24.92	ppb
Phosphorus	31-1	16.76	5.16	4.27	8.73	79.79	ppb
Potassium	39-1	540.34	436.06	385.92	454.10	17.35	ppb
Rhodium	103-1				100		%
Scandium	45-1				100		%
Selenium	82-1	4.29	4.07	4.98	4.45	10.66	ppb
Selenium	77-1						ppb
Selenium	78-1						ppb
Silicon	28-1	2.71	1.04	-0.80	0.98	178.72	ppb
Silver	109-1	0.81	0.95	1.01	0.92	10.99	ppb
Silver	107-1	0.85	1.02	1.01	0.96	10.15	ppb
Sodium	23-1	505.62	457.58	423.78	462.32	8.90	ppb
Strontium	86-1	0.44	0.97	0.46	0.62	47.53	ppb
Strontium	88-1	0.98	0.97	0.97	0.98	0.68	ppb
Sulfur	34-1	3605.09	592.02	-2931.31	421.93	775.37	ppb
Terbium	159-1				98		%
Thallium	203-1	1.06	0.81	0.86	0.91	14.83	ppb
Thallium	205-1	0.91	0.89	0.85	0.88	3.40	ppb
Tin	118-1	5.33	4.91	4.82	5.02	5.39	ppb
Titanium	47-1	4.46	4.85	4.83	4.71	4.72	ppb
Uranium	238-1	0.91	0.90	0.84	0.88	4.46	ppb
Vanadium	51-1	4.57	4.53	4.56	4.56	0.43	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				100		%
Zinc	66-1	2.03	2.42	1.66	2.04	18.60	ppb
Zirconium	90-1	0.99	0.85	0.82	0.89	10.25	ppb
Zirconium	91-1	1.00	0.78	0.86	0.88	12.80	ppb

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:05:11	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	1003.79	985.81	1080.56	1023.39	4.92	ppb
Antimony	121-1	49.10	50.33	50.57	50.00	1.57	ppb
Arsenic	75-1	47.28	48.06	51.97	49.10	5.11	ppb
Barium	135-1	247.47	246.56	246.91	246.98	0.19	ppb
Barium	137-1	249.21	250.78	247.39	249.13	0.68	ppb
Beryllium	9-1	48.40	48.89	51.91	49.73	3.83	ppb
Bismuth	209-1				103		%
Bromine	81-1						cps
Cadmium	106-1	56.66	53.23	57.30	55.73	3.92	ppb
Cadmium	108-1	50.06	51.10	51.10	50.76	1.18	ppb
Cadmium	111-1	52.99	51.46	53.11	52.52	1.75	ppb
Calcium	43-1	5204.05	5202.28	5559.58	5321.97	3.87	ppb
Calcium	44-1	4966.18	5027.24	5407.65	5133.69	4.66	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	44.94	45.56	49.98	46.83	5.87	ppb
Cobalt	59-1	46.18	46.96	49.41	47.52	3.54	ppb
Copper	63-1	514.68	523.89	526.39	521.66	1.18	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				104		%
Indium	115-1				103		%
Iron	54-1						ppb
Iron	56-1	2457.36	2447.41	2628.00	2510.92	4.04	ppb
Iron	57-1	2463.21	2471.03	2691.87	2542.04	5.11	ppb
Krypton	83-1						cps
Lead	206-1	218.78	219.67	236.87	225.11	4.53	ppb
Lead	207-1	222.37	220.97	235.68	226.34	3.59	ppb
Lead	208-1	221.49	221.30	237.00	226.59	3.98	ppb
Lithium	6-1				103		%
Magnesium	24-1	4843.86	4880.80	5160.71	4961.79	3.49	ppb
Manganese	55-1	472.30	472.79	500.06	481.72	3.30	ppb
Molybdenum	94-1	470.61	479.23	510.13	486.66	4.27	ppb
Molybdenum	95-1	462.27	474.58	507.32	481.39	4.84	ppb
Molybdenum	96-1	459.78	477.21	503.40	480.13	4.57	ppb

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:05:11	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	459.79	480.35	511.89	484.01	5.42	ppb
Molybdenum	98-1	464.14	473.27	510.97	482.79	5.14	ppb
Neodymium	150-1						cps
Nickel	60-1	47.68	48.01	50.12	48.61	2.72	ppb
Phosphorus	31-1	920.70	939.17	1003.56	954.48	4.56	ppb
Potassium	39-1	2292.91	2333.58	2549.67	2392.05	5.77	ppb
Rhodium	103-1				106		%
Scandium	45-1				104		%
Selenium	82-1	49.38	48.12	51.72	49.74	3.68	ppb
Selenium	77-1						ppb
Selenium	78-1						ppb
Silicon	28-1	62.93	63.59	71.35	65.95	7.10	ppb
Silver	109-1	50.70	50.56	50.86	50.71	0.29	ppb
Silver	107-1	50.64	51.87	51.00	51.17	1.24	ppb
Sodium	23-1	4760.82	4775.22	5154.72	4896.92	4.56	ppb
Strontium	86-1	1175.34	1181.43	1266.00	1207.59	4.20	ppb
Strontium	88-1	1172.01	1167.42	1265.89	1201.77	4.62	ppb
Sulfur	34-1	-2909.67	-2626.91	2713.16	-941.14		ppb
Terbium	159-1				104		%
Thallium	203-1	45.83	46.27	50.43	47.51	5.35	ppb
Thallium	205-1	44.75	45.28	48.63	46.22	4.55	ppb
Tin	118-1	52.01	51.68	52.98	52.22	1.30	ppb
Titanium	47-1	470.53	467.06	497.89	478.50	3.53	ppb
Uranium	238-1	44.13	44.38	47.88	45.46	4.61	ppb
Vanadium	51-1	46.02	45.36	49.44	46.94	4.67	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				104		%
Zinc	66-1	461.21	462.76	497.40	473.79	4.32	ppb
Zirconium	90-1	45.74	46.66	49.69	47.36	4.36	ppb
Zirconium	91-1	46.98	48.18	50.84	48.67	4.06	ppb

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:08:16	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	2668.40	2529.50	2802.05	2666.65	5.11	ppb
Antimony	121-1	127.11	126.09	125.10	126.10	0.80	ppb
Arsenic	75-1	129.95	120.98	134.97	128.63	5.51	ppb
Barium	135-1	644.85	622.05	626.73	631.21	1.91	ppb
Barium	137-1	635.40	630.23	624.05	629.89	0.90	ppb
Beryllium	9-1	129.57	125.52	134.17	129.75	3.33	ppb
Bismuth	209-1				98		%
Bromine	81-1						cps
Cadmium	106-1	130.53	128.38	122.60	127.17	3.22	ppb
Cadmium	108-1	132.89	126.06	124.87	127.94	3.38	ppb
Cadmium	111-1	131.04	129.03	129.46	129.84	0.82	ppb
Calcium	43-1	14264.83	13588.32	14835.64	14229.60	4.39	ppb
Calcium	44-1	13987.53	13185.67	14374.81	13849.34	4.38	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	126.56	119.42	134.10	126.69	5.79	ppb
Cobalt	59-1	126.96	120.70	131.00	126.22	4.11	ppb
Copper	63-1	1332.37	1340.78	1346.30	1339.82	0.52	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				99		%
Indium	115-1				97		%
Iron	54-1						ppb
Iron	56-1	6765.57	6495.35	7117.99	6792.97	4.60	ppb
Iron	57-1	6885.27	6525.85	7138.23	6849.78	4.49	ppb
Krypton	83-1						cps
Lead	206-1	595.22	572.93	606.37	591.51	2.88	ppb
Lead	207-1	596.86	577.74	605.56	593.39	2.40	ppb
Lead	208-1	598.46	577.54	602.97	592.99	2.29	ppb
Lithium	6-1				98		%
Magnesium	24-1	13110.69	12684.00	13880.28	13224.99	4.58	ppb
Manganese	55-1	1285.90	1232.51	1343.08	1287.16	4.30	ppb
Molybdenum	94-1	1277.66	1230.43	1347.32	1285.14	4.58	ppb
Molybdenum	95-1	1270.46	1207.99	1346.61	1275.02	5.44	ppb
Molybdenum	96-1	1271.42	1202.83	1341.23	1271.83	5.44	ppb

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:08:16	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	1279.93	1217.41	1336.22	1277.85	4.65	ppb
Molybdenum	98-1	1268.18	1223.33	1345.76	1279.09	4.84	ppb
Neodymium	150-1						cps
Nickel	60-1	134.43	124.79	134.16	131.13	4.18	ppb
Phosphorus	31-1	2632.21	2456.83	2694.90	2594.65	4.76	ppb
Potassium	39-1	6557.67	6196.95	6870.66	6541.76	5.15	ppb
Rhodium	103-1				97		%
Scandium	45-1				97		%
Selenium	82-1	128.39	119.35	127.81	125.19	4.04	ppb
Selenium	77-1						ppb
Selenium	78-1						ppb
Silicon	28-1	138.12	130.19	144.71	137.67	5.28	ppb
Silver	109-1	129.12	126.94	126.97	127.67	0.98	ppb
Silver	107-1	126.14	127.13	126.01	126.43	0.49	ppb
Sodium	23-1	13136.38	12585.16	13852.70	13191.41	4.82	ppb
Strontium	86-1	3178.97	3027.82	3315.92	3174.24	4.54	ppb
Strontium	88-1	3161.89	3023.47	3328.01	3171.12	4.81	ppb
Sulfur	34-1	3308.06	-473.77	5828.88	2887.72	109.85	ppb
Terbium	159-1				98		%
Thallium	203-1	125.93	121.56	130.57	126.02	3.58	ppb
Thallium	205-1	120.34	117.60	123.32	120.42	2.38	ppb
Tin	118-1	128.15	127.65	128.44	128.08	0.31	ppb
Titanium	47-1	1275.62	1233.01	1338.30	1282.31	4.13	ppb
Uranium	238-1	118.24	117.59	123.05	119.62	2.49	ppb
Vanadium	51-1	127.18	121.30	133.12	127.20	4.64	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				99		%
Zinc	66-1	1260.09	1195.09	1314.90	1256.69	4.77	ppb
Zirconium	90-1	125.62	121.30	130.07	125.66	3.49	ppb
Zirconium	91-1	126.64	120.98	134.73	127.45	5.42	ppb

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:11:20	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	5010.80	5155.71	5093.23	5086.58	1.43	ppb
Antimony	121-1	237.70	245.41	251.08	244.73	2.74	ppb
Arsenic	75-1	239.68	247.28	251.98	246.31	2.52	ppb
Barium	135-1	1187.75	1212.50	1234.83	1211.69	1.94	ppb
Barium	137-1	1192.52	1217.56	1233.60	1214.56	1.70	ppb
Beryllium	9-1	239.58	252.97	252.07	248.21	3.02	ppb
Bismuth	209-1				99		%
Bromine	81-1						cps
Cadmium	106-1	237.82	252.39	258.17	249.46	4.20	ppb
Cadmium	108-1	250.02	254.03	265.17	256.41	3.06	ppb
Cadmium	111-1	246.57	253.35	256.05	251.99	1.94	ppb
Calcium	43-1	26511.37	27530.39	27364.04	27135.27	2.01	ppb
Calcium	44-1	26406.86	27478.77	27245.93	27043.85	2.08	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	238.50	241.88	243.78	241.39	1.11	ppb
Cobalt	59-1	230.51	246.06	242.86	239.81	3.43	ppb
Copper	63-1	2502.22	2560.27	2599.49	2553.99	1.92	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				100		%
Indium	115-1				97		%
Iron	54-1						ppb
Iron	56-1	12526.45	12926.43	12886.99	12779.96	1.72	ppb
Iron	57-1	12654.85	13278.17	13224.25	13052.42	2.65	ppb
Krypton	83-1						cps
Lead	206-1	1109.02	1178.05	1154.38	1147.15	3.06	ppb
Lead	207-1	1123.80	1190.98	1160.20	1158.33	2.90	ppb
Lead	208-1	1168.98	1220.99	1201.48	1197.15	2.19	ppb
Lithium	6-1				97		%
Magnesium	24-1	24745.70	25555.05	25738.31	25346.36	2.08	ppb
Manganese	55-1	2402.01	2508.13	2465.87	2458.67	2.17	ppb
Molybdenum	94-1	2415.98	2478.02	2472.96	2455.66	1.40	ppb
Molybdenum	95-1	2425.69	2473.08	2497.16	2465.31	1.47	ppb
Molybdenum	96-1	2427.03	2553.89	2562.43	2514.45	3.02	ppb

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:11:20	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	2393.32	2505.74	2535.03	2478.03	3.02	ppb
Molybdenum	98-1	2426.24	2505.44	2592.49	2508.05	3.32	ppb
Neodymium	150-1						cps
Nickel	60-1	241.03	260.86	244.54	248.81	4.25	ppb
Phosphorus	31-1	4876.93	5073.02	5066.59	5005.51	2.23	ppb
Potassium	39-1	12194.66	12534.16	12715.80	12481.54	2.12	ppb
Rhodium	103-1				97		%
Scandium	45-1				98		%
Selenium	82-1	240.88	254.19	250.37	248.48	2.76	ppb
Selenium	77-1						ppb
Selenium	78-1						ppb
Silicon	28-1	252.31	259.12	258.32	256.59	1.45	ppb
Silver	109-1	241.67	248.83	250.88	247.13	1.96	ppb
Silver	107-1	241.67	248.25	246.26	245.40	1.38	ppb
Sodium	23-1	25003.18	25653.25	25992.71	25549.71	1.97	ppb
Strontium	86-1	5933.49	6389.12	6423.22	6248.61	4.38	ppb
Strontium	88-1	5996.97	6294.03	6270.41	6187.14	2.67	ppb
Sulfur	34-1	1654.97	2646.62	2578.13	2293.24	24.15	ppb
Terbium	159-1				99		%
Thallium	203-1	236.32	249.75	244.46	243.51	2.78	ppb
Thallium	205-1	227.04	236.92	236.31	233.42	2.37	ppb
Tin	118-1	243.80	251.22	252.96	249.33	1.95	ppb
Titanium	47-1	2359.11	2471.09	2466.93	2432.38	2.61	ppb
Uranium	238-1	223.54	241.11	233.61	232.75	3.79	ppb
Vanadium	51-1	237.76	247.60	246.29	243.88	2.19	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				98		%
Zinc	66-1	2332.92	2384.89	2432.37	2383.40	2.09	ppb
Zirconium	90-1	235.48	251.32	246.66	244.49	3.33	ppb
Zirconium	91-1	245.60	244.89	250.20	246.90	1.17	ppb

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:14:25	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	10276.21	10161.17	10172.88	10203.42	0.62	ppb
Antimony	121-1	503.15	494.95	500.34	499.48	0.83	ppb
Arsenic	75-1	511.77	493.96	481.62	495.78	3.06	ppb
Barium	135-1	2494.95	2540.72	2499.11	2511.59	1.01	ppb
Barium	137-1	2478.32	2510.48	2488.25	2492.35	0.66	ppb
Beryllium	9-1	511.54	497.48	489.30	499.44	2.25	ppb
Bismuth	209-1				101		%
Bromine	81-1						cps
Cadmium	106-1	515.32	513.39	491.74	506.81	2.58	ppb
Cadmium	108-1	512.90	532.95	524.48	523.44	1.92	ppb
Cadmium	111-1	518.40	511.67	511.94	514.00	0.74	ppb
Calcium	43-1	54633.47	54564.69	53329.10	54175.76	1.35	ppb
Calcium	44-1	54160.07	54048.70	52446.00	53551.59	1.79	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	490.10	501.01	484.11	491.74	1.74	ppb
Cobalt	59-1	494.83	495.72	489.05	493.20	0.73	ppb
Copper	63-1	5129.68	5121.18	5139.06	5129.97	0.17	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				104		%
Indium	115-1				99		%
Iron	54-1						ppb
Iron	56-1	25729.23	25679.76	25058.09	25489.03	1.47	ppb
Iron	57-1	26369.67	26772.53	25538.98	26227.06	2.40	ppb
Krypton	83-1						cps
Lead	206-1	2557.09	2538.64	2442.29	2512.67	2.45	ppb
Lead	207-1	2571.98	2464.37	2435.83	2490.73	2.88	ppb
Lead	208-1	2554.89	2501.97	2434.72	2497.19	2.41	ppb
Lithium	6-1				99		%
Magnesium	24-1	51797.01	50641.52	49505.39	50647.98	2.26	ppb
Manganese	55-1	4889.99	4968.55	4812.51	4890.35	1.60	ppb
Molybdenum	94-1	5102.13	4931.85	4899.58	4977.86	2.19	ppb
Molybdenum	95-1	5081.55	4929.36	4858.05	4956.32	2.30	ppb
Molybdenum	96-1	5082.03	4889.01	4953.75	4974.93	1.97	ppb

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:14:25	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	5087.84	4908.29	4897.29	4964.47	2.15	ppb
Molybdenum	98-1	4909.04	4953.88	4840.82	4901.25	1.16	ppb
Neodymium	150-1						cps
Nickel	60-1	505.54	496.68	481.96	494.72	2.41	ppb
Phosphorus	31-1	9818.29	9867.51	9634.61	9773.47	1.26	ppb
Potassium	39-1	25697.88	25361.26	24602.56	25220.57	2.22	ppb
Rhodium	103-1				98		%
Scandium	45-1				100		%
Selenium	82-1	503.14	494.36	492.67	496.72	1.13	ppb
Selenium	77-1						ppb
Selenium	78-1						ppb
Silicon	28-1	512.42	509.00	494.94	505.45	1.83	ppb
Silver	109-1	501.34	502.82	502.18	502.11	0.15	ppb
Silver	107-1	497.40	502.70	502.42	500.84	0.60	ppb
Sodium	23-1	51509.63	50605.56	50417.60	50844.26	1.15	ppb
Strontium	86-1	12607.57	12344.40	12130.72	12360.90	1.93	ppb
Strontium	88-1	12376.68	12264.19	12011.09	12217.32	1.53	ppb
Sulfur	34-1	9001.00	7187.75	3850.11	6679.62	39.12	ppb
Terbium	159-1				102		%
Thallium	203-1	508.06	492.18	479.79	493.35	2.87	ppb
Thallium	205-1	507.06	494.97	490.22	497.41	1.75	ppb
Tin	118-1	512.71	508.08	511.06	510.62	0.46	ppb
Titanium	47-1	4983.91	4963.06	4872.96	4939.98	1.19	ppb
Uranium	238-1	506.61	503.76	477.70	496.02	3.21	ppb
Vanadium	51-1	495.98	488.78	486.31	490.35	1.02	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				100		%
Zinc	66-1	5023.73	4936.31	4849.51	4936.52	1.76	ppb
Zirconium	90-1	499.27	489.92	482.12	490.44	1.75	ppb
Zirconium	91-1	506.92	489.77	485.59	494.09	2.29	ppb

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:20:35	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	21781.23	20617.22	20452.09	20950.18	3.46	ppb
Antimony	121-1	980.51	999.74	1024.07	1001.44	2.18	ppb
Arsenic	75-1	1058.26	972.02	977.59	1002.62	4.81	ppb
Barium	135-1	4865.27	5060.21	5083.99	5003.16	2.40	ppb
Barium	137-1	4933.98	4988.83	5113.54	5012.12	1.84	ppb
Beryllium	9-1	1047.35	976.63	976.47	1000.15	4.09	ppb
Bismuth	209-1				98		%
Bromine	81-1						cps
Cadmium	106-1	1015.35	970.69	1002.47	996.17	2.31	ppb
Cadmium	108-1	988.20	979.13	991.48	986.27	0.65	ppb
Cadmium	111-1	990.90	985.11	999.31	991.77	0.72	ppb
Calcium	43-1	117388.23	108961.19	109311.07	111886.83	4.26	ppb
Calcium	44-1	114882.73	105646.55	105262.61	108597.30	5.02	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	1056.58	981.21	980.90	1006.23	4.33	ppb
Cobalt	59-1	1048.38	984.93	984.45	1005.92	3.66	ppb
Copper	63-1	9800.54	9930.85	9996.23	9909.21	1.01	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				98		%
Indium	115-1				93		%
Iron	54-1						ppb
Iron	56-1	54862.39	51686.74	51287.73	52612.29	3.72	ppb
Iron	57-1	56202.48	51204.51	50824.92	52743.97	5.69	ppb
Krypton	83-1						cps
Lead	206-1	5269.44	4930.78	4874.20	5024.81	4.25	ppb
Lead	207-1	5333.67	4918.37	4846.03	5032.69	5.23	ppb
Lead	208-1	5278.85	4904.60	4875.91	5019.79	4.48	ppb
Lithium	6-1				96		%
Magnesium	24-1	109306.76	101346.43	102583.01	104412.07	4.10	ppb
Manganese	55-1	10547.74	9788.66	9847.88	10061.43	4.20	ppb
Molybdenum	94-1	10554.58	9718.36	9782.36	10018.43	4.65	ppb
Molybdenum	95-1	10618.25	9675.55	9791.15	10028.32	5.13	ppb
Molybdenum	96-1	10526.37	9729.77	9765.43	10007.19	4.50	ppb

