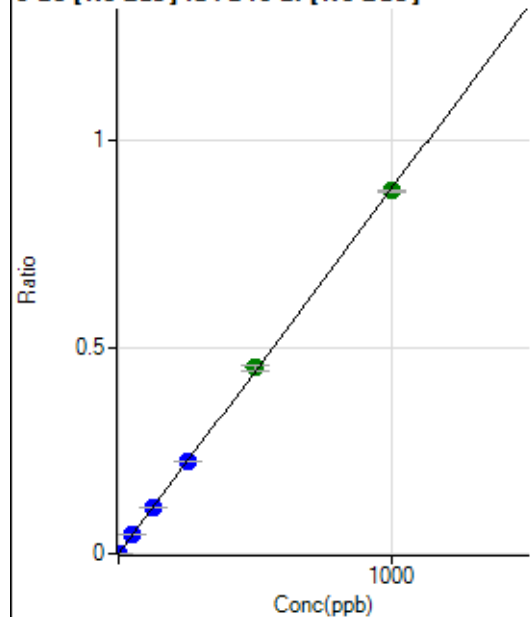


Calibration for 006CAL.S.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8022625MS200.8.b\
 Analysis File: P8022625MS200.8.batch.bin
 DA Date-Time: 2025-02-26 15:45:19
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-02-26 11:21:33
2	006CAL.S.d	S02	2025-02-26 11:27:38
3	007CAL.S.d	S03	2025-02-26 11:30:39
4	008CAL.S.d	S04	2025-02-26 11:33:42
5	009CAL.S.d	S05	2025-02-26 11:36:44
6	010CAL.S.d	S06	2025-02-26 11:39:48
7	011CAL.S.d	S07	2025-02-26 11:42:50
8	012CAL.S.d	S08	2025-02-26 11:45:54

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	195.96	0.0001	P	13.7
2	☐	1.000	1.048	2407.07	0.0010	P	4.8
3	☐	50.000	51.747	109162.93	0.0458	P	0.8
4	☐	125.000	128.124	267654.10	0.1133	P	0.0
5	☐	250.000	252.133	525518.22	0.2229	P	1.2
6	☐	500.000	509.494	1076037.02	0.4502	A	2.7
7	☐	1000.000	994.242	2113410.02	0.8785	A	0.6
8	☐			1088.50	0.0005	P	11.0

$$y = 8.8354\text{E-}004 * x + 8.1813\text{E-}005$$

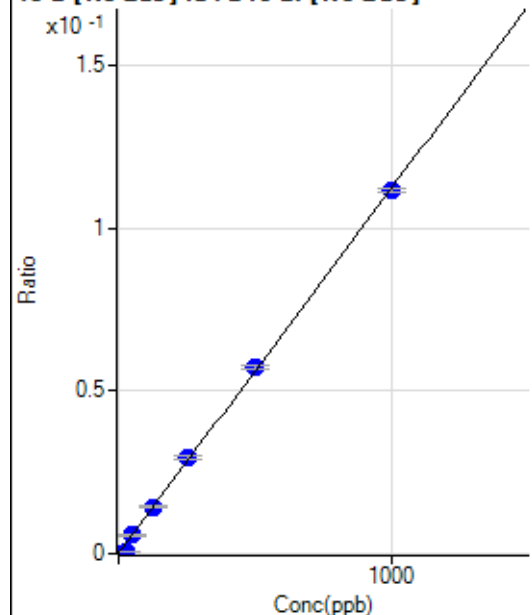
$$R = 0.9999$$

$$DL = 0.03817$$

$$BEC = 0.0926$$

Weight: <None>

Min Conc: 0

10 B [No Gas] ISTD:6 Li [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	252.62	0.0001	P	13.6
2	☐	25.000	4.635	1495.12	0.0006	P	5.8
3	☐	50.000	50.002	13630.95	0.0057	P	5.8
4	☐	125.000	127.790	34160.62	0.0145	P	4.2
5	☐	250.000	260.233	69148.35	0.0293	P	4.3
6	☐	500.000	509.483	137012.60	0.0573	P	2.7
7	☐	1000.000	992.861	268497.36	0.1116	P	1.1
8	☐			8625.53	0.0037	P	13.9

$$y = 1.1229\text{E-}004 * x + 1.0563\text{E-}004$$

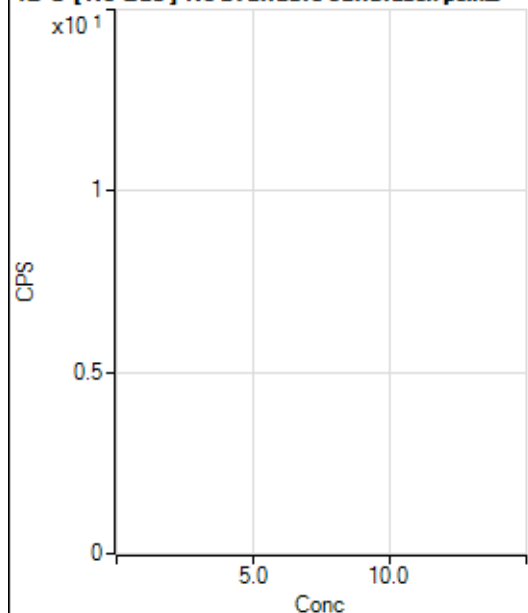
$$R = 0.9996$$

$$DL = 0.3827$$