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:20:35	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	10530.40	9759.05	9772.28	10020.58	4.41	ppb
Molybdenum	98-1	10506.37	9824.46	9802.93	10044.59	3.98	ppb
Neodymium	150-1						cps
Nickel	60-1	1050.40	981.07	975.26	1002.24	4.17	ppb
Phosphorus	31-1	20918.53	19678.32	19710.14	20102.33	3.52	ppb
Potassium	39-1	53951.98	50825.07	50484.06	51753.70	3.69	ppb
Rhodium	103-1				93		%
Scandium	45-1				94		%
Selenium	82-1	1059.39	969.30	977.35	1002.01	4.98	ppb
Selenium	77-1						ppb
Selenium	78-1						ppb
Silicon	28-1	1053.81	966.32	959.87	993.33	5.28	ppb
Silver	109-1	983.16	999.66	1015.06	999.29	1.60	ppb
Silver	107-1	1003.36	993.24	1004.88	1000.49	0.63	ppb
Sodium	23-1	109092.47	102667.09	99986.96	103915.51	4.50	ppb
Strontium	86-1	26311.84	24395.54	24490.22	25065.87	4.31	ppb
Strontium	88-1	26316.75	24741.04	24403.32	25153.70	4.06	ppb
Sulfur	34-1	27716.42	19896.62	19543.38	22385.47	20.64	ppb
Terbium	159-1				97		%
Thallium	203-1	1069.98	971.41	973.45	1004.95	5.61	ppb
Thallium	205-1	1055.32	996.09	967.19	1006.20	4.46	ppb
Tin	118-1	985.87	990.77	1006.46	994.36	1.08	ppb
Titanium	47-1	10500.82	9957.54	9673.50	10043.95	4.19	ppb
Uranium	238-1	1062.67	978.31	980.62	1007.20	4.77	ppb
Vanadium	51-1	1048.05	988.55	982.10	1006.23	3.61	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				96		%
Zinc	66-1	10425.91	9814.33	9943.87	10061.37	3.20	ppb
Zirconium	90-1	1060.37	980.73	977.53	1006.21	4.66	ppb
Zirconium	91-1	1054.85	974.67	980.95	1003.49	4.44	ppb

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:23:38	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	97192.61	101258.47	100891.59	99780.89	2.25	ppb
Antimony	121-1	0.41	0.58	0.73	0.57	27.87	ppb
Arsenic	75-1	0.24	0.45	0.27	0.32	35.18	ppb
Barium	135-1	3.18	3.00	3.34	3.18	5.44	ppb
Barium	137-1	3.11	3.38	3.39	3.29	4.93	ppb
Beryllium	9-1	0.22	0.13	0.21	0.18	24.98	ppb
Bismuth	209-1				99		%
Bromine	81-1						cps
Cadmium	106-1	0.36	1.21	-0.07	0.50	130.89	ppb
Cadmium	108-1	1.53	0.94	0.94	1.14	30.13	ppb
Cadmium	111-1	0.43	0.73	0.40	0.52	35.25	ppb
Calcium	43-1	494461.20	498169.78	498524.64	497051.87	0.45	ppb
Calcium	44-1	490930.34	498145.87	504288.26	497788.16	1.34	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	5.28	5.50	5.64	5.47	3.33	ppb
Cobalt	59-1	2.15	2.47	2.52	2.38	8.59	ppb
Copper	63-1	6.49	6.52	6.58	6.53	0.74	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				103		%
Indium	115-1				96		%
Iron	54-1						ppb
Iron	56-1	244899.03	249294.19	254009.65	249400.96	1.83	ppb
Iron	57-1	244719.27	253411.91	249725.21	249285.46	1.75	ppb
Krypton	83-1						cps
Lead	206-1	2.18	2.27	2.36	2.27	3.85	ppb
Lead	207-1	2.26	2.35	2.45	2.35	4.03	ppb
Lead	208-1	2.23	2.29	2.44	2.32	4.67	ppb
Lithium	6-1				96		%
Magnesium	24-1	495668.20	502823.02	498562.05	499017.76	0.72	ppb
Manganese	55-1	6.98	7.74	7.28	7.33	5.24	ppb
Molybdenum	94-1	2.67	2.31	2.54	2.51	7.24	ppb
Molybdenum	95-1	1.81	1.82	2.08	1.90	7.86	ppb
Molybdenum	96-1	2.32	2.37	2.12	2.27	5.93	ppb

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:23:38	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	2.10	2.05	2.02	2.06	1.94	ppb
Molybdenum	98-1	2.22	2.02	2.31	2.18	6.93	ppb
Neodymium	150-1						cps
Nickel	60-1	5.14	6.13	5.51	5.59	8.96	ppb
Phosphorus	31-1	-19.06	-15.69	-11.86	-15.54		ppb
Potassium	39-1	245776.68	253493.41	249595.92	249622.00	1.55	ppb
Rhodium	103-1				93		%
Scandium	45-1				97		%
Selenium	82-1	4.91	7.77	5.22	5.96	26.31	ppb
Selenium	77-1						ppb
Selenium	78-1						ppb
Silicon	28-1	69.28	87.97	83.95	80.40	12.23	ppb
Silver	109-1	0.22	0.20	0.17	0.20	12.12	ppb
Silver	107-1	0.17	0.17	0.19	0.18	5.34	ppb
Sodium	23-1	499096.85	495692.80	502476.66	499088.77	0.68	ppb
Strontium	86-1	1.92	2.09	2.40	2.14	11.29	ppb
Strontium	88-1	2.15	2.29	2.07	2.17	5.08	ppb
Sulfur	34-1	-5152.66	-5086.72	-4547.12	-4928.83		ppb
Terbium	159-1				103		%
Thallium	203-1	0.23	0.30	0.30	0.28	13.73	ppb
Thallium	205-1	0.31	0.35	0.32	0.33	7.12	ppb
Tin	118-1	0.61	0.63	0.60	0.61	2.58	ppb
Titanium	47-1	0.71	1.44	1.84	1.33	43.04	ppb
Uranium	238-1	0.10	0.11	0.11	0.11	9.18	ppb
Vanadium	51-1	0.22	0.20	0.28	0.23	18.58	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				99		%
Zinc	66-1	22.23	21.99	22.69	22.30	1.59	ppb
Zirconium	90-1	0.39	0.43	0.39	0.40	5.37	ppb
Zirconium	91-1	0.29	0.42	0.22	0.31	33.00	ppb

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:32:58	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	527.92	563.14	539.42	543.49	3.30	ppb
Antimony	121-1	200.95	198.97	197.40	199.11	0.89	ppb
Arsenic	75-1	202.18	216.94	206.20	208.44	3.66	ppb
Barium	135-1	104.50	99.77	97.69	100.65	3.47	ppb
Barium	137-1	101.34	104.10	100.90	102.11	1.70	ppb
Beryllium	9-1	101.14	107.48	102.56	103.73	3.21	ppb
Bismuth	209-1				98		%
Bromine	81-1						cps
Cadmium	106-1	161.57	164.79	166.29	164.22	1.47	ppb
Cadmium	108-1	152.04	154.86	152.63	153.17	0.97	ppb
Cadmium	111-1	106.93	109.10	110.11	108.71	1.49	ppb
Calcium	43-1	2216.11	2337.53	2166.34	2239.99	3.93	ppb
Calcium	44-1	2104.41	2279.17	2176.48	2186.69	4.02	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	98.52	106.57	102.56	102.55	3.92	ppb
Cobalt	59-1	100.17	105.07	101.15	102.13	2.54	ppb
Copper	63-1	101.93	102.43	100.99	101.78	0.72	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	2086.01	2204.28	2163.82	2151.37	2.79	ppb
Iron	57-1	2087.05	2235.67	2167.47	2163.40	3.44	ppb
Krypton	83-1						cps
Lead	206-1	203.68	219.20	208.48	210.45	3.77	ppb
Lead	207-1	200.01	212.13	199.25	203.80	3.55	ppb
Lead	208-1	201.28	214.95	204.75	207.00	3.43	ppb
Lithium	6-1				99		%
Magnesium	24-1	1183.01	1255.40	1218.58	1219.00	2.97	ppb
Manganese	55-1	100.48	107.01	101.53	103.01	3.41	ppb
Molybdenum	94-1	5090.89	5405.97	5127.81	5208.22	3.31	ppb
Molybdenum	95-1	5037.33	5318.96	5106.30	5154.19	2.85	ppb
Molybdenum	96-1	4987.21	5337.65	5038.47	5121.11	3.70	ppb

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:32:58	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	5020.81	5310.42	5113.36	5148.20	2.87	ppb
Molybdenum	98-1	4984.17	5294.73	4977.36	5085.42	3.57	ppb
Neodymium	150-1						cps
Nickel	60-1	110.98	115.64	112.60	113.07	2.09	ppb
Phosphorus	31-1	-25.11	-6.26	-7.74	-13.04		ppb
Potassium	39-1	2011.07	2241.22	2103.53	2118.61	5.47	ppb
Rhodium	103-1				97		%
Scandium	45-1				96		%
Selenium	82-1	207.49	218.81	210.42	212.24	2.77	ppb
Selenium	77-1						ppb
Selenium	78-1						ppb
Silicon	28-1	63.48	72.92	68.73	68.38	6.92	ppb
Silver	109-1	50.01	50.88	50.03	50.31	0.98	ppb
Silver	107-1	50.82	51.05	50.10	50.66	0.98	ppb
Sodium	23-1	2077.81	2260.35	2171.54	2169.90	4.21	ppb
Strontium	86-1	548.06	585.29	546.96	560.10	3.90	ppb
Strontium	88-1	543.90	587.51	558.42	563.28	3.94	ppb
Sulfur	34-1	-3828.93	-116.02	-3157.41	-2367.45		ppb
Terbium	159-1				97		%
Thallium	203-1	212.28	228.77	216.16	219.07	3.94	ppb
Thallium	205-1	206.31	218.49	207.50	210.77	3.19	ppb
Tin	118-1	559.24	562.32	553.81	558.46	0.77	ppb
Titanium	47-1	4760.96	5107.26	4881.24	4916.49	3.58	ppb
Uranium	238-1	576.14	608.77	579.52	588.14	3.05	ppb
Vanadium	51-1	98.70	105.31	100.53	101.51	3.36	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				98		%
Zinc	66-1	188.27	205.72	191.27	195.09	4.78	ppb
Zirconium	90-1	532.05	579.54	544.19	551.92	4.47	ppb
Zirconium	91-1	546.47	561.66	544.97	551.03	1.68	ppb

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:39:08	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.10	0.69	0.20	0.33	94.04	ppb
Antimony	121-1	0.00	0.05	0.01	0.02	113.85	ppb
Arsenic	75-1	-0.07	0.03	-0.02	-0.02		ppb
Barium	135-1	-0.05	0.13	-0.03	0.02	567.82	ppb
Barium	137-1	0.03	0.19	0.03	0.08	119.07	ppb
Beryllium	9-1	0.09	0.05	0.03	0.06	48.31	ppb
Bismuth	209-1				96		%
Bromine	81-1						cps
Cadmium	106-1	-0.71	0.14	-0.71	-0.43		ppb
Cadmium	108-1	0.64	0.94	0.20	0.59	62.92	ppb
Cadmium	111-1	0.00	0.04	-0.01	0.01	370.44	ppb
Calcium	43-1	-0.42	12.46	7.31	6.45	100.53	ppb
Calcium	44-1	64.20	33.66	49.12	48.99	31.17	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	0.16	0.01	0.12	0.10	78.66	ppb
Cobalt	59-1	0.01	-0.01	-0.04	-0.01		ppb
Copper	63-1	0.16	0.25	0.22	0.21	19.58	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				96		%
Indium	115-1				94		%
Iron	54-1						ppb
Iron	56-1	-13.70	-18.76	-15.82	-16.09		ppb
Iron	57-1	20.42	6.38	12.30	13.03	54.07	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.20	0.08	0.12	55.66	ppb
Lead	207-1	0.08	0.15	0.11	0.11	34.16	ppb
Lead	208-1	0.08	0.14	0.10	0.11	25.39	ppb
Lithium	6-1				97		%
Magnesium	24-1	1.05	3.33	0.88	1.75	78.03	ppb
Manganese	55-1	0.15	0.19	0.08	0.14	40.06	ppb
Molybdenum	94-1	0.03	1.51	0.17	0.57	143.03	ppb
Molybdenum	95-1	0.04	1.39	0.16	0.53	141.57	ppb
Molybdenum	96-1	0.13	1.22	0.17	0.50	122.75	ppb

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:39:08	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	0.33	1.14	0.05	0.51	111.42	ppb
Molybdenum	98-1	0.07	1.22	0.15	0.48	133.68	ppb
Neodymium	150-1						cps
Nickel	60-1	-0.15	-0.15	-0.11	-0.13		ppb
Phosphorus	31-1	-1.29	-2.02	-13.01	-5.44		ppb
Potassium	39-1	104.71	32.41	76.73	71.28	51.14	ppb
Rhodium	103-1				93		%
Scandium	45-1				94		%
Selenium	82-1	-0.08	0.70	0.76	0.46	101.07	ppb
Selenium	77-1						ppb
Selenium	78-1						ppb
Silicon	28-1	3.72	1.19	2.50	2.47	51.35	ppb
Silver	109-1	0.00	0.05	0.01	0.02	113.40	ppb
Silver	107-1	0.00	0.07	0.02	0.03	127.59	ppb
Sodium	23-1	85.65	59.95	67.56	71.05	18.58	ppb
Strontium	86-1	-0.04	3.51	-0.09	1.13	182.71	ppb
Strontium	88-1	0.02	3.29	0.05	1.12	168.13	ppb
Sulfur	34-1	185.77	-2595.96	634.13	-592.02		ppb
Terbium	159-1				96		%
Thallium	203-1	0.10	0.07	0.12	0.09	26.63	ppb
Thallium	205-1	0.08	0.12	0.12	0.11	22.77	ppb
Tin	118-1	-0.03	0.04	0.01	0.01	676.75	ppb
Titanium	47-1	0.15	0.25	0.22	0.21	25.83	ppb
Uranium	238-1	0.00	0.02	0.00	0.00	366.83	ppb
Vanadium	51-1	-0.02	-0.02	-0.02	-0.02		ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				94		%
Zinc	66-1	0.27	-0.01	0.40	0.22	93.23	ppb
Zirconium	90-1	-0.01	0.18	0.00	0.06	189.77	ppb
Zirconium	91-1	0.00	0.19	0.02	0.07	146.12	ppb

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:42:02	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	111131.31	103810.89	99756.17	104899.46	5.50	ppb
Antimony	121-1	0.98	1.11	1.19	1.09	9.89	ppb
Arsenic	75-1	1.05	1.28	1.44	1.26	15.31	ppb
Barium	135-1	1.27	1.46	1.14	1.29	12.39	ppb
Barium	137-1	1.41	1.54	1.39	1.45	5.78	ppb
Beryllium	9-1	0.34	0.32	0.28	0.31	10.01	ppb
Bismuth	209-1				94		%
Bromine	81-1						cps
Cadmium	106-1	-3.28	1.64	0.78	-0.29		ppb
Cadmium	108-1	9.99	10.59	7.47	9.35	17.70	ppb
Cadmium	111-1	-0.02	0.53	0.53	0.35	92.73	ppb
Calcium	43-1	109693.02	100060.96	97011.28	102255.08	6.47	ppb
Calcium	44-1	113526.50	101196.50	99646.89	104789.97	7.26	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	22.12	20.06	19.07	20.42	7.62	ppb
Cobalt	59-1	1.37	1.11	1.16	1.21	11.45	ppb
Copper	63-1	7.86	8.12	7.96	7.98	1.65	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				98		%
Indium	115-1				92		%
Iron	54-1						ppb
Iron	56-1	116018.68	105139.47	102710.18	107956.11	6.56	ppb
Iron	57-1	115580.93	105177.71	102836.14	107864.93	6.29	ppb
Krypton	83-1						cps
Lead	206-1	4.89	4.62	4.27	4.59	6.86	ppb
Lead	207-1	4.62	4.28	4.14	4.35	5.63	ppb
Lead	208-1	4.69	4.52	4.27	4.49	4.65	ppb
Lithium	6-1				95		%
Magnesium	24-1	107446.52	98688.91	94619.79	100251.74	6.54	ppb
Manganese	55-1	8.89	7.70	7.98	8.19	7.63	ppb
Molybdenum	94-1	1757.66	1625.53	1567.44	1650.21	5.91	ppb
Molybdenum	95-1	2184.09	2034.58	1900.61	2039.76	6.95	ppb
Molybdenum	96-1	2112.67	1990.31	1914.83	2005.94	4.98	ppb

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:42:02	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	2129.69	1982.99	1895.11	2002.60	5.92	ppb
Molybdenum	98-1	2163.13	2013.23	1902.69	2026.35	6.45	ppb
Neodymium	150-1						cps
Nickel	60-1	6.21	5.47	5.76	5.81	6.36	ppb
Phosphorus	31-1	109040.51	99734.22	97212.05	101995.59	6.11	ppb
Potassium	39-1	112104.48	101427.47	99095.64	104209.19	6.66	ppb
Rhodium	103-1				90		%
Scandium	45-1				92		%
Selenium	82-1	-0.36	0.27	2.52	0.81	187.37	ppb
Selenium	77-1						ppb
Selenium	78-1						ppb
Silicon	28-1	10.98	6.89	5.86	7.91	34.24	ppb
Silver	109-1	0.01	0.02	0.02	0.02	45.83	ppb
Silver	107-1	-0.01	0.02	0.01	0.01	183.29	ppb
Sodium	23-1	114807.11	104526.99	100931.22	106755.11	6.75	ppb
Strontium	86-1	38.13	35.40	31.50	35.01	9.52	ppb
Strontium	88-1	37.50	35.68	33.51	35.56	5.62	ppb
Sulfur	34-1	158129.99	135319.58	128616.15	140688.57	11.00	ppb
Terbium	159-1				97		%
Thallium	203-1	0.25	0.24	0.21	0.23	8.90	ppb
Thallium	205-1	0.23	0.18	0.19	0.20	12.20	ppb
Tin	118-1	0.11	0.10	0.18	0.13	35.78	ppb
Titanium	47-1	2264.21	2100.83	2012.22	2125.75	6.01	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	34.73	ppb
Vanadium	51-1	0.24	0.19	0.23	0.22	11.67	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				94		%
Zinc	66-1	12.86	12.09	11.79	12.25	4.50	ppb
Zirconium	90-1	0.03	0.03	0.05	0.04	26.40	ppb
Zirconium	91-1	0.06	0.02	0.03	0.04	52.78	ppb

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:44:58	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	101121.09	100000.98	101811.15	100977.74	0.90	ppb
Antimony	121-1	20.60	21.61	20.88	21.03	2.48	ppb
Arsenic	75-1	21.74	22.23	21.66	21.88	1.41	ppb
Barium	135-1	21.39	20.83	21.04	21.09	1.33	ppb
Barium	137-1	21.05	21.43	21.69	21.39	1.50	ppb
Beryllium	9-1	20.26	20.36	19.58	20.07	2.12	ppb
Bismuth	209-1				100		%
Bromine	81-1						cps
Cadmium	106-1	15.13	20.91	15.13	17.05	19.57	ppb
Cadmium	108-1	31.36	31.66	25.13	29.38	12.55	ppb
Cadmium	111-1	19.65	20.34	20.09	20.03	1.73	ppb
Calcium	43-1	99074.32	96973.42	100258.56	98768.76	1.68	ppb
Calcium	44-1	100837.50	100235.60	102088.72	101053.94	0.94	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	39.65	39.69	40.15	39.83	0.70	ppb
Cobalt	59-1	20.74	20.61	20.98	20.78	0.91	ppb
Copper	63-1	27.25	27.32	27.55	27.38	0.57	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				103		%
Indium	115-1				97		%
Iron	54-1						ppb
Iron	56-1	107110.42	102588.10	105511.77	105070.10	2.18	ppb
Iron	57-1	104411.01	104503.00	104873.13	104595.71	0.23	ppb
Krypton	83-1						cps
Lead	206-1	27.09	27.20	28.07	27.45	1.96	ppb
Lead	207-1	27.55	25.94	27.37	26.95	3.28	ppb
Lead	208-1	27.17	26.54	27.02	26.91	1.23	ppb
Lithium	6-1				100		%
Magnesium	24-1	96206.45	96134.57	96910.91	96417.31	0.44	ppb
Manganese	55-1	27.52	27.24	27.57	27.45	0.65	ppb
Molybdenum	94-1	1594.82	1565.52	1561.07	1573.80	1.17	ppb
Molybdenum	95-1	1967.66	1942.65	1947.25	1952.52	0.68	ppb
Molybdenum	96-1	1941.29	1920.31	1906.66	1922.75	0.91	ppb

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:44:58	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	1928.81	1903.38	1885.40	1905.86	1.14	ppb
Molybdenum	98-1	1990.14	1907.06	1948.38	1948.53	2.13	ppb
Neodymium	150-1						cps
Nickel	60-1	26.08	26.10	25.84	26.01	0.55	ppb
Phosphorus	31-1	98496.73	97026.77	97897.45	97806.98	0.76	ppb
Potassium	39-1	100623.81	99703.46	102257.21	100861.49	1.28	ppb
Rhodium	103-1				95		%
Scandium	45-1				96		%
Selenium	82-1	20.74	19.06	20.62	20.14	4.66	ppb
Selenium	77-1						ppb
Selenium	78-1						ppb
Silicon	28-1	5.18	5.41	5.24	5.27	2.29	ppb
Silver	109-1	18.96	19.26	18.94	19.05	0.94	ppb
Silver	107-1	18.41	19.44	19.28	19.04	2.91	ppb
Sodium	23-1	102936.53	100954.21	101258.52	101716.42	1.05	ppb
Strontium	86-1	33.95	34.75	31.67	33.46	4.77	ppb
Strontium	88-1	33.45	33.54	33.30	33.43	0.36	ppb
Sulfur	34-1	129953.35	125284.31	129395.22	128210.96	1.99	ppb
Terbium	159-1				101		%
Thallium	203-1	21.65	21.12	21.55	21.44	1.30	ppb
Thallium	205-1	20.20	20.57	20.62	20.46	1.13	ppb
Tin	118-1	0.27	0.26	0.26	0.26	2.86	ppb
Titanium	47-1	2049.13	2047.83	2074.50	2057.15	0.73	ppb
Uranium	238-1	0.01	0.03	0.01	0.02	72.31	ppb
Vanadium	51-1	19.44	19.63	19.90	19.66	1.16	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				99		%
Zinc	66-1	30.62	31.15	30.95	30.90	0.87	ppb
Zirconium	90-1	0.01	0.03	0.02	0.02	51.73	ppb
Zirconium	91-1	-0.03	0.00	0.02	0.00		ppb

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:47:51	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	50420.50	50760.04	50537.24	50572.59	0.34	ppb
Antimony	121-1	472.52	476.59	482.36	477.16	1.04	ppb
Arsenic	75-1	487.60	474.18	484.01	481.93	1.44	ppb
Barium	135-1	2361.16	2405.22	2446.24	2404.21	1.77	ppb
Barium	137-1	2376.56	2384.80	2431.92	2397.76	1.25	ppb
Beryllium	9-1	497.32	501.30	498.78	499.13	0.40	ppb
Bismuth	209-1				96		%
Bromine	81-1						cps
Cadmium	106-1	474.16	468.80	493.45	478.80	2.71	ppb
Cadmium	108-1	483.19	472.64	476.35	477.39	1.12	ppb
Cadmium	111-1	478.52	475.36	487.62	480.50	1.33	ppb
Calcium	43-1	251694.60	251492.91	246062.36	249749.96	1.28	ppb
Calcium	44-1	255708.78	258086.30	251245.94	255013.68	1.36	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	478.83	484.93	487.70	483.82	0.94	ppb
Cobalt	59-1	493.06	475.97	457.00	475.34	3.80	ppb
Copper	63-1	4983.61	5047.39	5137.75	5056.25	1.53	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				101		%
Indium	115-1				94		%
Iron	54-1						ppb
Iron	56-1	126878.49	127270.98	124041.18	126063.55	1.40	ppb
Iron	57-1	126269.63	126269.44	123782.18	125440.42	1.14	ppb
Krypton	83-1						cps
Lead	206-1	2503.17	2492.38	2503.35	2499.63	0.25	ppb
Lead	207-1	2555.54	2513.18	2466.07	2511.60	1.78	ppb
Lead	208-1	2537.73	2525.53	2481.50	2514.92	1.18	ppb
Lithium	6-1				96		%
Magnesium	24-1	250164.31	254800.62	244273.36	249746.09	2.11	ppb
Manganese	55-1	4910.75	5006.59	4819.20	4912.18	1.91	ppb
Molybdenum	94-1	4919.11	5029.30	4947.84	4965.41	1.15	ppb
Molybdenum	95-1	4895.57	4978.17	4874.65	4916.13	1.11	ppb
Molybdenum	96-1	4902.32	4982.84	4943.15	4942.77	0.81	ppb

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:47:51	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	4993.75	5052.56	4920.67	4988.99	1.32	ppb
Molybdenum	98-1	4944.64	4991.71	4918.00	4951.45	0.75	ppb
Neodymium	150-1						cps
Nickel	60-1	489.43	486.44	472.32	482.73	1.89	ppb
Phosphorus	31-1	9965.13	10093.54	9684.45	9914.37	2.11	ppb
Potassium	39-1	124696.96	126802.43	124009.55	125169.65	1.16	ppb
Rhodium	103-1				93		%
Scandium	45-1				95		%
Selenium	82-1	476.93	485.30	479.05	480.43	0.91	ppb
Selenium	77-1						ppb
Selenium	78-1						ppb
Silicon	28-1	476.12	473.24	476.27	475.21	0.36	ppb
Silver	109-1	470.93	466.17	480.17	472.42	1.51	ppb
Silver	107-1	474.01	471.15	479.26	474.81	0.87	ppb
Sodium	23-1	249968.25	250928.04	244212.22	248369.50	1.46	ppb
Strontium	86-1	12373.16	12639.02	11957.24	12323.14	2.79	ppb
Strontium	88-1	11951.47	12319.32	12105.15	12125.32	1.52	ppb
Sulfur	34-1	6422.42	7203.12	6002.49	6542.68	9.31	ppb
Terbium	159-1				100		%
Thallium	203-1	486.86	487.47	483.09	485.80	0.49	ppb
Thallium	205-1	475.81	470.44	468.68	471.64	0.79	ppb
Tin	118-1	482.45	487.27	491.22	486.98	0.90	ppb
Titanium	47-1	4894.46	4873.69	4757.86	4842.00	1.52	ppb
Uranium	238-1	508.07	523.11	507.28	512.82	1.74	ppb
Vanadium	51-1	491.61	504.24	475.44	490.43	2.94	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				98		%
Zinc	66-1	5200.70	5174.71	5067.99	5147.80	1.37	ppb
Zirconium	90-1	480.55	484.95	474.75	480.08	1.07	ppb
Zirconium	91-1	492.95	492.99	481.44	489.13	1.36	ppb

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 17:00:38	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.11	-0.23	0.09	-0.01		ppb
Antimony	121-1	0.04	0.02	0.03	0.03	33.34	ppb
Arsenic	75-1	0.20	0.07	0.01	0.09	107.36	ppb
Barium	135-1	0.05	0.00	0.05	0.04	86.60	ppb
Barium	137-1	0.10	0.07	0.01	0.06	76.37	ppb
Beryllium	9-1	0.02	0.07	0.08	0.06	53.24	ppb
Bismuth	209-1				98		%
Bromine	81-1						cps
Cadmium	106-1	-3.50	1.64	-1.36	-1.07		ppb
Cadmium	108-1	0.20	0.35	-0.10	0.15	152.74	ppb
Cadmium	111-1	-0.24	0.09	-0.03	-0.06		ppb
Calcium	43-1	3.77	0.50	12.72	5.66	111.67	ppb
Calcium	44-1	52.00	8.16	72.63	44.26	74.38	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	0.04	0.09	0.00	0.04	108.88	ppb
Cobalt	59-1	-0.03	0.00	0.00	-0.01		ppb
Copper	63-1	0.35	0.29	0.20	0.28	26.04	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				98		%
Indium	115-1				97		%
Iron	54-1						ppb
Iron	56-1	13.18	1.36	20.30	11.61	82.35	ppb
Iron	57-1	6.83	-4.66	17.69	6.62	168.80	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.04	0.16	0.09	73.97	ppb
Lead	207-1	0.05	0.02	0.03	0.03	43.95	ppb
Lead	208-1	0.08	0.04	0.07	0.06	30.50	ppb
Lithium	6-1				98		%
Magnesium	24-1	1.35	0.79	0.85	1.00	30.69	ppb
Manganese	55-1	0.17	0.06	0.19	0.14	49.28	ppb
Molybdenum	94-1	0.01	0.06	0.03	0.03	76.59	ppb
Molybdenum	95-1	0.05	0.00	0.01	0.02	119.09	ppb
Molybdenum	96-1	0.01	0.08	0.06	0.05	70.88	ppb

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 17:00:38	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	0.12	0.07	0.13	0.11	32.01	ppb
Molybdenum	98-1	0.03	0.00	0.03	0.02	69.22	ppb
Neodymium	150-1						cps
Nickel	60-1	0.10	-0.03	-0.04	0.01	764.22	ppb
Phosphorus	31-1	-17.10	-36.84	-17.18	-23.71		ppb
Potassium	39-1	79.59	27.61	117.78	74.99	60.35	ppb
Rhodium	103-1				96		%
Scandium	45-1				97		%
Selenium	82-1	0.14	-0.02	-1.24	-0.37		ppb
Selenium	77-1						ppb
Selenium	78-1						ppb
Silicon	28-1	0.94	-1.07	1.57	0.48	289.41	ppb
Silver	109-1	0.01	0.03	0.01	0.02	62.47	ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-1	63.37	40.32	71.38	58.36	27.63	ppb
Strontium	86-1	-0.14	-0.32	-0.07	-0.18		ppb
Strontium	88-1	-0.05	0.01	0.00	-0.01		ppb
Sulfur	34-1	-44.92	-3669.62	2006.63	-569.30		ppb
Terbium	159-1				98		%
Thallium	203-1	0.12	0.07	0.14	0.11	34.10	ppb
Thallium	205-1	0.11	0.08	0.11	0.10	20.69	ppb
Tin	118-1	-0.02	0.08	0.10	0.06	111.07	ppb
Titanium	47-1	-0.01	-0.03	-0.26	-0.10		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-1	0.01	0.05	-0.02	0.01	263.79	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				97		%
Zinc	66-1	0.21	-0.03	0.27	0.15	108.47	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	578.03	ppb
Zirconium	91-1	0.00	-0.05	0.02	-0.01		ppb

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 17:04:09	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	20.19	20.16	20.46	20.27	0.80	ppb
Antimony	121-1	1.80	1.81	1.88	1.83	2.22	ppb
Arsenic	75-1	0.99	1.08	1.16	1.08	7.56	ppb
Barium	135-1	9.07	10.08	9.63	9.60	5.26	ppb
Barium	137-1	9.28	9.28	9.13	9.23	0.95	ppb
Beryllium	9-1	1.00	0.98	1.09	1.02	5.71	ppb
Bismuth	209-1				98		%
Bromine	81-1						cps
Cadmium	106-1	1.43	4.00	1.64	2.35	60.52	ppb
Cadmium	108-1	0.49	0.94	0.20	0.54	68.64	ppb
Cadmium	111-1	1.26	1.35	1.03	1.21	13.71	ppb
Calcium	43-1	476.92	466.38	479.05	474.12	1.43	ppb
Calcium	44-1	528.50	505.72	515.36	516.53	2.21	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	1.99	2.11	2.02	2.04	3.00	ppb
Cobalt	59-1	0.96	0.96	0.98	0.97	1.55	ppb
Copper	63-1	2.12	2.34	2.09	2.18	6.40	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				97		%
Indium	115-1				96		%
Iron	54-1						ppb
Iron	56-1	61.91	61.71	62.73	62.12	0.87	ppb
Iron	57-1	56.67	54.07	53.97	54.90	2.79	ppb
Krypton	83-1						cps
Lead	206-1	0.81	0.99	0.94	0.91	10.03	ppb
Lead	207-1	0.91	0.88	0.93	0.91	2.92	ppb
Lead	208-1	0.90	0.94	0.93	0.92	2.35	ppb
Lithium	6-1				98		%
Magnesium	24-1	485.62	474.00	487.63	482.42	1.53	ppb
Manganese	55-1	1.16	1.07	1.09	1.11	4.54	ppb
Molybdenum	94-1	5.98	5.73	6.01	5.91	2.60	ppb
Molybdenum	95-1	5.20	4.82	5.32	5.11	5.04	ppb
Molybdenum	96-1	5.01	4.97	5.04	5.01	0.75	ppb

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 17:04:09	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	4.80	5.05	5.43	5.09	6.16	ppb
Molybdenum	98-1	5.21	4.74	4.38	4.78	8.77	ppb
Neodymium	150-1						cps
Nickel	60-1	0.92	1.02	0.99	0.98	5.58	ppb
Phosphorus	31-1	5.72	-8.97	5.63	0.79	1063.58	ppb
Potassium	39-1	532.43	515.05	492.25	513.24	3.93	ppb
Rhodium	103-1				96		%
Scandium	45-1				98		%
Selenium	82-1	4.19	6.85	3.07	4.70	41.26	ppb
Selenium	77-1						ppb
Selenium	78-1						ppb
Silicon	28-1	1.94	1.36	1.23	1.51	24.85	ppb
Silver	109-1	0.95	1.01	0.94	0.97	3.74	ppb
Silver	107-1	0.98	1.03	0.98	1.00	2.75	ppb
Sodium	23-1	537.94	532.63	519.85	530.14	1.75	ppb
Strontium	86-1	0.76	1.03	1.18	0.99	21.35	ppb
Strontium	88-1	1.07	0.99	1.02	1.03	3.98	ppb
Sulfur	34-1	7.34	-2041.70	-220.92	-751.76		ppb
Terbium	159-1				98		%
Thallium	203-1	1.09	1.06	0.82	0.99	14.86	ppb
Thallium	205-1	1.00	1.02	1.06	1.03	3.14	ppb
Tin	118-1	4.65	4.63	4.81	4.70	2.15	ppb
Titanium	47-1	4.41	5.06	4.86	4.78	6.92	ppb
Uranium	238-1	0.92	0.90	0.95	0.93	2.71	ppb
Vanadium	51-1	4.75	4.69	4.74	4.73	0.61	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				97		%
Zinc	66-1	2.32	2.50	2.03	2.29	10.32	ppb
Zirconium	90-1	0.97	0.89	0.89	0.92	5.17	ppb
Zirconium	91-1	1.10	1.12	1.14	1.12	1.91	ppb

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	O3587-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 17:10:34	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	731.03	716.27	735.36	727.55	1.38	ppb
Antimony	121-1	40.79	40.41	40.87	40.69	0.60	ppb
Arsenic	75-1	32.94	33.08	33.60	33.21	1.04	ppb
Barium	135-1	1375.61	1352.60	1351.53	1359.91	1.00	ppb
Barium	137-1	1381.19	1364.61	1357.14	1367.65	0.90	ppb
Beryllium	9-1	14.72	15.13	15.30	15.05	1.99	ppb
Bismuth	209-1				99		%
Bromine	81-1						cps
Cadmium	106-1	19.84	14.48	19.41	17.91	16.61	ppb
Cadmium	108-1	18.60	17.12	19.05	18.25	5.53	ppb
Cadmium	111-1	19.83	18.89	19.49	19.40	2.46	ppb
Calcium	43-1	10.86	7.75	4.23	7.61	43.53	ppb
Calcium	44-1	10.11	10.23	22.15	14.17	48.82	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	126.30	124.58	128.33	126.40	1.49	ppb
Cobalt	59-1	-0.02	-0.01	0.02	0.00		ppb
Copper	63-1	1464.96	1460.15	1448.36	1457.82	0.59	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				101		%
Indium	115-1				98		%
Iron	54-1						ppb
Iron	56-1	815.37	799.03	816.61	810.33	1.21	ppb
Iron	57-1	752.27	740.56	784.23	759.02	2.98	ppb
Krypton	83-1						cps
Lead	206-1	56.46	56.31	58.26	57.01	1.91	ppb
Lead	207-1	54.47	56.64	56.30	55.80	2.09	ppb
Lead	208-1	55.33	55.87	57.67	56.29	2.18	ppb
Lithium	6-1				100		%
Magnesium	24-1	0.32	0.58	0.58	0.49	31.28	ppb
Manganese	55-1	511.04	492.93	519.84	507.94	2.70	ppb
Molybdenum	94-1	57.33	56.46	57.93	57.24	1.30	ppb
Molybdenum	95-1	67.58	71.19	69.18	69.32	2.61	ppb
Molybdenum	96-1	67.00	68.87	68.98	68.28	1.63	ppb

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	O3587-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 17:10:34	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	70.77	70.84	70.71	70.77	0.09	ppb
Molybdenum	98-1	68.90	67.87	70.08	68.95	1.60	ppb
Neodymium	150-1						cps
Nickel	60-1	452.81	448.08	460.27	453.72	1.35	ppb
Phosphorus	31-1	-25.96	-29.91	-27.56	-27.81		ppb
Potassium	39-1	1.96	27.30	21.31	16.86	78.55	ppb
Rhodium	103-1				98		%
Scandium	45-1				99		%
Selenium	82-1	36.55	36.75	36.89	36.73	0.46	ppb
Selenium	77-1						ppb
Selenium	78-1						ppb
Silicon	28-1	10.63	10.20	11.52	10.78	6.24	ppb
Silver	109-1	94.50	95.32	95.95	95.25	0.76	ppb
Silver	107-1	94.61	93.69	94.23	94.18	0.49	ppb
Sodium	23-1	57.13	51.42	57.88	55.47	6.37	ppb
Strontium	86-1	0.07	-0.42	-0.06	-0.14		ppb
Strontium	88-1	0.03	0.04	0.03	0.03	14.11	ppb
Sulfur	34-1	-4100.64	-4187.56	-4666.60	-4318.27		ppb
Terbium	159-1				100		%
Thallium	203-1	7.83	7.84	7.95	7.88	0.85	ppb
Thallium	205-1	6.91	7.29	7.43	7.21	3.77	ppb
Tin	118-1	0.02	0.10	0.06	0.06	62.50	ppb
Titanium	47-1	0.22	0.31	0.28	0.27	16.03	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	583.40	ppb
Vanadium	51-1	94.08	91.25	93.56	92.96	1.62	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				100		%
Zinc	66-1	1096.82	1079.32	1105.50	1093.88	1.22	ppb
Zirconium	90-1	0.04	0.07	0.05	0.05	22.55	ppb
Zirconium	91-1	0.08	0.05	0.08	0.07	26.22	ppb

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	PB154413BL	Instrumnet Name :	P8
Client Sample ID :	PB154413BL	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 17:13:41	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	-0.04	-0.13	-0.35	-0.17		ppb
Antimony	121-1	0.01	0.04	0.08	0.04	80.42	ppb
Arsenic	75-1	0.10	0.05	-0.01	0.05	121.45	ppb
Barium	135-1	-0.03	0.05	0.11	0.04	150.96	ppb
Barium	137-1	0.12	0.07	0.09	0.09	25.46	ppb
Beryllium	9-1	-0.02	0.01	0.09	0.03	213.39	ppb
Bismuth	209-1				97		%
Bromine	81-1						cps
Cadmium	106-1	2.71	1.00	-0.93	0.93	196.26	ppb
Cadmium	108-1	0.49	0.20	-0.10	0.20	150.00	ppb
Cadmium	111-1	0.18	0.10	-0.04	0.08	135.01	ppb
Calcium	43-1	5.13	5.25	9.28	6.56	36.01	ppb
Calcium	44-1	7.04	24.12	35.98	22.38	65.01	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	0.15	-0.04	0.14	0.08	125.37	ppb
Cobalt	59-1	-0.01	0.00	-0.02	-0.01		ppb
Copper	63-1	0.50	0.42	0.35	0.42	18.24	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				98		%
Indium	115-1				97		%
Iron	54-1						ppb
Iron	56-1	0.60	3.10	6.38	3.36	86.24	ppb
Iron	57-1	3.18	-3.91	10.05	3.11	224.51	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.05	0.14	0.07	75.69	ppb
Lead	207-1	-0.06	0.03	0.00	-0.01		ppb
Lead	208-1	0.06	0.07	0.05	0.06	17.87	ppb
Lithium	6-1				99		%
Magnesium	24-1	-0.04	0.49	0.25	0.23	114.19	ppb
Manganese	55-1	0.01	0.26	0.05	0.11	123.04	ppb
Molybdenum	94-1	-0.01	0.01	0.12	0.04	181.50	ppb
Molybdenum	95-1	0.02	0.01	0.02	0.02	31.32	ppb
Molybdenum	96-1	0.03	0.05	0.07	0.05	41.57	ppb

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	PB154413BL	Instrumnet Name :	P8
Client Sample ID :	PB154413BL	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 17:13:41	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	0.07	0.03	0.01	0.04	74.42	ppb
Molybdenum	98-1	0.05	0.02	0.03	0.03	44.82	ppb
Neodymium	150-1						cps
Nickel	60-1	-0.09	0.08	-0.10	-0.04		ppb
Phosphorus	31-1	-23.52	-34.35	-25.76	-27.88		ppb
Potassium	39-1	6.51	34.12	40.77	27.13	66.95	ppb
Rhodium	103-1				97		%
Scandium	45-1				98		%
Selenium	82-1	-0.48	-1.95	0.42	-0.67		ppb
Selenium	77-1						ppb
Selenium	78-1						ppb
Silicon	28-1	-1.30	-0.54	0.10	-0.58		ppb
Silver	109-1	0.01	0.01	0.02	0.01	19.26	ppb
Silver	107-1	0.02	0.01	-0.01	0.01	224.96	ppb
Sodium	23-1	21.75	25.79	29.26	25.60	14.69	ppb
Strontium	86-1	-0.05	-0.04	-0.11	-0.07		ppb
Strontium	88-1	0.01	0.05	0.01	0.03	101.16	ppb
Sulfur	34-1	-4606.68	-1745.82	-2032.22	-2794.90		ppb
Terbium	159-1				99		%
Thallium	203-1	0.06	0.11	0.05	0.07	42.25	ppb
Thallium	205-1	0.08	0.05	0.07	0.07	18.78	ppb
Tin	118-1	0.11	0.08	0.11	0.10	16.90	ppb
Titanium	47-1	-0.03	0.44	0.33	0.25	98.21	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-1	-0.02	-0.01	0.02	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				99		%
Zinc	66-1	0.07	0.10	0.27	0.14	75.25	ppb
Zirconium	90-1	0.00	0.00	0.03	0.01	146.64	ppb
Zirconium	91-1	-0.03	-0.01	-0.05	-0.03		ppb

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	PB154413BS	Instrumnet Name :	P8
Client Sample ID :	PB154413BS	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 17:16:34	DataFile Name :	025LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	10833.67	11490.30	9379.89	10567.96	10.22	ppb
Antimony	121-1	529.65	530.29	521.56	527.17	0.92	ppb
Arsenic	75-1	520.58	569.95	457.70	516.07	10.90	ppb
Barium	135-1	2661.86	2653.94	2602.29	2639.36	1.23	ppb
Barium	137-1	2637.02	2662.28	2609.65	2636.32	1.00	ppb
Beryllium	9-1	520.70	559.59	470.02	516.77	8.69	ppb
Bismuth	209-1				103		%
Bromine	81-1						cps
Cadmium	106-1	537.82	533.53	514.67	528.68	2.33	ppb
Cadmium	108-1	535.03	550.04	547.66	544.24	1.48	ppb
Cadmium	111-1	540.29	539.65	535.32	538.42	0.50	ppb
Calcium	43-1	57193.71	63070.79	50229.95	56831.48	11.31	ppb
Calcium	44-1	56891.94	63715.45	50300.73	56969.37	11.77	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	520.69	586.77	445.19	517.55	13.69	ppb
Cobalt	59-1	530.29	583.41	459.12	524.27	11.90	ppb
Copper	63-1	5505.46	5580.64	5472.09	5519.40	1.01	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				105		%
Indium	115-1				103		%
Iron	54-1						ppb
Iron	56-1	26992.59	30294.91	23951.15	27079.55	11.72	ppb
Iron	57-1	27544.28	30663.94	24308.93	27505.72	11.55	ppb
Krypton	83-1						cps
Lead	206-1	2639.78	3014.86	2294.18	2649.60	13.60	ppb
Lead	207-1	2612.74	2903.63	2295.84	2604.07	11.67	ppb
Lead	208-1	2643.87	2920.76	2290.17	2618.27	12.07	ppb
Lithium	6-1				101		%
Magnesium	24-1	53563.33	59066.10	47813.43	53480.95	10.52	ppb
Manganese	55-1	5196.40	5728.22	4621.81	5182.14	10.68	ppb
Molybdenum	94-1	5217.73	5803.27	4640.33	5220.44	11.14	ppb
Molybdenum	95-1	5190.17	5721.33	4548.72	5153.41	11.39	ppb
Molybdenum	96-1	5242.79	5713.40	4622.03	5192.74	10.54	ppb

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	PB154413BS	Instrumnet Name :	P8
Client Sample ID :	PB154413BS	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 17:16:34	DataFile Name :	025LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	5218.59	5770.57	4582.74	5190.63	11.45	ppb
Molybdenum	98-1	5156.49	5720.28	4561.62	5146.13	11.26	ppb
Neodymium	150-1						cps
Nickel	60-1	523.08	578.89	459.62	520.53	11.46	ppb
Phosphorus	31-1	10512.18	11416.26	8962.64	10297.03	12.05	ppb
Potassium	39-1	26961.08	29654.47	23433.57	26683.04	11.69	ppb
Rhodium	103-1				103		%
Scandium	45-1				102		%
Selenium	82-1	525.28	570.40	453.87	516.52	11.38	ppb
Selenium	77-1						ppb
Selenium	78-1						ppb
Silicon	28-1	310.81	329.85	266.01	302.22	10.85	ppb
Silver	109-1	526.40	537.30	522.72	528.80	1.43	ppb
Silver	107-1	525.15	532.61	517.02	524.93	1.49	ppb
Sodium	23-1	53428.45	57822.97	47576.11	52942.51	9.71	ppb
Strontium	86-1	13036.75	14421.00	11565.92	13007.89	10.98	ppb
Strontium	88-1	12989.80	14444.19	11348.15	12927.38	11.98	ppb
Sulfur	34-1	7449.45	14477.05	-3623.04	6101.16	149.56	ppb
Terbium	159-1				105		%
Thallium	203-1	512.06	566.02	449.41	509.16	11.46	ppb
Thallium	205-1	519.75	584.49	454.78	519.67	12.48	ppb
Tin	118-1	539.84	541.10	528.48	536.47	1.30	ppb
Titanium	47-1	5203.91	5722.77	4540.27	5155.65	11.50	ppb
Uranium	238-1	520.81	580.54	454.54	518.63	12.15	ppb
Vanadium	51-1	537.46	574.90	460.83	524.40	11.09	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				103		%
Zinc	66-1	5316.62	5752.25	4626.82	5231.90	10.85	ppb
Zirconium	90-1	511.37	560.77	446.96	506.37	11.27	ppb
Zirconium	91-1	515.25	563.96	452.05	510.42	10.99	ppb

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 17:20:32	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	49929.72	52084.41	51601.05	51205.06	2.21	ppb
Antimony	121-1	495.80	497.28	497.90	496.99	0.22	ppb
Arsenic	75-1	480.13	502.57	490.51	491.07	2.29	ppb
Barium	135-1	2474.21	2545.02	2528.87	2516.04	1.47	ppb
Barium	137-1	2474.31	2537.27	2501.81	2504.46	1.26	ppb
Beryllium	9-1	498.02	517.27	514.76	510.02	2.05	ppb
Bismuth	209-1				99		%
Bromine	81-1						cps
Cadmium	106-1	506.74	499.66	503.31	503.24	0.70	ppb
Cadmium	108-1	508.74	491.80	513.94	504.83	2.29	ppb
Cadmium	111-1	498.13	507.25	501.27	502.22	0.92	ppb
Calcium	43-1	246264.34	257877.07	252890.81	252344.07	2.31	ppb
Calcium	44-1	249596.68	262562.42	260764.15	257641.08	2.73	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	480.16	507.01	510.37	499.18	3.32	ppb
Cobalt	59-1	476.01	507.55	506.17	496.58	3.59	ppb
Copper	63-1	5199.02	5365.94	5337.53	5300.83	1.68	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				105		%
Indium	115-1				97		%
Iron	54-1						ppb
Iron	56-1	124044.19	130271.65	128438.20	127584.68	2.51	ppb
Iron	57-1	123727.86	130072.32	127983.42	127261.20	2.54	ppb
Krypton	83-1						cps
Lead	206-1	2465.53	2567.30	2606.56	2546.46	2.86	ppb
Lead	207-1	2468.74	2572.29	2589.16	2543.40	2.56	ppb
Lead	208-1	2454.75	2556.11	2577.62	2529.49	2.59	ppb
Lithium	6-1				97		%
Magnesium	24-1	245314.78	256973.90	254206.01	252164.90	2.42	ppb
Manganese	55-1	4822.23	5050.98	4966.75	4946.65	2.34	ppb
Molybdenum	94-1	4926.48	5158.43	5037.76	5040.89	2.30	ppb
Molybdenum	95-1	4964.66	5081.67	5000.85	5015.73	1.19	ppb
Molybdenum	96-1	4877.99	5082.75	5076.14	5012.29	2.32	ppb

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 17:20:32	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	4919.99	5094.32	5051.99	5022.10	1.81	ppb
Molybdenum	98-1	4819.78	5122.61	5039.40	4993.93	3.13	ppb
Neodymium	150-1						cps
Nickel	60-1	472.75	502.26	494.43	489.81	3.12	ppb
Phosphorus	31-1	9881.33	10490.18	10198.95	10190.15	2.99	ppb
Potassium	39-1	122371.26	129175.61	128127.36	126558.08	2.89	ppb
Rhodium	103-1				95		%
Scandium	45-1				99		%
Selenium	82-1	479.06	495.43	480.37	484.95	1.88	ppb
Selenium	77-1						ppb
Selenium	78-1						ppb
Silicon	28-1	467.43	490.03	477.04	478.16	2.37	ppb
Silver	109-1	480.61	499.73	487.42	489.25	1.98	ppb
Silver	107-1	478.78	494.56	490.67	488.00	1.68	ppb
Sodium	23-1	242101.77	256073.31	254471.35	250882.14	3.05	ppb
Strontium	86-1	12153.11	12618.98	12559.15	12443.75	2.04	ppb
Strontium	88-1	12037.39	12545.84	12509.01	12364.08	2.29	ppb
Sulfur	34-1	5171.27	8480.21	6787.19	6812.89	24.29	ppb
Terbium	159-1				103		%
Thallium	203-1	486.61	506.84	494.89	496.11	2.05	ppb
Thallium	205-1	486.27	520.10	478.13	494.83	4.50	ppb
Tin	118-1	505.14	506.62	503.85	505.20	0.27	ppb
Titanium	47-1	4849.57	5081.84	4931.79	4954.40	2.38	ppb
Uranium	238-1	505.79	524.36	508.20	512.78	1.97	ppb
Vanadium	51-1	491.32	521.77	506.30	506.46	3.01	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				101		%
Zinc	66-1	5113.91	5338.68	5300.77	5251.12	2.29	ppb
Zirconium	90-1	476.36	487.91	490.11	484.80	1.52	ppb
Zirconium	91-1	477.15	496.20	492.10	488.48	2.05	ppb

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 17:33:32	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	-0.11	-0.08	0.00	-0.06		ppb
Antimony	121-1	0.02	0.06	0.05	0.04	40.06	ppb
Arsenic	75-1	0.00	-0.01	-0.06	-0.02		ppb
Barium	135-1	-0.05	-0.08	-0.03	-0.05		ppb
Barium	137-1	-0.01	0.12	0.06	0.06	109.08	ppb
Beryllium	9-1	0.01	0.03	0.00	0.02	77.52	ppb
Bismuth	209-1				97		%
Bromine	81-1						cps
Cadmium	106-1	-0.07	-1.36	-0.71	-0.71		ppb
Cadmium	108-1	0.35	0.05	0.49	0.30	76.42	ppb
Cadmium	111-1	0.03	-0.07	-0.02	-0.02		ppb
Calcium	43-1	4.81	2.72	-7.10	0.15	4381.45	ppb
Calcium	44-1	-6.27	23.21	33.80	16.91	122.78	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	0.10	0.03	0.00	0.05	111.48	ppb
Cobalt	59-1	-0.02	0.02	0.01	0.01	351.74	ppb
Copper	63-1	0.24	0.18	0.22	0.21	15.54	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	3.49	9.07	9.10	7.22	44.69	ppb
Iron	57-1	-0.89	19.52	6.06	8.23	126.08	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.19	0.12	0.18	30.41	ppb
Lead	207-1	0.09	0.15	0.08	0.11	37.84	ppb
Lead	208-1	0.13	0.13	0.09	0.12	18.85	ppb
Lithium	6-1				97		%
Magnesium	24-1	0.70	0.39	0.68	0.59	29.89	ppb
Manganese	55-1	0.10	0.09	0.14	0.11	27.71	ppb
Molybdenum	94-1	0.14	0.06	0.03	0.08	71.82	ppb
Molybdenum	95-1	0.09	0.11	0.07	0.09	17.28	ppb
Molybdenum	96-1	0.03	0.11	0.10	0.08	53.50	ppb

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 17:33:32	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	0.14	0.07	0.11	0.11	33.30	ppb
Molybdenum	98-1	0.06	0.06	0.05	0.06	10.65	ppb
Neodymium	150-1						cps
Nickel	60-1	-0.09	-0.13	-0.16	-0.13		ppb
Phosphorus	31-1	-21.38	-15.57	-9.93	-15.63		ppb
Potassium	39-1	35.56	52.85	59.35	49.25	24.96	ppb
Rhodium	103-1				95		%
Scandium	45-1				96		%
Selenium	82-1	0.22	-0.03	0.29	0.16	106.36	ppb
Selenium	77-1						ppb
Selenium	78-1						ppb
Silicon	28-1	-0.09	0.83	1.63	0.79	109.02	ppb
Silver	109-1	0.00	0.01	0.00	0.01	86.58	ppb
Silver	107-1	0.00	0.01	0.00	0.00	300.18	ppb
Sodium	23-1	28.59	37.55	35.66	33.93	13.93	ppb
Strontium	86-1	0.00	0.26	-0.01	0.08	188.23	ppb
Strontium	88-1	0.01	-0.01	0.12	0.04	171.91	ppb
Sulfur	34-1	-1710.18	-1344.47	821.73	-744.30		ppb
Terbium	159-1				97		%
Thallium	203-1	0.03	0.11	0.13	0.09	62.31	ppb
Thallium	205-1	0.08	0.07	0.09	0.08	12.81	ppb
Tin	118-1	0.01	0.02	0.06	0.03	90.15	ppb
Titanium	47-1	-0.06	-0.13	0.09	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-1	-0.03	-0.02	0.00	-0.02		ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				97		%
Zinc	66-1	0.12	0.18	0.04	0.11	59.67	ppb
Zirconium	90-1	-0.01	0.01	0.00	0.00	25189.22	ppb
Zirconium	91-1	-0.03	-0.03	-0.03	-0.03		ppb

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 15:56:00	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	3824	4205	4115	4048	4.91	cps
Antimony	121-1	42	25	58	42	40.00	cps
Arsenic	75-1	67	117	67	83	34.64	cps
Barium	135-1	50	50	50	50	0.00	cps
Barium	137-1	25	75	33	44	60.28	cps
Beryllium	9-1	48	62	36	49	26.74	cps
Bismuth	209-1	1221985	1201656	1193057	1205566	1.23	cps
Bromine	81-1	991	1041	1101	1044	5.28	cps
Cadmium	106-1	433	550	500	494	11.84	cps
Cadmium	108-1	13	4	4	7	69.23	cps
Cadmium	111-1	303	395	360	352	13.13	cps
Calcium	43-1	231	237	212	227	5.73	cps
Calcium	44-1	61941	61891	62145	61992	0.22	cps
Carbon	12-1	1334225	1316411	1292155	1314264	1.61	cps
Chlorine	35-1	103359	101337	101110	101936	1.21	cps
Chromium	52-1	5016	4986	4976	4993	0.42	cps
Cobalt	59-1	230	200	210	214	7.16	cps
Copper	63-1	2887	2944	2984	2938	1.65	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Erbium	164-1	25	17	17	19	24.73	cps
Gadolinium	160-1	0	17	42	19	107.85	cps
Holmium	165-1	1823064	1791289	1756421	1790258	1.86	cps
Indium	115-1	1398816	1395413	1377681	1390637	0.82	cps
Iron	54-1						cps
Iron	56-1	667990	672643	665883	668839	0.52	cps
Iron	57-1	18872	17950	18521	18448	2.52	cps
Krypton	83-1	243	250	183	226	16.28	cps
Lead	206-1	394	361	339	365	7.66	cps
Lead	207-1	389	400	389	393	1.63	cps
Lead	208-1	1745	1545	1611	1633	6.23	cps
Lithium	6-1	393176	390516	390682	391458	0.38	cps
Magnesium	24-1	7239	6558	7119	6972	5.21	cps
Manganese	55-1	9753	9243	8952	9316	4.35	cps
Molybdenum	94-1	67	67	33	56	34.65	cps
Molybdenum	95-1	33	17	25	25	33.32	cps
Molybdenum	96-1	58	42	50	50	16.66	cps

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 15:56:00	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	0	8	0	3	173.21	cps
Molybdenum	98-1	33	17	33	28	34.63	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Nickel	60-1	290	360	300	317	11.96	cps
Phosphorus	31-1	32741	32820	32620	32727	0.31	cps
Potassium	39-1	2605708	2600317	2599189	2601738	0.13	cps
Rhodium	103-1	1428932	1462784	1383251	1424989	2.80	cps
Scandium	45-1	927228	936382	919657	927756	0.90	cps
Selenium	82-1	-37	-36	47	-9	-541.03	cps
Selenium	77-1						cps
Selenium	78-1						cps
Silicon	28-1	391068	388208	388951	389409	0.38	cps
Silver	109-1	17	17	0	11	86.60	cps
Silver	107-1	33	42	17	31	41.66	cps
Sodium	23-1	931931	927865	929089	929628	0.22	cps
Strontium	86-1	542	475	442	486	10.47	cps
Strontium	88-1	842	700	825	789	9.81	cps
Sulfur	34-1	371482	371099	369772	370784	0.24	cps
Terbium	159-1	1868312	1889480	1875913	1877902	0.57	cps
Thallium	203-1	133	167	150	150	11.11	cps
Thallium	205-1	275	358	267	300	16.90	cps
Tin	118-1	183	225	192	200	11.02	cps
Titanium	47-1	58	133	100	97	38.66	cps
Uranium	238-1	8	8	33	17	86.62	cps
Vanadium	51-1	230	210	270	237	12.91	cps
Ytterbium	172-1	25	8	0	11	114.58	cps
Ytterbium	176-1	275	167	167	203	30.85	cps
Yttrium	89-1	2544107	2592543	2549320	2561990	1.04	cps
Zinc	66-1	250	330	280	287	14.10	cps
Zirconium	90-1	50	92	100	81	33.25	cps
Zirconium	91-1	8	33	33	25	57.74	cps

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:02:08	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	41240	41301	41060	41200	0.30	cps
Antimony	121-1	3184	3284	3125	3198	2.50	cps
Arsenic	75-1	567	533	542	547	3.17	cps
Barium	135-1	3159	2784	2525	2823	11.29	cps
Barium	137-1	5176	4868	5193	5079	3.60	cps
Beryllium	9-1	422	470	460	451	5.62	cps
Bismuth	209-1	1151661	1203391	1243946	1199666	3.86	cps
Bromine	81-1	1001	1211	961	1058	12.71	cps
Cadmium	106-1	458	550	475	494	9.88	cps
Cadmium	108-1	25	21	46	31	43.84	cps
Cadmium	111-1	641	804	671	705	12.28	cps
Calcium	43-1	2114	2160	2124	2132	1.14	cps
Calcium	44-1	91933	92100	92684	92239	0.43	cps
Carbon	12-1	1310782	1324326	1323309	1319472	0.57	cps
Chlorine	35-1	105256	104022	103620	104299	0.82	cps
Chromium	52-1	10435	10675	9854	10321	4.09	cps
Cobalt	59-1	2913	2963	3184	3020	4.76	cps
Copper	63-1	5878	6115	6175	6056	2.59	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Erbium	164-1	17	17	8	14	34.67	cps
Gadolinium	160-1	25	0	33	19	89.21	cps
Holmium	165-1	1715655	1757558	1885461	1786225	4.95	cps
Indium	115-1	1313052	1377907	1432855	1374605	4.36	cps
Iron	54-1						cps
Iron	56-1	823601	818739	821329	821223	0.30	cps
Iron	57-1	22551	22120	21989	22220	1.32	cps
Krypton	83-1	243	237	217	232	5.98	cps
Lead	206-1	1528	1533	1628	1563	3.60	cps
Lead	207-1	1178	1311	1378	1289	7.90	cps
Lead	208-1	5845	6006	6395	6082	4.65	cps
Lithium	6-1	376530	386166	394913	385870	2.38	cps
Magnesium	24-1	775776	760826	783567	773390	1.49	cps
Manganese	55-1	12589	13240	12929	12919	2.52	cps
Molybdenum	94-1	2992	2775	2650	2806	6.16	cps
Molybdenum	95-1	3459	3209	3351	3339	3.76	cps
Molybdenum	96-1	3901	3776	3934	3870	2.16	cps

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:02:08	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	2175	2167	1967	2103	5.61	cps
Molybdenum	98-1	5710	5660	5743	5704	0.74	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Nickel	60-1	1101	1081	851	1011	13.76	cps
Phosphorus	31-1	34386	34305	35681	34791	2.22	cps
Potassium	39-1	3523813	3450991	3497869	3490891	1.06	cps
Rhodium	103-1	1363265	1402840	1493275	1419793	4.69	cps
Scandium	45-1	892997	926256	966313	928522	3.95	cps
Selenium	82-1	105	103	133	114	14.41	cps
Selenium	77-1						cps
Selenium	78-1						cps
Silicon	28-1	396922	397601	398546	397690	0.21	cps
Silver	109-1	1475	1717	1834	1675	10.91	cps
Silver	107-1	1600	1917	1909	1809	9.98	cps
Sodium	23-1	1919396	1889911	1897530	1902279	0.80	cps
Strontium	86-1	650	900	708	753	17.37	cps
Strontium	88-1	4251	4384	4526	4387	3.14	cps
Sulfur	34-1	374636	374831	374257	374575	0.08	cps
Terbium	159-1	1759815	1874660	1911451	1848642	4.28	cps
Thallium	203-1	1550	1267	1383	1400	10.17	cps
Thallium	205-1	3276	3326	3326	3309	0.87	cps
Tin	118-1	6068	5610	5510	5729	5.20	cps
Titanium	47-1	967	1083	1125	1058	7.75	cps
Uranium	238-1	4101	4234	4076	4137	2.06	cps
Vanadium	51-1	13470	13861	14552	13961	3.93	cps
Ytterbium	172-1	8	17	17	14	34.67	cps
Ytterbium	176-1	200	192	175	189	6.74	cps
Yttrium	89-1	2471378	2573086	2657443	2567302	3.63	cps
Zinc	66-1	1281	1532	1191	1335	13.21	cps
Zirconium	90-1	2492	2225	2242	2320	6.44	cps
Zirconium	91-1	558	458	517	511	9.83	cps

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:05:11	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	2005889	1974555	2027861	2002768	1.34	cps
Antimony	121-1	85811	87949	88377	87379	1.57	cps
Arsenic	75-1	26259	26033	26534	26275	0.95	cps
Barium	135-1	77782	77496	77606	77628	0.19	cps
Barium	137-1	136905	137764	135905	136858	0.68	cps
Beryllium	9-1	19333	19591	19717	19547	1.00	cps
Bismuth	209-1	1265300	1267973	1182797	1238690	3.91	cps
Bromine	81-1	1181	1001	1151	1111	8.69	cps
Cadmium	106-1	2700	2567	2725	2664	3.19	cps
Cadmium	108-1	1413	1442	1442	1432	1.18	cps
Cadmium	111-1	20774	20185	20821	20593	1.72	cps
Calcium	43-1	23076	23121	23139	23112	0.14	cps
Calcium	44-1	410971	416163	414816	413983	0.65	cps
Carbon	12-1	1330247	1333672	1304519	1322813	1.20	cps
Chlorine	35-1	112804	111083	111444	111777	0.81	cps
Chromium	52-1	134067	136167	139504	136579	2.01	cps
Cobalt	59-1	148386	151238	149103	149576	0.99	cps
Copper	63-1	852306	867507	871632	863815	1.18	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Erbium	164-1	42	8	8	19	99.00	cps
Gadolinium	160-1	17	17	0	11	86.60	cps
Holmium	165-1	1913742	1874937	1779697	1856125	3.72	cps
Indium	115-1	1464498	1463710	1370031	1432747	3.79	cps
Iron	54-1						cps
Iron	56-1	8014511	8003213	8004077	8007267	0.08	cps
Iron	57-1	194739	195741	198179	196220	0.90	cps
Krypton	83-1	187	200	217	201	7.47	cps
Lead	206-1	282438	284184	285823	284148	0.60	cps
Lead	207-1	248572	247533	246255	247453	0.47	cps
Lead	208-1	1139600	1141048	1139785	1140144	0.07	cps
Lithium	6-1	408930	410312	388932	402725	2.97	cps
Magnesium	24-1	8393347	8476635	8398822	8422935	0.55	cps
Manganese	55-1	1739826	1745590	1729661	1738359	0.46	cps
Molybdenum	94-1	256352	254634	255557	255514	0.34	cps
Molybdenum	95-1	370024	370553	373480	371352	0.50	cps
Molybdenum	96-1	400740	405715	403525	403326	0.62	cps

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:05:11	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	225788	230094	231184	229022	1.25	cps
Molybdenum	98-1	598016	594801	605483	599433	0.91	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Nickel	60-1	33634	33945	33193	33591	1.13	cps
Phosphorus	31-1	151119	153781	151677	152192	0.92	cps
Potassium	39-1	7554469	7656789	7598894	7603384	0.67	cps
Rhodium	103-1	1567556	1541634	1414287	1507826	5.44	cps
Scandium	45-1	987677	989936	927693	968435	3.65	cps
Selenium	82-1	1448	1376	1395	1407	2.65	cps
Selenium	77-1						cps
Selenium	78-1						cps
Silicon	28-1	981545	989741	993145	988144	0.60	cps
Silver	109-1	91361	91100	91638	91366	0.29	cps
Silver	107-1	93743	96025	94423	94730	1.24	cps
Sodium	23-1	11659522	11718538	11780603	11719554	0.52	cps
Strontium	86-1	535991	525536	530936	530821	0.98	cps
Strontium	88-1	4635335	4503808	4604520	4581221	1.50	cps
Sulfur	34-1	382637	384892	385113	384214	0.36	cps
Terbium	159-1	1995455	1969088	1869082	1944542	3.43	cps
Thallium	203-1	66671	67459	68573	67568	1.41	cps
Thallium	205-1	161016	163269	163547	162611	0.85	cps
Tin	118-1	57504	57137	58576	57739	1.30	cps
Titanium	47-1	102055	101534	101424	101671	0.33	cps
Uranium	238-1	218141	219838	221234	219738	0.70	cps
Vanadium	51-1	147683	145893	149017	147531	1.06	cps
Ytterbium	172-1	0	8	0	3	173.21	cps
Ytterbium	176-1	508	400	508	472	13.24	cps
Yttrium	89-1	2753411	2685814	2532314	2657180	4.26	cps
Zinc	66-1	253506	254940	256773	255073	0.64	cps
Zirconium	90-1	124191	123585	124074	123950	0.26	cps
Zirconium	91-1	27887	27895	27753	27845	0.29	cps

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:08:16	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	4851429	4818782	4901088	4857100	0.85	cps
Antimony	121-1	222060	220273	218541	220292	0.80	cps
Arsenic	75-1	65896	64306	65661	65288	1.32	cps
Barium	135-1	202599	195438	196907	198315	1.91	cps
Barium	137-1	348986	346144	342751	345961	0.90	cps
Beryllium	9-1	48630	48010	48636	48425	0.74	cps
Bismuth	209-1	1188777	1214695	1153410	1185627	2.59	cps
Bromine	81-1	941	1452	1081	1158	22.78	cps
Cadmium	106-1	5576	5493	5268	5446	2.93	cps
Cadmium	108-1	3738	3546	3513	3599	3.38	cps
Cadmium	111-1	50855	50078	50244	50392	0.81	cps
Calcium	43-1	57242	57143	57267	57217	0.11	cps
Calcium	44-1	945317	937303	933058	938559	0.66	cps
Carbon	12-1	1433903	1445445	1434911	1438086	0.44	cps
Chlorine	35-1	110630	110554	110294	110492	0.16	cps
Chromium	52-1	335193	331701	341420	336105	1.46	cps
Cobalt	59-1	371298	369853	368562	369905	0.37	cps
Copper	63-1	2201715	2215599	2224715	2214009	0.52	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Erbium	164-1	8	17	25	17	50.01	cps
Gadolinium	160-1	17	33	33	28	34.63	cps
Holmium	165-1	1756948	1818358	1727955	1767754	2.61	cps
Indium	115-1	1359980	1385129	1306182	1350431	2.99	cps
Iron	54-1						cps
Iron	56-1	18965103	19104509	19164052	19077888	0.54	cps
Iron	57-1	463789	461555	461967	462437	0.26	cps
Krypton	83-1	270	267	257	264	2.62	cps
Lead	206-1	721308	709443	712949	714567	0.85	cps
Lead	207-1	626197	619366	616410	620658	0.81	cps
Lead	208-1	2890282	2850110	2825411	2855267	1.15	cps
Lithium	6-1	384900	392226	371754	382960	2.71	cps
Magnesium	24-1	20685281	20968221	21068861	20907454	0.95	cps
Manganese	55-1	4299900	4318629	4320466	4312998	0.26	cps
Molybdenum	94-1	636798	642761	644239	641266	0.61	cps
Molybdenum	95-1	930588	927399	946305	934764	1.08	cps
Molybdenum	96-1	1014007	1005452	1026239	1015232	1.03	cps

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:08:16	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	575174	573399	576085	574886	0.24	cps
Molybdenum	98-1	1495228	1511737	1522248	1509738	0.90	cps
Neodymium	150-1	20	0	33	18	94.37	cps
Nickel	60-1	85834	83508	82411	83918	2.08	cps
Phosphorus	31-1	332744	327695	327003	329147	0.95	cps
Potassium	39-1	14989775	14987309	14993933	14990339	0.02	cps
Rhodium	103-1	1376223	1417998	1333415	1375878	3.07	cps
Scandium	45-1	899807	942789	865694	902763	4.28	cps
Selenium	82-1	3459	3370	3304	3378	2.31	cps
Selenium	77-1						cps
Selenium	78-1						cps
Silicon	28-1	1511352	1515406	1506100	1510953	0.31	cps
Silver	109-1	232632	228710	228758	230034	0.98	cps
Silver	107-1	233472	235316	233240	234009	0.49	cps
Sodium	23-1	27723297	27868339	28079383	27890340	0.64	cps
Strontium	86-1	1325835	1323567	1326766	1325389	0.12	cps
Strontium	88-1	11442562	11468019	11554532	11488371	0.51	cps
Sulfur	34-1	376176	376568	372673	375139	0.57	cps
Terbium	159-1	1847674	1909839	1763935	1840483	3.98	cps
Thallium	203-1	171870	169523	172893	171429	1.01	cps
Thallium	205-1	406341	405742	404009	405364	0.30	cps
Tin	118-1	141391	140844	141711	141315	0.31	cps
Titanium	47-1	251894	255115	254250	253753	0.66	cps
Uranium	238-1	549121	558007	554439	553856	0.81	cps
Vanadium	51-1	371428	371189	374010	372209	0.42	cps
Ytterbium	172-1	8	58	17	28	96.44	cps
Ytterbium	176-1	983	908	1033	975	6.45	cps
Yttrium	89-1	2519699	2640914	2417366	2525993	4.43	cps
Zinc	66-1	630518	626572	632988	630026	0.51	cps
Zirconium	90-1	312001	315752	309932	312562	0.94	cps
Zirconium	91-1	68744	68837	70169	69250	1.15	cps

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:11:20	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	9237702	9345282	9363807	9315597	0.73	cps
Antimony	121-1	415219	428688	438584	427497	2.74	cps
Arsenic	75-1	122597	124472	127701	124923	2.07	cps
Barium	135-1	373129	380901	387915	380648	1.94	cps
Barium	137-1	654935	668691	677497	667041	1.70	cps
Beryllium	9-1	89881	92303	94670	92285	2.59	cps
Bismuth	209-1	1207883	1158267	1206706	1190952	2.38	cps
Bromine	81-1	1091	961	981	1011	6.93	cps
Cadmium	106-1	9754	10321	10546	10207	4.00	cps
Cadmium	108-1	7027	7139	7452	7206	3.06	cps
Cadmium	111-1	95377	97990	99033	97467	1.93	cps
Calcium	43-1	107723	109979	110875	109526	1.48	cps
Calcium	44-1	1756165	1794361	1805058	1785195	1.44	cps
Carbon	12-1	1381445	1412176	1390921	1394847	1.13	cps
Chlorine	35-1	107773	105609	110746	108043	2.39	cps
Chromium	52-1	636430	634549	648632	639870	1.19	cps
Cobalt	59-1	683621	717498	718271	706464	2.80	cps
Copper	63-1	4132293	4228102	4292819	4217738	1.91	cps
Dysprosium	156-1	17	33	17	22	43.28	cps
Erbium	164-1	75	33	33	47	50.95	cps
Gadolinium	160-1	25	17	33	25	33.32	cps
Holmium	165-1	1799485	1770349	1821313	1797049	1.42	cps
Indium	115-1	1376665	1324885	1350318	1350623	1.92	cps
Iron	54-1						cps
Iron	56-1	35058672	35550552	35949782	35519669	1.26	cps
Iron	57-1	849476	875486	884445	869802	2.09	cps
Krypton	83-1	257	207	243	236	10.99	cps
Lead	206-1	1365220	1390615	1419661	1391832	1.96	cps
Lead	207-1	1197635	1217064	1235203	1216634	1.54	cps
Lead	208-1	5734731	5743773	5888382	5788962	1.49	cps
Lithium	6-1	384897	374359	385328	381528	1.63	cps
Magnesium	24-1	39597805	40206705	41072788	40292433	1.84	cps
Manganese	55-1	8139631	8356270	8332840	8276247	1.44	cps
Molybdenum	94-1	1215241	1226622	1232475	1224779	0.72	cps
Molybdenum	95-1	1793198	1799152	1829074	1807141	1.06	cps
Molybdenum	96-1	1953522	2022941	2043562	2006675	2.35	cps

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:11:20	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	1085461	1118374	1139176	1114337	2.43	cps
Molybdenum	98-1	2887064	2933896	3056555	2959171	2.96	cps
Neodymium	150-1	20	20	13	18	21.66	cps
Nickel	60-1	155862	165832	157694	159796	3.32	cps
Phosphorus	31-1	597052	609326	617279	607886	1.68	cps
Potassium	39-1	26075586	26281853	27006178	26454539	1.85	cps
Rhodium	103-1	1435300	1352012	1377594	1388302	3.07	cps
Scandium	45-1	912750	897439	910244	906811	0.91	cps
Selenium	82-1	6558	6810	6754	6707	1.98	cps
Selenium	77-1						cps
Selenium	78-1						cps
Silicon	28-1	2483889	2497950	2526969	2502936	0.88	cps
Silver	109-1	435415	448318	452014	445249	1.96	cps
Silver	107-1	447293	459474	455780	454182	1.38	cps
Sodium	23-1	52700007	53139762	54599117	53479629	1.86	cps
Strontium	86-1	2497131	2646086	2678373	2607197	3.71	cps
Strontium	88-1	21902569	22621887	22690914	22405123	1.95	cps
Sulfur	34-1	374149	372259	377264	374557	0.67	cps
Terbium	159-1	1929877	1791335	1835128	1852114	3.82	cps
Thallium	203-1	327572	331962	338524	332686	1.66	cps
Thallium	205-1	778669	779158	809658	789162	2.25	cps
Tin	118-1	268806	276986	278904	274899	1.95	cps
Titanium	47-1	472471	486590	492703	483921	2.14	cps
Uranium	238-1	1054808	1090996	1101263	1082356	2.25	cps
Vanadium	51-1	704134	720986	727406	717509	1.68	cps
Ytterbium	172-1	33	17	25	25	33.32	cps
Ytterbium	176-1	1558	1692	1658	1636	4.24	cps
Yttrium	89-1	2543021	2502578	2519666	2521755	0.81	cps
Zinc	66-1	1183888	1189953	1230953	1201598	2.13	cps
Zirconium	90-1	590192	619857	612530	607526	2.54	cps
Zirconium	91-1	134538	132013	135798	134116	1.44	cps

LB Number : LB126874 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired : 2023-08-14 16:14:25 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	18930429	18908749	19347384	19062187	1.30	cps
Antimony	121-1	878873	864548	873959	872460	0.83	cps
Arsenic	75-1	259294	256571	253265	256376	1.18	cps
Barium	135-1	783724	798103	785032	788953	1.01	cps
Barium	137-1	1361056	1378719	1366510	1368762	0.66	cps
Beryllium	9-1	190144	189352	188293	189263	0.49	cps
Bismuth	209-1	1181822	1210436	1244726	1212328	2.60	cps
Bromine	81-1	1081	1061	1071	1071	0.93	cps
Cadmium	106-1	20558	20482	19639	20226	2.52	cps
Cadmium	108-1	14408	14971	14733	14704	1.92	cps
Cadmium	111-1	200138	197544	197650	198444	0.74	cps
Calcium	43-1	221635	223606	223360	222867	0.48	cps
Calcium	44-1	3535867	3564577	3536904	3545783	0.46	cps
Carbon	12-1	1342457	1329035	1361076	1344190	1.20	cps
Chlorine	35-1	113309	113728	113207	113414	0.24	cps
Chromium	52-1	1301933	1344340	1327752	1324675	1.61	cps
Cobalt	59-1	1466500	1484081	1496346	1482309	1.01	cps
Copper	63-1	8468332	8454302	8483818	8468817	0.17	cps
Dysprosium	156-1	50	33	33	39	24.75	cps
Erbium	164-1	17	25	17	19	24.73	cps
Gadolinium	160-1	58	33	42	44	28.65	cps
Holmium	165-1	1824029	1848876	1926686	1866530	2.87	cps
Indium	115-1	1355492	1372724	1394069	1374095	1.41	cps
Iron	54-1						cps
Iron	56-1	71278408	71865500	71686254	71610054	0.42	cps
Iron	57-1	1749492	1793988	1749874	1764452	1.45	cps
Krypton	83-1	223	197	230	217	8.14	cps
Lead	206-1	3079441	3131246	3097763	3102817	0.85	cps
Lead	207-1	2681322	2631357	2674563	2662414	1.02	cps
Lead	208-1	12261381	12298190	12306685	12288752	0.20	cps
Lithium	6-1	381471	390614	394919	389002	1.77	cps
Magnesium	24-1	82833080	81808273	81734006	82125120	0.75	cps
Manganese	55-1	16552209	16988857	16817944	16786337	1.31	cps
Molybdenum	94-1	2542945	2519941	2534470	2532452	0.46	cps
Molybdenum	95-1	3722307	3701701	3693356	3705788	0.40	cps
Molybdenum	96-1	4053237	3997428	4100542	4050402	1.27	cps

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:14:25	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	2286517	2261340	2284228	2277362	0.61	cps
Molybdenum	98-1	5788211	5988095	5923931	5900079	1.73	cps
Neodymium	150-1	53	13	27	31	65.47	cps
Nickel	60-1	326392	323933	321263	323863	0.79	cps
Phosphorus	31-1	1167719	1185329	1183645	1178898	0.82	cps
Potassium	39-1	52086822	51960695	51595170	51880896	0.49	cps
Rhodium	103-1	1365171	1381760	1422928	1389953	2.14	cps
Scandium	45-1	912261	921530	941821	925204	1.63	cps
Selenium	82-1	13582	13681	13803	13689	0.81	cps
Selenium	77-1						cps
Selenium	78-1						cps
Silicon	28-1	4647048	4665462	4647428	4653313	0.23	cps
Silver	109-1	903235	905905	904759	904633	0.15	cps
Silver	107-1	920563	930368	929865	926932	0.60	cps
Sodium	23-1	107541170	106743425	108692096	107658897	0.91	cps
Strontium	86-1	5257088	5276912	5249826	5261276	0.27	cps
Strontium	88-1	44790569	45500502	45113628	45134900	0.79	cps
Sulfur	34-1	406985	402883	396257	402042	1.35	cps
Terbium	159-1	1896027	1943645	1913960	1917877	1.25	cps
Thallium	203-1	688886	683512	685186	685862	0.40	cps
Thallium	205-1	1701168	1700813	1732208	1711396	1.05	cps
Tin	118-1	565085	559988	563268	562780	0.46	cps
Titanium	47-1	997511	1003432	1006910	1002618	0.47	cps
Uranium	238-1	2338970	2382117	2322858	2347982	1.30	cps
Vanadium	51-1	1467839	1461233	1485862	1471645	0.87	cps
Ytterbium	172-1	42	50	42	44	10.82	cps
Ytterbium	176-1	3067	3367	3100	3178	5.18	cps
Yttrium	89-1	2519864	2583283	2615289	2572812	1.89	cps
Zinc	66-1	2547697	2528808	2539049	2538518	0.37	cps
Zirconium	90-1	1239837	1247251	1242607	1243232	0.30	cps
Zirconium	91-1	275125	272512	273529	273722	0.48	cps

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:20:35	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	36514069	37032545	37167720	36904778	0.93	cps
Antimony	121-1	1712647	1746233	1788726	1749202	2.18	cps
Arsenic	75-1	492842	493758	500167	495589	0.81	cps
Barium	135-1	1528254	1589485	1596954	1571564	2.40	cps
Barium	137-1	2709626	2739749	2808237	2752537	1.84	cps
Beryllium	9-1	363230	365280	365041	364517	0.31	cps
Bismuth	209-1	1105417	1204900	1217898	1176071	5.23	cps
Bromine	81-1	961	871	911	914	4.94	cps
Cadmium	106-1	40025	38287	39524	39279	2.28	cps
Cadmium	108-1	27753	27498	27845	27699	0.65	cps
Cadmium	111-1	382235	380005	385478	382573	0.72	cps
Calcium	43-1	433181	430830	437292	433768	0.75	cps
Calcium	44-1	6763851	6669282	6723362	6718832	0.71	cps
Carbon	12-1	1403464	1450667	1452514	1435548	1.94	cps
Chlorine	35-1	110956	108925	111713	110531	1.30	cps
Chromium	52-1	2549321	2536980	2565986	2550762	0.57	cps
Cobalt	59-1	2827570	2846255	2878303	2850709	0.90	cps
Copper	63-1	16176550	16391601	16499504	16355885	1.01	cps
Dysprosium	156-1	133	125	83	114	23.52	cps
Erbium	164-1	42	50	17	36	48.03	cps
Gadolinium	160-1	25	158	75	86	78.22	cps
Holmium	165-1	1636641	1827967	1824680	1763096	6.21	cps
Indium	115-1	1224667	1323235	1346134	1298012	4.97	cps
Iron	54-1						cps
Iron	56-1	137648369	138983959	139536907	138723078	0.70	cps
Iron	57-1	3374924	3296076	3310226	3327075	1.26	cps
Krypton	83-1	207	223	200	210	5.72	cps
Lead	206-1	5935249	6053643	6048735	6012542	1.11	cps
Lead	207-1	5200546	5227229	5205910	5211228	0.27	cps
Lead	208-1	23694726	23996234	24113231	23934730	0.90	cps
Lithium	6-1	355961	383886	383697	374515	4.29	cps
Magnesium	24-1	159083633	158037977	161846266	159655959	1.23	cps
Manganese	55-1	32484542	32301485	32878759	32554929	0.91	cps
Molybdenum	94-1	4836022	4856907	4924117	4872349	0.94	cps
Molybdenum	95-1	7150466	7106839	7243569	7166958	0.97	cps
Molybdenum	96-1	7718041	7781271	7866063	7788459	0.95	cps

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:20:35	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	4350634	4397787	4435480	4394634	0.97	cps
Molybdenum	98-1	11388495	11615604	11673660	11559253	1.30	cps
Neodymium	150-1	73	53	53	60	19.25	cps
Nickel	60-1	616908	617381	620939	618409	0.36	cps
Phosphorus	31-1	2230137	2249739	2279808	2253228	1.11	cps
Potassium	39-1	96965842	98017529	98521070	97834814	0.81	cps
Rhodium	103-1	1252633	1354362	1355987	1320994	4.48	cps
Scandium	45-1	830266	889591	900047	873301	4.31	cps
Selenium	82-1	26299	26245	26654	26400	0.84	cps
Selenium	77-1						cps
Selenium	78-1						cps
Silicon	28-1	8329558	8214829	8258398	8267595	0.70	cps
Silver	109-1	1771309	1801035	1828774	1800373	1.60	cps
Silver	107-1	1856945	1838209	1859765	1851640	0.63	cps
Sodium	23-1	206360438	208135263	205107761	206534487	0.74	cps
Strontium	86-1	10085828	10199797	10313161	10199595	1.11	cps
Strontium	88-1	87554321	89780625	89193210	88842719	1.30	cps
Sulfur	34-1	447008	444654	448313	446658	0.42	cps
Terbium	159-1	1689377	1864123	1886771	1813424	5.96	cps
Thallium	203-1	1356841	1342721	1360059	1353207	0.68	cps
Thallium	205-1	3311368	3406818	3343670	3353952	1.45	cps
Tin	118-1	1086390	1091790	1109077	1095752	1.08	cps
Titanium	47-1	1912700	1943345	1910101	1922048	0.96	cps
Uranium	238-1	4588997	4604898	4665584	4619826	0.87	cps
Vanadium	51-1	2822684	2852659	2867357	2847567	0.80	cps
Ytterbium	172-1	58	25	50	44	39.03	cps
Ytterbium	176-1	5851	6168	6335	6118	4.01	cps
Yttrium	89-1	2316562	2526755	2544962	2462760	5.15	cps
Zinc	66-1	4811817	4853225	4975072	4880038	1.74	cps
Zirconium	90-1	2420713	2442046	2451612	2438124	0.65	cps
Zirconium	91-1	526298	530417	537682	531466	1.08	cps

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:23:38	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	175510649	182135279	183464253	180370060	2.36	cps
Antimony	121-1	758	1058	1317	1045	26.75	cps
Arsenic	75-1	208	308	217	244	22.70	cps
Barium	135-1	1050	992	1100	1047	5.18	cps
Barium	137-1	1750	1900	1909	1853	4.81	cps
Beryllium	9-1	126	96	122	115	14.21	cps
Bismuth	209-1	1188717	1204459	1180306	1191160	1.03	cps
Bromine	81-1	1502	1502	2082	1695	19.78	cps
Cadmium	106-1	508	542	492	514	4.95	cps
Cadmium	108-1	50	33	33	39	24.75	cps
Cadmium	111-1	517	635	508	553	12.80	cps
Calcium	43-1	1964933	1971902	1994933	1977256	0.79	cps
Calcium	44-1	30941950	31272676	32004500	31406376	1.73	cps
Carbon	12-1	1492876	1611685	1677239	1593934	5.86	cps
Chlorine	35-1	116492	118113	119297	117967	1.19	cps
Chromium	52-1	18501	19002	19573	19025	2.82	cps
Cobalt	59-1	6438	7350	7590	7126	8.53	cps
Copper	63-1	13643	13697	13800	13713	0.58	cps
Dysprosium	156-1	317	233	350	300	20.03	cps
Erbium	164-1	42	50	50	47	10.18	cps
Gadolinium	160-1	333	375	333	347	6.93	cps
Holmium	165-1	1834428	1848764	1853923	1845705	0.55	cps
Indium	115-1	1341597	1331904	1320871	1331457	0.78	cps
Iron	54-1						cps
Iron	56-1	659692209	668885542	688994690	672524147	2.23	cps
Iron	57-1	15771125	16266629	16205919	16081224	1.68	cps
Krypton	83-1	223	187	220	210	9.66	cps
Lead	206-1	3000	3156	3189	3115	3.24	cps
Lead	207-1	2756	2889	2934	2860	3.24	cps
Lead	208-1	12358	12831	13281	12823	3.60	cps
Lithium	6-1	376869	380036	374422	377109	0.75	cps
Magnesium	24-1	777109422	785233946	787112685	783152018	0.68	cps
Manganese	55-1	32119	34517	33363	33333	3.60	cps
Molybdenum	94-1	1417	1208	1317	1314	7.93	cps
Molybdenum	95-1	1383	1358	1542	1428	6.96	cps
Molybdenum	96-1	1942	1942	1733	1872	6.43	cps

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:23:38	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	967	925	908	933	3.22	cps
Molybdenum	98-1	2700	2409	2750	2620	7.04	cps
Neodymium	150-1	47	80	33	53	45.07	cps
Nickel	60-1	3554	4165	3814	3844	7.97	cps
Phosphorus	31-1	30383	30644	31416	30814	1.74	cps
Potassium	39-1	466940144	479632976	477473126	474682082	1.43	cps
Rhodium	103-1	1318728	1333629	1324476	1325611	0.57	cps
Scandium	45-1	894424	890915	900679	895339	0.55	cps
Selenium	82-1	127	201	132	153	27.17	cps
Selenium	77-1						cps
Selenium	78-1						cps
Silicon	28-1	940689	1088847	1067798	1032445	7.76	cps
Silver	109-1	400	375	317	364	11.75	cps
Silver	107-1	350	342	375	356	4.88	cps
Sodium	23-1	1013846030	1002986932	1027843728	1014892230	1.23	cps
Strontium	86-1	1308	1350	1475	1378	6.30	cps
Strontium	88-1	8753	9053	8236	8681	4.76	cps
Sulfur	34-1	336619	335588	341662	337957	0.96	cps
Terbium	159-1	1945104	1922859	1925369	1931111	0.63	cps
Thallium	203-1	467	567	550	528	10.15	cps
Thallium	205-1	1325	1500	1375	1400	6.44	cps
Tin	118-1	867	892	858	872	1.99	cps
Titanium	47-1	233	375	458	356	32.00	cps
Uranium	238-1	458	550	525	511	9.27	cps
Vanadium	51-1	861	801	1051	904	14.45	cps
Ytterbium	172-1	42	50	33	42	20.00	cps
Ytterbium	176-1	158	183	175	172	7.39	cps
Yttrium	89-1	2575027	2521821	2514009	2536952	1.31	cps
Zinc	66-1	11326	11166	11637	11376	2.10	cps
Zirconium	90-1	1075	1142	1042	1086	4.69	cps
Zirconium	91-1	183	250	142	192	28.51	cps

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:32:58	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	981583	985887	976157	981209	0.50	cps
Antimony	121-1	351029	347573	344829	347810	0.89	cps
Arsenic	75-1	105082	105905	104385	105124	0.72	cps
Barium	135-1	32874	31387	30735	31665	3.46	cps
Barium	137-1	55698	57214	55456	56123	1.70	cps
Beryllium	9-1	39276	39675	39072	39341	0.78	cps
Bismuth	209-1	1205789	1146004	1194259	1182017	2.68	cps
Bromine	81-1	1281	921	1011	1071	17.51	cps
Cadmium	106-1	6785	6910	6969	6888	1.36	cps
Cadmium	108-1	4276	4355	4292	4308	0.97	cps
Cadmium	111-1	41564	42398	42788	42250	1.48	cps
Calcium	43-1	9254	9182	8810	9082	2.62	cps
Calcium	44-1	197043	196194	196319	196519	0.23	cps
Carbon	12-1	1588080	1574438	1601851	1588123	0.86	cps
Chlorine	35-1	117491	114945	114627	115688	1.36	cps
Chromium	52-1	267071	271702	270417	269730	0.89	cps
Cobalt	59-1	298658	295017	293530	295735	0.89	cps
Copper	63-1	171159	171975	169593	170909	0.71	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Erbium	164-1	42	17	8	22	78.07	cps
Gadolinium	160-1	50	17	0	22	114.56	cps
Holmium	165-1	1819621	1688819	1790734	1766391	3.89	cps
Indium	115-1	1364419	1275337	1334433	1324730	3.42	cps
Iron	54-1						cps
Iron	56-1	6417924	6351861	6455930	6408572	0.82	cps
Iron	57-1	156013	156175	157024	156404	0.35	cps
Krypton	83-1	200	230	213	214	7.01	cps
Lead	206-1	250596	256289	254041	253642	1.13	cps
Lead	207-1	213108	214791	210264	212721	1.08	cps
Lead	208-1	987092	1001753	994486	994444	0.74	cps
Lithium	6-1	398109	378459	390591	389053	2.55	cps
Magnesium	24-1	1908852	1907386	1913663	1909967	0.17	cps
Manganese	55-1	350970	351482	345107	349186	1.01	cps
Molybdenum	94-1	2601616	2594926	2552423	2582988	1.03	cps
Molybdenum	95-1	3783382	3752401	3735582	3757122	0.65	cps
Molybdenum	96-1	4078364	4099975	4013271	4063870	1.11	cps

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:32:58	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	2313551	2298457	2295000	2302336	0.43	cps
Molybdenum	98-1	6025668	6012543	5861147	5966453	1.53	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Nickel	60-1	72285	70927	71380	71531	0.97	cps
Phosphorus	31-1	30453	30744	31607	30935	1.94	cps
Potassium	39-1	6469340	6512912	6471359	6484537	0.38	cps
Rhodium	103-1	1435367	1334202	1363952	1377840	3.77	cps
Scandium	45-1	917210	863838	892773	891274	3.00	cps
Selenium	82-1	5738	5684	5668	5697	0.64	cps
Selenium	77-1						cps
Selenium	78-1						cps
Silicon	28-1	916108	937193	934464	929255	1.23	cps
Silver	109-1	90119	91671	90153	90648	0.98	cps
Silver	107-1	94078	94515	92753	93782	0.98	cps
Sodium	23-1	5243607	5296293	5293785	5277895	0.56	cps
Strontium	86-1	234787	235486	228232	232835	1.72	cps
Strontium	88-1	2018982	2048387	2018998	2028789	0.84	cps
Sulfur	34-1	351181	346557	344780	347506	0.95	cps
Terbium	159-1	1878927	1764420	1814401	1819249	3.16	cps
Thallium	203-1	293751	300874	296261	296962	1.22	cps
Thallium	205-1	706375	710973	703662	707003	0.52	cps
Tin	118-1	616354	619741	610368	615488	0.77	cps
Titanium	47-1	958062	967937	956094	960698	0.66	cps
Uranium	238-1	2713911	2725416	2703735	2714354	0.40	cps
Vanadium	51-1	293868	295281	291337	293495	0.68	cps
Ytterbium	172-1	25	8	25	19	49.50	cps
Ytterbium	176-1	1934	1900	1959	1931	1.52	cps
Yttrium	89-1	2583695	2426856	2516591	2509047	3.14	cps
Zinc	66-1	96271	99045	95194	96837	2.05	cps
Zirconium	90-1	1354703	1386055	1349626	1363461	1.45	cps
Zirconium	91-1	304101	293581	295394	297692	1.89	cps

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:39:08	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	3885	5077	4155	4372	14.30	cps
Antimony	121-1	50	125	58	78	52.86	cps
Arsenic	75-1	42	92	67	67	37.50	cps
Barium	135-1	33	92	42	56	56.79	cps
Barium	137-1	58	150	58	89	59.54	cps
Beryllium	9-1	78	66	60	68	13.48	cps
Bismuth	209-1	1159833	1160748	1165172	1161917	0.25	cps
Bromine	81-1	881	1151	881	971	16.07	cps
Cadmium	106-1	467	500	467	478	4.03	cps
Cadmium	108-1	25	33	13	24	44.41	cps
Cadmium	111-1	351	368	347	355	3.19	cps
Calcium	43-1	206	265	241	237	12.44	cps
Calcium	44-1	60595	61110	61169	60958	0.52	cps
Carbon	12-1	1307886	1296889	1302404	1302393	0.42	cps
Chlorine	35-1	84672	84497	85486	84885	0.62	cps
Chromium	52-1	4966	4786	4976	4909	2.18	cps
Cobalt	59-1	220	170	100	164	36.91	cps
Copper	63-1	3210	3344	3297	3284	2.06	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Erbium	164-1	8	0	25	11	114.58	cps
Gadolinium	160-1	25	8	8	14	69.31	cps
Holmium	165-1	1725018	1719931	1724840	1723263	0.17	cps
Indium	115-1	1291632	1309050	1313538	1304740	0.89	cps
Iron	54-1						cps
Iron	56-1	577338	586866	586074	583426	0.91	cps
Iron	57-1	18140	17970	18080	18063	0.48	cps
Krypton	83-1	210	207	197	204	3.39	cps
Lead	206-1	450	589	450	496	16.16	cps
Lead	207-1	456	533	489	493	7.92	cps
Lead	208-1	1956	2211	2067	2078	6.17	cps
Lithium	6-1	374137	379261	384567	379322	1.37	cps
Magnesium	24-1	7950	11788	7880	9206	24.29	cps
Manganese	55-1	9012	9483	8992	9162	3.03	cps
Molybdenum	94-1	67	784	133	328	120.82	cps
Molybdenum	95-1	50	1009	133	397	133.67	cps
Molybdenum	96-1	142	992	175	436	110.42	cps

LB Number : LB126874 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired : 2023-08-14 16:39:08 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	142	500	25	222	111.40	cps
Molybdenum	98-1	108	1427	192	576	128.27	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Nickel	60-1	200	210	230	214	7.16	cps
Phosphorus	31-1	30764	31908	30232	30968	2.76	cps
Potassium	39-1	2569992	2537385	2582072	2563150	0.90	cps
Rhodium	103-1	1313821	1337490	1339183	1330165	1.07	cps
Scandium	45-1	849388	883197	870385	867657	1.97	cps
Selenium	82-1	-10	10	11	4	316.40	cps
Selenium	77-1						cps
Selenium	78-1						cps
Silicon	28-1	385350	380280	385182	383604	0.75	cps
Silver	109-1	17	100	33	50	88.20	cps
Silver	107-1	33	167	58	86	82.32	cps
Sodium	23-1	1016226	1005182	1005627	1009011	0.62	cps
Strontium	86-1	433	1885	425	915	91.93	cps
Strontium	88-1	792	12318	908	4673	141.70	cps
Sulfur	34-1	342024	343526	352402	345984	1.62	cps
Terbium	159-1	1779376	1822524	1806564	1802821	1.21	cps
Thallium	203-1	275	233	300	269	12.50	cps
Thallium	205-1	550	692	692	644	12.69	cps
Tin	118-1	167	242	208	206	18.28	cps
Titanium	47-1	117	142	133	131	9.75	cps
Uranium	238-1	0	92	0	31	173.21	cps
Vanadium	51-1	160	170	170	167	3.46	cps
Ytterbium	172-1	25	25	33	28	17.31	cps
Ytterbium	176-1	158	133	117	136	15.41	cps
Yttrium	89-1	2361874	2445754	2419718	2409115	1.78	cps
Zinc	66-1	390	270	460	374	25.74	cps
Zirconium	90-1	58	509	67	211	121.96	cps
Zirconium	91-1	25	125	33	61	90.80	cps

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:42:02	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	180486480	182354238	177836475	180225731	1.26	cps
Antimony	121-1	1750	1975	2125	1950	9.68	cps
Arsenic	75-1	558	700	800	686	17.70	cps
Barium	135-1	450	508	408	456	11.03	cps
Barium	137-1	817	892	808	839	5.47	cps
Beryllium	9-1	160	164	150	158	4.56	cps
Bismuth	209-1	1072576	1137239	1186897	1132238	5.06	cps
Bromine	81-1	1051	1011	1071	1044	2.93	cps
Cadmium	106-1	367	558	525	483	21.19	cps
Cadmium	108-1	288	304	217	269	17.24	cps
Cadmium	111-1	343	557	558	486	25.48	cps
Calcium	43-1	392196	386967	380756	386640	1.48	cps
Calcium	44-1	6476557	6250511	6247185	6324751	2.08	cps
Carbon	12-1	3979232	4058322	3996274	4011276	1.04	cps
Chlorine	35-1	1989810	2686224	3322583	2666206	25.00	cps
Chromium	52-1	55946	55313	53594	54951	2.21	cps
Cobalt	59-1	3764	3334	3524	3541	6.09	cps
Copper	63-1	15906	16336	16069	16104	1.35	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Erbium	164-1	42	33	25	33	25.01	cps
Gadolinium	160-1	25	25	25	25	0.00	cps
Holmium	165-1	1655218	1745177	1846462	1748953	5.47	cps
Indium	115-1	1212234	1294003	1326978	1277738	4.62	cps
Iron	54-1						cps
Iron	56-1	281379670	275859109	273505556	276914778	1.46	cps
Iron	57-1	6707595	6603450	6552796	6621280	1.19	cps
Krypton	83-1	217	217	163	199	15.48	cps
Lead	206-1	5674	5696	5518	5629	1.72	cps
Lead	207-1	4718	4662	4723	4701	0.72	cps
Lead	208-1	21869	22397	22197	22154	1.20	cps
Lithium	6-1	354949	374030	381537	370172	3.70	cps
Magnesium	24-1	151508243	150514349	146453618	149492070	1.79	cps
Manganese	55-1	34607	33574	34998	34393	2.14	cps
Molybdenum	94-1	794321	775896	771841	780686	1.53	cps
Molybdenum	95-1	1450605	1427243	1375448	1417766	2.71	cps
Molybdenum	96-1	1527784	1520183	1508804	1518924	0.63	cps

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:42:02	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	867796	853423	841405	854208	1.55	cps
Molybdenum	98-1	2312559	2273248	2216410	2267406	2.13	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Nickel	60-1	3804	3664	3895	3788	3.06	cps
Phosphorus	31-1	11139689	11023004	10904757	11022483	1.07	cps
Potassium	39-1	192777220	188880499	187337991	189665237	1.48	cps
Rhodium	103-1	1208216	1298443	1328295	1278318	4.89	cps
Scandium	45-1	804419	870055	882987	852487	4.94	cps
Selenium	82-1	-17	-1	59	14	293.72	cps
Selenium	77-1						cps
Selenium	78-1						cps
Silicon	28-1	418257	419900	417854	418670	0.26	cps
Silver	109-1	25	50	42	39	32.73	cps
Silver	107-1	17	67	50	44	57.28	cps
Sodium	23-1	210367380	207236284	203112080	206905248	1.76	cps
Strontium	86-1	14850	14591	13448	14297	5.22	cps
Strontium	88-1	123746	124394	120567	122902	1.67	cps
Sulfur	34-1	950262	929959	914603	931608	1.92	cps
Terbium	159-1	1734001	1834033	1877097	1815044	4.04	cps
Thallium	203-1	442	450	433	442	1.89	cps
Thallium	205-1	958	875	925	920	4.56	cps
Tin	118-1	317	308	400	342	14.84	cps
Titanium	47-1	399647	401072	389870	396863	1.54	cps
Uranium	238-1	108	108	67	94	25.47	cps
Vanadium	51-1	831	761	881	824	7.32	cps
Ytterbium	172-1	8	17	0	8	100.02	cps
Ytterbium	176-1	133	225	192	183	25.31	cps
Yttrium	89-1	2284737	2413123	2489470	2395777	4.32	cps
Zinc	66-1	5997	6118	6057	6058	0.99	cps
Zirconium	90-1	133	158	192	161	18.16	cps
Zirconium	91-1	50	33	42	42	20.00	cps

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:44:58	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	181271500	182454418	183041855	182255925	0.49	cps
Antimony	121-1	36023	37786	36516	36775	2.47	cps
Arsenic	75-1	11130	11488	11246	11288	1.62	cps
Barium	135-1	6769	6593	6660	6674	1.32	cps
Barium	137-1	11605	11814	11956	11792	1.49	cps
Beryllium	9-1	7682	7865	7552	7700	2.04	cps
Bismuth	209-1	1194189	1220258	1184360	1199602	1.55	cps
Bromine	81-1	911	1081	1141	1044	11.44	cps
Cadmium	106-1	1083	1308	1083	1158	11.21	cps
Cadmium	108-1	888	896	713	832	12.44	cps
Cadmium	111-1	7927	8191	8095	8071	1.66	cps
Calcium	43-1	391010	389535	396837	392461	0.98	cps
Calcium	44-1	6356251	6431134	6453190	6413525	0.79	cps
Carbon	12-1	4061193	4057590	4123111	4080631	0.90	cps
Chlorine	35-1	3933083	4882420	5539020	4784841	16.87	cps
Chromium	52-1	106914	108902	108517	108111	0.98	cps
Cobalt	59-1	60027	60711	60901	60546	0.76	cps
Copper	63-1	47914	48024	48405	48114	0.54	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Erbium	164-1	33	0	0	11	173.21	cps
Gadolinium	160-1	8	50	8	22	108.27	cps
Holmium	165-1	1817899	1878558	1820673	1839043	1.86	cps
Indium	115-1	1349834	1352003	1349192	1350343	0.11	cps
Iron	54-1						cps
Iron	56-1	286780540	279588879	283335445	283234955	1.27	cps
Iron	57-1	6689851	6814910	6739019	6747927	0.93	cps
Krypton	83-1	217	207	203	209	3.32	cps
Lead	206-1	33321	34184	34229	33911	1.51	cps
Lead	207-1	29411	28315	28971	28899	1.91	cps
Lead	208-1	133369	133135	131563	132689	0.74	cps
Lithium	6-1	386741	394136	393418	391432	1.04	cps
Magnesium	24-1	149736902	152288283	151274089	151099758	0.85	cps
Manganese	55-1	99544	100371	100000	99972	0.41	cps
Molybdenum	94-1	797527	790373	791686	793195	0.48	cps
Molybdenum	95-1	1446105	1441397	1451337	1446280	0.34	cps
Molybdenum	96-1	1553433	1551361	1547292	1550695	0.20	cps

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:44:58	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	869684	866433	862124	866081	0.44	cps
Molybdenum	98-1	2354306	2277634	2337494	2323145	1.73	cps
Neodymium	150-1	0	27	0	9	173.21	cps
Nickel	60-1	16677	16988	16577	16747	1.28	cps
Phosphorus	31-1	11109840	11139328	11074713	11107960	0.29	cps
Potassium	39-1	191245709	192892616	194877606	193005310	0.94	cps
Rhodium	103-1	1358891	1354416	1331065	1348124	1.11	cps
Scandium	45-1	887894	903698	890489	894027	0.95	cps
Selenium	82-1	553	513	558	541	4.61	cps
Selenium	77-1						cps
Selenium	78-1						cps
Silicon	28-1	414617	423919	416343	418293	1.18	cps
Silver	109-1	34176	34711	34135	34341	0.94	cps
Silver	107-1	34101	36006	35714	35274	2.91	cps
Sodium	23-1	208281034	207923366	205499087	207234496	0.73	cps
Strontium	86-1	14683	15159	13924	14589	4.27	cps
Strontium	88-1	122215	123729	123408	123117	0.65	cps
Sulfur	34-1	925538	921212	925793	924181	0.28	cps
Terbium	159-1	1881239	1923536	1913311	1906028	1.16	cps
Thallium	203-1	29802	29718	29426	29648	0.67	cps
Thallium	205-1	68758	71556	69604	69973	2.05	cps
Tin	118-1	500	492	483	492	1.70	cps
Titanium	47-1	399225	406074	405348	403549	0.93	cps
Uranium	238-1	50	150	67	89	60.28	cps
Vanadium	51-1	56227	57765	57705	57232	1.52	cps
Ytterbium	172-1	25	8	17	17	50.01	cps
Ytterbium	176-1	167	150	200	172	14.78	cps
Yttrium	89-1	2528169	2552380	2563909	2548153	0.72	cps
Zinc	66-1	15384	15925	15595	15635	1.75	cps
Zirconium	90-1	100	150	142	131	20.52	cps
Zirconium	91-1	8	25	33	22	57.29	cps

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:47:51	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	88820678	88866849	92539456	90075661	2.37	cps
Antimony	121-1	825370	832477	842550	833466	1.04	cps
Arsenic	75-1	243554	235545	248817	242639	2.75	cps
Barium	135-1	741701	755541	768425	755222	1.77	cps
Barium	137-1	1305174	1309701	1335577	1316817	1.25	cps
Beryllium	9-1	179669	181258	185490	182139	1.65	cps
Bismuth	209-1	1146063	1148952	1192997	1162670	2.26	cps
Bromine	81-1	1251	1121	951	1108	13.60	cps
Cadmium	106-1	18955	18747	19706	19136	2.64	cps
Cadmium	108-1	13574	13277	13382	13411	1.12	cps
Cadmium	111-1	184768	183551	188279	185533	1.32	cps
Calcium	43-1	975807	969007	991621	978811	1.19	cps
Calcium	44-1	15749698	15797478	16086544	15877906	1.15	cps
Carbon	12-1	1455165	1484376	1506599	1482047	1.74	cps
Chlorine	35-1	1931921	1774329	1680654	1795635	7.07	cps
Chromium	52-1	1216682	1224523	1288028	1243078	3.15	cps
Cobalt	59-1	1397598	1340817	1346511	1361642	2.30	cps
Copper	63-1	8227277	8332542	8481659	8347159	1.53	cps
Dysprosium	156-1	158	125	175	153	16.67	cps
Erbium	164-1	33	75	25	44	60.28	cps
Gadolinium	160-1	242	200	242	228	10.56	cps
Holmium	165-1	1777154	1776706	1863168	1805676	2.76	cps
Indium	115-1	1280629	1281121	1347574	1303108	2.96	cps
Iron	54-1						cps
Iron	56-1	333706565	332670759	339132881	335170068	1.04	cps
Iron	57-1	7946583	7897521	8097803	7980636	1.31	cps
Krypton	83-1	207	203	233	214	7.67	cps
Lead	206-1	2923311	2918045	3043235	2961530	2.39	cps
Lead	207-1	2583572	2547158	2595229	2575320	0.97	cps
Lead	208-1	11810556	11783391	12021818	11871922	1.10	cps
Lithium	6-1	370759	371070	381649	374493	1.66	cps
Magnesium	24-1	382602589	387287894	388335772	386075418	0.79	cps
Manganese	55-1	15898154	16108225	16217609	16074663	1.01	cps
Molybdenum	94-1	2417015	2457479	2502084	2458859	1.73	cps
Molybdenum	95-1	3535311	3575056	3622937	3577768	1.23	cps
Molybdenum	96-1	3854558	3896176	4000084	3916939	1.91	cps

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 16:47:51	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	2212458	2226127	2243706	2227431	0.70	cps
Molybdenum	98-1	5747650	5770245	5883516	5800470	1.26	cps
Neodymium	150-1	27	40	27	31	24.74	cps
Nickel	60-1	302230	298531	303188	301316	0.82	cps
Phosphorus	31-1	1133066	1140176	1145534	1139592	0.55	cps
Potassium	39-1	232307710	234730973	240157864	235732182	1.71	cps
Rhodium	103-1	1293901	1315421	1347219	1318847	2.03	cps
Scandium	45-1	872511	867126	906942	882193	2.45	cps
Selenium	82-1	12692	12843	13120	12885	1.69	cps
Selenium	77-1						cps
Selenium	78-1						cps
Silicon	28-1	4155647	4107175	4320815	4194546	2.67	cps
Silver	109-1	848456	839884	865097	851146	1.51	cps
Silver	107-1	877276	871994	886991	878754	0.87	cps
Sodium	23-1	495772295	494600663	503490633	497954530	0.97	cps
Strontium	86-1	5086315	5166836	5058804	5103985	1.10	cps
Strontium	88-1	42639484	43708567	44448150	43598734	2.09	cps
Sulfur	34-1	378160	379163	391206	382843	1.90	cps
Terbium	159-1	1858528	1838571	1919665	1872255	2.26	cps
Thallium	203-1	640167	642580	661219	647988	1.78	cps
Thallium	205-1	1548034	1534419	1587287	1556580	1.76	cps
Tin	118-1	531746	537061	541412	536740	0.90	cps
Titanium	47-1	936924	927190	946719	936944	1.04	cps
Uranium	238-1	2274734	2347948	2364201	2328961	2.05	cps
Vanadium	51-1	1391523	1418456	1398856	1402945	0.99	cps
Ytterbium	172-1	58	67	17	47	56.72	cps
Ytterbium	176-1	3025	2917	3426	3123	8.58	cps
Yttrium	89-1	2484190	2470440	2556689	2503773	1.85	cps
Zinc	66-1	2522517	2494421	2555158	2524032	1.20	cps
Zirconium	90-1	1176475	1180658	1196187	1184440	0.88	cps
Zirconium	91-1	263759	262319	265116	263731	0.53	cps

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 17:00:38	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	4105	3624	3955	3895	6.31	cps
Antimony	121-1	108	75	92	92	18.18	cps
Arsenic	75-1	183	117	83	128	39.85	cps
Barium	135-1	67	50	67	61	15.75	cps
Barium	137-1	100	83	50	78	32.73	cps
Beryllium	9-1	56	76	76	69	16.66	cps
Bismuth	209-1	1184454	1201420	1156154	1180676	1.94	cps
Bromine	81-1	1031	1131	1101	1088	4.72	cps
Cadmium	106-1	358	558	442	453	22.19	cps
Cadmium	108-1	13	17	4	11	57.27	cps
Cadmium	111-1	259	388	340	329	19.80	cps
Calcium	43-1	234	230	262	242	7.35	cps
Calcium	44-1	63017	62774	62688	62826	0.27	cps
Carbon	12-1	1294424	1322975	1304022	1307141	1.11	cps
Chlorine	35-1	444325	432417	425253	433998	2.22	cps
Chromium	52-1	4916	5266	4686	4956	5.90	cps
Cobalt	59-1	130	210	190	177	23.57	cps
Copper	63-1	3514	3424	3274	3404	3.56	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Erbium	164-1	17	8	17	14	34.67	cps
Gadolinium	160-1	8	17	17	14	34.67	cps
Holmium	165-1	1798357	1776887	1711151	1762132	2.58	cps
Indium	115-1	1348226	1373712	1304612	1342183	2.60	cps
Iron	54-1						cps
Iron	56-1	680037	675294	681511	678947	0.48	cps
Iron	57-1	18220	18210	18441	18291	0.71	cps
Krypton	83-1	227	217	273	239	12.66	cps
Lead	206-1	433	411	539	461	14.80	cps
Lead	207-1	433	411	406	417	3.53	cps
Lead	208-1	1967	1822	1883	1891	3.83	cps
Lithium	6-1	383399	392059	378879	384779	1.74	cps
Magnesium	24-1	8832	8291	7850	8324	5.91	cps
Manganese	55-1	9533	9563	9363	9486	1.14	cps
Molybdenum	94-1	58	83	67	69	18.33	cps
Molybdenum	95-1	58	25	33	39	44.61	cps
Molybdenum	96-1	58	117	92	89	32.93	cps

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 17:00:38	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	58	33	58	50	28.87	cps
Molybdenum	98-1	67	33	58	53	32.87	cps
Neodymium	150-1	0	13	20	11	91.66	cps
Nickel	60-1	370	300	270	314	16.38	cps
Phosphorus	31-1	30594	29540	29811	29982	1.82	cps
Potassium	39-1	2657832	2666384	2660928	2661715	0.16	cps
Rhodium	103-1	1366276	1417555	1317309	1367046	3.67	cps
Scandium	45-1	894098	931386	871490	898991	3.36	cps
Selenium	82-1	-5	-9	-41	-18	-107.44	cps
Selenium	77-1						cps
Selenium	78-1						cps
Silicon	28-1	382949	381824	378287	381020	0.64	cps
Silver	109-1	25	58	33	39	44.62	cps
Silver	107-1	17	8	17	14	34.67	cps
Sodium	23-1	1024532	1018534	1014457	1019174	0.50	cps
Strontium	86-1	417	350	433	400	11.02	cps
Strontium	88-1	608	833	750	731	15.57	cps
Sulfur	34-1	359010	357340	358746	358365	0.25	cps
Terbium	159-1	1858537	1884369	1794441	1845782	2.51	cps
Thallium	203-1	317	242	325	294	15.59	cps
Thallium	205-1	667	558	658	628	9.60	cps
Tin	118-1	183	292	308	261	25.99	cps
Titanium	47-1	92	92	42	75	38.49	cps
Uranium	238-1	8	8	17	11	43.34	cps
Vanadium	51-1	270	380	160	270	40.74	cps
Ytterbium	172-1	17	17	17	17	0.00	cps
Ytterbium	176-1	200	217	100	172	36.64	cps
Yttrium	89-1	2499987	2544584	2432744	2492438	2.26	cps
Zinc	66-1	380	270	400	350	20.00	cps
Zirconium	90-1	67	83	92	81	15.80	cps
Zirconium	91-1	25	0	33	19	89.21	cps

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 17:04:09	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	40668	41150	41280	41033	0.79	cps
Antimony	121-1	3184	3209	3317	3237	2.19	cps
Arsenic	75-1	575	625	658	619	6.77	cps
Barium	135-1	2900	3217	3075	3064	5.18	cps
Barium	137-1	5143	5143	5059	5115	0.94	cps
Beryllium	9-1	418	412	456	429	5.57	cps
Bismuth	209-1	1172270	1175581	1181217	1176356	0.38	cps
Bromine	81-1	1221	861	1341	1141	21.91	cps
Cadmium	106-1	550	650	558	586	9.47	cps
Cadmium	108-1	21	33	13	22	47.18	cps
Cadmium	111-1	837	873	749	820	7.82	cps
Calcium	43-1	2130	2115	2145	2130	0.70	cps
Calcium	44-1	93721	93479	93169	93456	0.30	cps
Carbon	12-1	1387236	1377735	1364973	1376648	0.81	cps
Chlorine	35-1	358944	349053	344676	350891	2.08	cps
Chromium	52-1	10064	10505	10164	10244	2.26	cps
Cobalt	59-1	3013	3043	3094	3050	1.33	cps
Copper	63-1	6435	6805	6382	6540	3.53	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Erbium	164-1	17	8	8	11	43.34	cps
Gadolinium	160-1	25	33	8	22	57.29	cps
Holmium	165-1	1750885	1752189	1729351	1744141	0.74	cps
Indium	115-1	1334333	1337250	1347849	1339810	0.53	cps
Iron	54-1						cps
Iron	56-1	817592	827691	822290	822525	0.61	cps
Iron	57-1	21598	21709	21488	21598	0.51	cps
Krypton	83-1	253	183	293	243	22.88	cps
Lead	206-1	1322	1539	1483	1448	7.77	cps
Lead	207-1	1322	1295	1356	1324	2.31	cps
Lead	208-1	5878	6101	6051	6010	1.94	cps
Lithium	6-1	380866	383434	385723	383341	0.63	cps
Magnesium	24-1	773905	765387	779436	772909	0.92	cps
Manganese	55-1	12939	12779	12739	12819	0.83	cps
Molybdenum	94-1	2984	2884	3009	2959	2.24	cps
Molybdenum	95-1	3767	3526	3867	3720	4.72	cps
Molybdenum	96-1	3976	3976	4017	3990	0.60	cps

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 17:04:09	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	2125	2250	2409	2261	6.28	cps
Molybdenum	98-1	6068	5568	5118	5585	8.51	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Nickel	60-1	891	971	941	934	4.33	cps
Phosphorus	31-1	33442	32179	33533	33051	2.29	cps
Potassium	39-1	3541206	3553771	3475165	3523380	1.20	cps
Rhodium	103-1	1360903	1372399	1377980	1370427	0.64	cps
Scandium	45-1	901221	912947	903941	906036	0.68	cps
Selenium	82-1	103	175	73	117	44.61	cps
Selenium	77-1						cps
Selenium	78-1						cps
Silicon	28-1	394219	394579	389581	392793	0.71	cps
Silver	109-1	1717	1825	1708	1750	3.72	cps
Silver	107-1	1842	1934	1850	1875	2.70	cps
Sodium	23-1	2003167	2018232	1972117	1997839	1.18	cps
Strontium	86-1	783	900	958	881	10.12	cps
Strontium	88-1	4584	4334	4401	4440	2.92	cps
Sulfur	34-1	362103	357592	362178	360624	0.73	cps
Terbium	159-1	1847973	1823817	1846971	1839587	0.74	cps
Thallium	203-1	1608	1575	1258	1481	13.05	cps
Thallium	205-1	3609	3701	3851	3720	3.28	cps
Tin	118-1	5318	5301	5501	5373	2.07	cps
Titanium	47-1	967	1108	1058	1045	6.88	cps
Uranium	238-1	4242	4159	4409	4270	2.98	cps
Vanadium	51-1	14101	14132	14131	14121	0.12	cps
Ytterbium	172-1	0	8	0	3	173.21	cps
Ytterbium	176-1	117	192	217	175	29.74	cps
Yttrium	89-1	2477151	2496723	2485966	2486613	0.39	cps
Zinc	66-1	1442	1552	1301	1432	8.76	cps
Zirconium	90-1	2450	2267	2259	2325	4.66	cps
Zirconium	91-1	608	625	633	622	2.05	cps

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	O3587-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 17:10:34	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	1364321	1331506	1349072	1348300	1.22	cps
Antimony	121-1	71295	70624	71420	71113	0.60	cps
Arsenic	75-1	17086	17019	17278	17128	0.78	cps
Barium	135-1	432136	424908	424572	427205	1.00	cps
Barium	137-1	758547	749443	745343	751111	0.90	cps
Beryllium	9-1	5688	5774	5854	5772	1.44	cps
Bismuth	209-1	1217258	1197632	1179329	1198073	1.58	cps
Bromine	81-1	1011	931	991	978	4.26	cps
Cadmium	106-1	1267	1058	1250	1192	9.72	cps
Cadmium	108-1	529	488	542	519	5.46	cps
Cadmium	111-1	7993	7631	7865	7830	2.35	cps
Calcium	43-1	270	256	239	255	6.14	cps
Calcium	44-1	62246	62005	61956	62069	0.25	cps
Carbon	12-1	1286151	1316289	1335697	1312713	1.90	cps
Chlorine	35-1	290872	282924	279816	284537	2.00	cps
Chromium	52-1	342672	336702	342175	340516	0.97	cps
Cobalt	59-1	150	180	270	200	31.22	cps
Copper	63-1	2420534	2412586	2393143	2408754	0.59	cps
Dysprosium	156-1	8	33	17	19	65.47	cps
Erbium	164-1	33	33	25	31	15.74	cps
Gadolinium	160-1	25	17	8	17	50.01	cps
Holmium	165-1	1831511	1799033	1787810	1806118	1.26	cps
Indium	115-1	1366814	1376709	1345349	1362957	1.18	cps
Iron	54-1						cps
Iron	56-1	2925600	2868758	2879283	2891214	1.05	cps
Iron	57-1	68231	67185	69157	68191	1.45	cps
Krypton	83-1	227	210	237	224	6.00	cps
Lead	206-1	70390	69072	70362	69942	1.08	cps
Lead	207-1	58878	60217	58950	59349	1.27	cps
Lead	208-1	275138	273309	277770	275406	0.81	cps
Lithium	6-1	393368	388396	389579	390448	0.67	cps
Magnesium	24-1	7440	7840	7740	7673	2.72	cps
Manganese	55-1	1755983	1687311	1755722	1733005	2.28	cps
Molybdenum	94-1	29173	28496	29231	28967	1.41	cps
Molybdenum	95-1	50476	52734	51228	51479	2.23	cps
Molybdenum	96-1	54507	55570	55637	55238	1.15	cps

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	O3587-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 17:10:34	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	32414	32180	32113	32235	0.49	cps
Molybdenum	98-1	82813	80919	83527	82420	1.64	cps
Neodymium	150-1	20	20	27	22	17.33	cps
Nickel	60-1	295400	291152	295164	293905	0.81	cps
Phosphorus	31-1	30503	29922	29801	30075	1.25	cps
Potassium	39-1	2588670	2627455	2581744	2599290	0.95	cps
Rhodium	103-1	1401120	1402622	1398106	1400616	0.16	cps
Scandium	45-1	921683	918000	906033	915239	0.89	cps
Selenium	82-1	997	995	998	997	0.18	cps
Selenium	77-1						cps
Selenium	78-1						cps
Silicon	28-1	476224	470777	475536	474179	0.63	cps
Silver	109-1	170258	171745	172874	171626	0.76	cps
Silver	107-1	175118	173430	174426	174325	0.49	cps
Sodium	23-1	1043077	1027012	1026912	1032334	0.90	cps
Strontium	86-1	517	308	458	428	25.13	cps
Strontium	88-1	908	925	892	908	1.83	cps
Sulfur	34-1	351659	349860	343160	348226	1.29	cps
Terbium	159-1	1897179	1868382	1853879	1873146	1.18	cps
Thallium	203-1	11088	10922	10905	10972	0.92	cps
Thallium	205-1	24165	25066	25175	24802	2.24	cps
Tin	118-1	225	308	267	267	15.63	cps
Titanium	47-1	142	158	150	150	5.56	cps
Uranium	238-1	58	0	8	22	141.99	cps
Vanadium	51-1	281487	271953	275177	276206	1.76	cps
Ytterbium	172-1	42	17	0	19	107.85	cps
Ytterbium	176-1	142	208	117	156	30.46	cps
Yttrium	89-1	2567955	2547001	2546228	2553728	0.48	cps
Zinc	66-1	562203	551025	557025	556751	1.00	cps
Zirconium	90-1	192	250	208	217	13.87	cps
Zirconium	91-1	67	50	67	61	15.75	cps

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	PB154413BL	Instrumnet Name :	P8
Client Sample ID :	PB154413BL	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 17:13:41	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	3965	3734	3274	3658	9.62	cps
Antimony	121-1	58	117	183	119	52.37	cps
Arsenic	75-1	133	108	75	106	27.73	cps
Barium	135-1	42	67	83	64	32.83	cps
Barium	137-1	108	83	92	94	13.48	cps
Beryllium	9-1	42	50	82	58	36.49	cps
Bismuth	209-1	1187144	1166613	1158057	1170605	1.28	cps
Bromine	81-1	981	991	971	981	1.02	cps
Cadmium	106-1	600	533	458	531	13.36	cps
Cadmium	108-1	21	13	4	13	66.64	cps
Cadmium	111-1	422	390	339	383	10.95	cps
Calcium	43-1	247	244	256	249	2.57	cps
Calcium	44-1	62283	62312	62154	62249	0.14	cps
Carbon	12-1	1339602	1302737	1317631	1319990	1.40	cps
Chlorine	35-1	261519	260147	257855	259840	0.71	cps
Chromium	52-1	5377	4796	5186	5120	5.78	cps
Cobalt	59-1	180	220	150	184	19.15	cps
Copper	63-1	3767	3624	3514	3635	3.50	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Erbium	164-1	33	0	8	14	124.91	cps
Gadolinium	160-1	0	25	0	8	173.21	cps
Holmium	165-1	1816271	1730305	1740324	1762300	2.67	cps
Indium	115-1	1373350	1348349	1341552	1354417	1.24	cps
Iron	54-1						cps
Iron	56-1	668678	664085	663283	665349	0.44	cps
Iron	57-1	18611	17829	18471	18304	2.28	cps
Krypton	83-1	237	257	200	231	12.44	cps
Lead	206-1	400	411	511	441	13.88	cps
Lead	207-1	322	411	372	369	12.09	cps
Lead	208-1	1900	1922	1806	1876	3.30	cps
Lithium	6-1	392818	381058	384963	386280	1.55	cps
Magnesium	24-1	6889	7620	7129	7213	5.17	cps
Manganese	55-1	9333	10014	9172	9506	4.70	cps
Molybdenum	94-1	50	58	117	75	48.44	cps
Molybdenum	95-1	42	33	42	39	12.38	cps
Molybdenum	96-1	75	92	108	92	18.18	cps

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	PB154413BL	Instrumnet Name :	P8
Client Sample ID :	PB154413BL	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 17:13:41	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	33	17	8	19	65.47	cps
Molybdenum	98-1	83	50	58	64	27.16	cps
Neodymium	150-1	7	0	27	11	124.89	cps
Nickel	60-1	260	360	240	287	22.43	cps
Phosphorus	31-1	30905	29129	29681	29905	3.04	cps
Potassium	39-1	2607400	2615912	2590493	2604602	0.50	cps
Rhodium	103-1	1414233	1385915	1358793	1386314	2.00	cps
Scandium	45-1	925186	909386	896172	910248	1.60	cps
Selenium	82-1	-22	-61	3	-27	-119.73	cps
Selenium	77-1						cps
Selenium	78-1						cps
Silicon	28-1	377408	377243	376988	377213	0.06	cps
Silver	109-1	33	33	42	36	13.33	cps
Silver	107-1	67	42	17	42	60.00	cps
Sodium	23-1	972768	964494	957544	964935	0.79	cps
Strontium	86-1	467	458	433	453	3.83	cps
Strontium	88-1	825	967	825	872	9.38	cps
Sulfur	34-1	350687	357524	351063	353091	1.09	cps
Terbium	159-1	1902761	1864740	1837202	1868234	1.76	cps
Thallium	203-1	225	292	217	244	16.82	cps
Thallium	205-1	558	467	508	511	8.98	cps
Tin	118-1	325	292	325	314	6.13	cps
Titanium	47-1	92	183	158	144	32.81	cps
Uranium	238-1	8	8	8	8	0.00	cps
Vanadium	51-1	190	210	290	230	23.01	cps
Ytterbium	172-1	8	8	0	6	86.60	cps
Ytterbium	176-1	208	192	133	178	22.15	cps
Yttrium	89-1	2579468	2499289	2523647	2534134	1.62	cps
Zinc	66-1	320	330	410	354	13.96	cps
Zirconium	90-1	83	83	142	103	32.76	cps
Zirconium	91-1	8	17	0	8	100.02	cps

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	PB154413BS	Instrumnet Name :	P8
Client Sample ID :	PB154413BS	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 17:16:34	DataFile Name :	025LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	20368197	19948656	19850994	20055949	1.37	cps
Antimony	121-1	925152	926278	911025	920818	0.92	cps
Arsenic	75-1	272678	273966	269075	271906	0.93	cps
Barium	135-1	836152	833665	817441	829086	1.23	cps
Barium	137-1	1448211	1462080	1433178	1447823	1.00	cps
Beryllium	9-1	198544	200709	194935	198063	1.47	cps
Bismuth	209-1	1216745	1109557	1384905	1237069	11.22	cps
Bromine	81-1	1101	761	1031	964	18.64	cps
Cadmium	106-1	21434	21267	20532	21078	2.27	cps
Cadmium	108-1	15029	15450	15384	15288	1.48	cps
Cadmium	111-1	208576	208329	206660	207855	0.50	cps
Calcium	43-1	236790	241110	234115	237338	1.49	cps
Calcium	44-1	3787578	3910222	3777575	3825125	1.93	cps
Carbon	12-1	1375108	1412558	1440028	1409231	2.31	cps
Chlorine	35-1	236204	235585	232263	234684	0.90	cps
Chromium	52-1	1411356	1468131	1359147	1412878	3.86	cps
Cobalt	59-1	1603951	1629521	1563165	1598879	2.09	cps
Copper	63-1	9088476	9212549	9033402	9111476	1.01	cps
Dysprosium	156-1	33	25	100	53	77.89	cps
Erbium	164-1	17	8	33	19	65.47	cps
Gadolinium	160-1	25	17	100	47	97.19	cps
Holmium	165-1	1861824	1687838	2112092	1887251	11.30	cps
Indium	115-1	1369937	1257777	1663713	1430476	14.65	cps
Iron	54-1						cps
Iron	56-1	76285508	78987943	76278616	77184022	2.02	cps
Iron	57-1	1864234	1914558	1854397	1877730	1.72	cps
Krypton	83-1	253	240	220	238	7.06	cps
Lead	206-1	3272949	3408652	3237638	3306413	2.73	cps
Lead	207-1	2804299	2841926	2804771	2816999	0.77	cps
Lead	208-1	13063299	13159957	12879829	13034362	1.09	cps
Lithium	6-1	391311	368094	425615	395007	7.33	cps
Magnesium	24-1	87421706	89021999	87841541	88095082	0.94	cps
Manganese	55-1	17951048	18272462	17973054	18065521	0.99	cps
Molybdenum	94-1	2688532	2744177	2683466	2705392	1.25	cps
Molybdenum	95-1	3930488	3976194	3866046	3924242	1.41	cps
Molybdenum	96-1	4322907	4323279	4277190	4307792	0.62	cps

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	PB154413BS	Instrumnet Name :	P8
Client Sample ID :	PB154413BS	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 17:16:34	DataFile Name :	025LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	2424614	2460451	2389610	2424892	1.46	cps
Molybdenum	98-1	6285654	6399120	6240626	6308467	1.29	cps
Neodymium	150-1	40	47	53	47	14.28	cps
Nickel	60-1	344662	352202	340936	345933	1.66	cps
Phosphorus	31-1	1273601	1274557	1227900	1258686	2.12	cps
Potassium	39-1	55644345	56276816	54824324	55581828	1.31	cps
Rhodium	103-1	1395513	1334922	1673577	1468004	12.30	cps
Scandium	45-1	931050	859772	1048014	946279	10.04	cps
Selenium	82-1	14660	14610	14215	14495	1.68	cps
Selenium	77-1						cps
Selenium	78-1						cps
Silicon	28-1	3030503	2947839	2982870	2987071	1.39	cps
Silver	109-1	948385	968034	941755	952725	1.43	cps
Silver	107-1	971930	985735	956868	971511	1.49	cps
Sodium	23-1	113809928	113670524	114190069	113890174	0.24	cps
Strontium	86-1	5619932	5705049	5595757	5640246	1.02	cps
Strontium	88-1	48599677	49594031	47650699	48614802	2.00	cps
Sulfur	34-1	408246	406779	402326	405784	0.76	cps
Terbium	159-1	1943715	1798202	2163202	1968373	9.33	cps
Thallium	203-1	714817	720521	714085	716475	0.49	cps
Thallium	205-1	1795265	1841012	1787987	1808088	1.59	cps
Tin	118-1	594973	596367	582456	591265	1.30	cps
Titanium	47-1	1062989	1079474	1043952	1062138	1.67	cps
Uranium	238-1	2475546	2516383	2459158	2483696	1.19	cps
Vanadium	51-1	1623343	1603489	1566772	1597868	1.80	cps
Ytterbium	172-1	17	33	50	33	50.00	cps
Ytterbium	176-1	3367	3326	3125	3273	3.95	cps
Yttrium	89-1	2605109	2390738	2923737	2639861	10.16	cps
Zinc	66-1	2751749	2749273	2695607	2732210	1.16	cps
Zirconium	90-1	1312859	1321211	1287862	1307311	1.33	cps
Zirconium	91-1	289105	290398	284675	288059	1.04	cps

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 17:20:32	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	93848941	95848282	95190657	94962627	1.07	cps
Antimony	121-1	866032	868607	869701	868114	0.22	cps
Arsenic	75-1	251603	261169	255644	256139	1.87	cps
Barium	135-1	777212	799452	794381	790348	1.47	cps
Barium	137-1	1358857	1393430	1373954	1375414	1.26	cps
Beryllium	9-1	186877	191733	190120	189577	1.30	cps
Bismuth	209-1	1207464	1189517	1191144	1196042	0.83	cps
Bromine	81-1	1251	1031	1171	1151	9.68	cps
Cadmium	106-1	20224	19948	20090	20087	0.69	cps
Cadmium	108-1	14291	13815	14437	14181	2.29	cps
Cadmium	111-1	192328	195843	193537	193903	0.92	cps
Calcium	43-1	1018724	1044409	1026719	1029951	1.28	cps
Calcium	44-1	16404684	16892248	16817929	16704954	1.57	cps
Carbon	12-1	1408515	1472947	1474379	1451947	2.59	cps
Chlorine	35-1	216567	215045	211189	214267	1.29	cps
Chromium	52-1	1301776	1345510	1357704	1334997	2.20	cps
Cobalt	59-1	1439676	1502899	1502473	1481683	2.46	cps
Copper	63-1	8582761	8858230	8811345	8750779	1.68	cps
Dysprosium	156-1	117	167	192	158	24.12	cps
Erbium	164-1	42	33	42	39	12.38	cps
Gadolinium	160-1	250	200	150	200	25.00	cps
Holmium	165-1	1880523	1873995	1859121	1871213	0.59	cps
Indium	115-1	1364369	1341290	1346875	1350845	0.89	cps
Iron	54-1						cps
Iron	56-1	348124813	357911449	353744942	353260401	1.39	cps
Iron	57-1	8308672	8550842	8434352	8431289	1.44	cps
Krypton	83-1	203	227	270	233	14.50	cps
Lead	206-1	3033617	3111871	3163776	3103088	2.11	cps
Lead	207-1	2629549	2699103	2720520	2683057	1.77	cps
Lead	208-1	12036481	12347116	12468040	12283879	1.81	cps
Lithium	6-1	385093	380394	379031	381506	0.83	cps
Magnesium	24-1	400322088	410564720	407134110	406006973	1.28	cps
Manganese	55-1	16657657	17081978	16838280	16859305	1.26	cps
Molybdenum	94-1	2539488	2636950	2582771	2586403	1.89	cps
Molybdenum	95-1	3761230	3817875	3768109	3782405	0.82	cps
Molybdenum	96-1	4023737	4157794	4164484	4115338	1.93	cps

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 17:20:32	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	2286805	2348155	2335430	2323463	1.39	cps
Molybdenum	98-1	5877586	6194964	6112102	6061551	2.72	cps
Neodymium	150-1	80	47	80	69	27.93	cps
Nickel	60-1	311499	323996	319724	318407	1.99	cps
Phosphorus	31-1	1199096	1244274	1213606	1218992	1.89	cps
Potassium	39-1	243297279	251304295	249894316	248165297	1.72	cps
Rhodium	103-1	1362931	1353120	1347852	1354634	0.56	cps
Scandium	45-1	930967	911468	913693	918709	1.16	cps
Selenium	82-1	13375	13717	13339	13477	1.55	cps
Selenium	77-1						cps
Selenium	78-1						cps
Silicon	28-1	4360220	4456795	4359411	4392142	1.27	cps
Silver	109-1	865895	900351	878167	881471	1.98	cps
Silver	107-1	886104	915317	908104	903175	1.68	cps
Sodium	23-1	512369632	530534616	528508510	523804252	1.90	cps
Strontium	86-1	5241158	5396818	5386890	5341622	1.63	cps
Strontium	88-1	45054593	46567368	46565988	46062649	1.90	cps
Sulfur	34-1	397754	404291	397652	399899	0.95	cps
Terbium	159-1	1939413	1957555	1926285	1941084	0.81	cps
Thallium	203-1	674120	691699	676324	680714	1.41	cps
Thallium	205-1	1666816	1756267	1616793	1679959	4.21	cps
Tin	118-1	556744	558375	555327	556816	0.27	cps
Titanium	47-1	990528	1016224	988628	998460	1.54	cps
Uranium	238-1	2385841	2436669	2364781	2395764	1.54	cps
Vanadium	51-1	1483865	1542808	1500720	1509131	2.01	cps
Ytterbium	172-1	67	67	33	56	34.65	cps
Ytterbium	176-1	2942	3042	3209	3064	4.40	cps
Yttrium	89-1	2606161	2584501	2592033	2594232	0.42	cps
Zinc	66-1	2646603	2705051	2692402	2681352	1.15	cps
Zirconium	90-1	1223481	1242722	1251963	1239388	1.17	cps
Zirconium	91-1	267837	276216	274736	272930	1.64	cps

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 17:33:32	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	3734	3724	3804	3754	1.16	cps
Antimony	121-1	83	142	125	117	25.75	cps
Arsenic	75-1	83	75	50	69	24.98	cps
Barium	135-1	33	25	42	33	25.01	cps
Barium	137-1	42	108	75	75	44.44	cps
Beryllium	9-1	54	58	48	53	9.44	cps
Bismuth	209-1	1194700	1159665	1142740	1165702	2.27	cps
Bromine	81-1	1141	971	841	984	15.30	cps
Cadmium	106-1	492	442	467	467	5.36	cps
Cadmium	108-1	17	8	21	15	41.67	cps
Cadmium	111-1	366	324	345	345	6.04	cps
Calcium	43-1	240	227	186	218	12.91	cps
Calcium	44-1	59874	60644	60471	60330	0.67	cps
Carbon	12-1	1293716	1292537	1313165	1299806	0.89	cps
Chlorine	35-1	174154	170874	167433	170820	1.97	cps
Chromium	52-1	5116	4856	4706	4893	4.25	cps
Cobalt	59-1	160	270	230	220	25.31	cps
Copper	63-1	3334	3227	3294	3285	1.64	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Erbium	164-1	8	0	0	3	173.21	cps
Gadolinium	160-1	17	42	8	22	78.07	cps
Holmium	165-1	1798420	1705109	1714786	1739438	2.95	cps
Indium	115-1	1361802	1317175	1304527	1327834	2.27	cps
Iron	54-1						cps
Iron	56-1	659735	662842	653904	658827	0.69	cps
Iron	57-1	17880	18862	17759	18167	3.33	cps
Krypton	83-1	247	230	220	232	5.80	cps
Lead	206-1	644	572	489	569	13.69	cps
Lead	207-1	483	533	450	489	8.58	cps
Lead	208-1	2256	2189	1978	2141	6.77	cps
Lithium	6-1	389422	378852	372961	380412	2.19	cps
Magnesium	24-1	7890	7259	7610	7586	4.17	cps
Manganese	55-1	9383	9182	9242	9269	1.11	cps
Molybdenum	94-1	125	83	67	92	32.77	cps
Molybdenum	95-1	92	100	75	89	14.32	cps
Molybdenum	96-1	75	133	125	111	28.40	cps

LB Number :	LB126874	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2023-08-14 17:33:32	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	67	33	50	50	33.34	cps
Molybdenum	98-1	100	100	83	94	10.18	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Nickel	60-1	250	220	200	224	11.27	cps
Phosphorus	31-1	30373	30483	30694	30517	0.53	cps
Potassium	39-1	2597274	2583305	2560260	2580280	0.72	cps
Rhodium	103-1	1394818	1353336	1328292	1358816	2.47	cps
Scandium	45-1	901950	885867	873845	887221	1.59	cps
Selenium	82-1	-3	-9	-1	-4	-107.54	cps
Selenium	77-1						cps
Selenium	78-1						cps
Silicon	28-1	377838	378588	379765	378730	0.26	cps
Silver	109-1	17	33	17	22	43.28	cps
Silver	107-1	33	42	25	33	25.01	cps
Sodium	23-1	962329	963196	946367	957297	0.99	cps
Strontium	86-1	483	575	450	503	12.87	cps
Strontium	88-1	833	725	1142	900	24.02	cps
Sulfur	34-1	354759	350030	354611	353133	0.76	cps
Terbium	159-1	1872346	1814759	1753534	1813546	3.28	cps
Thallium	203-1	183	292	308	261	25.99	cps
Thallium	205-1	567	533	592	564	5.19	cps
Tin	118-1	208	225	267	233	12.88	cps
Titanium	47-1	83	67	108	86	24.35	cps
Uranium	238-1	8	0	0	3	173.21	cps
Vanadium	51-1	140	180	220	180	22.22	cps
Ytterbium	172-1	8	8	0	6	86.60	cps
Ytterbium	176-1	175	225	108	169	34.54	cps
Yttrium	89-1	2555093	2477217	2392153	2474821	3.29	cps
Zinc	66-1	340	360	290	330	10.93	cps
Zirconium	90-1	67	100	67	78	24.74	cps
Zirconium	91-1	8	8	8	8	0.00	cps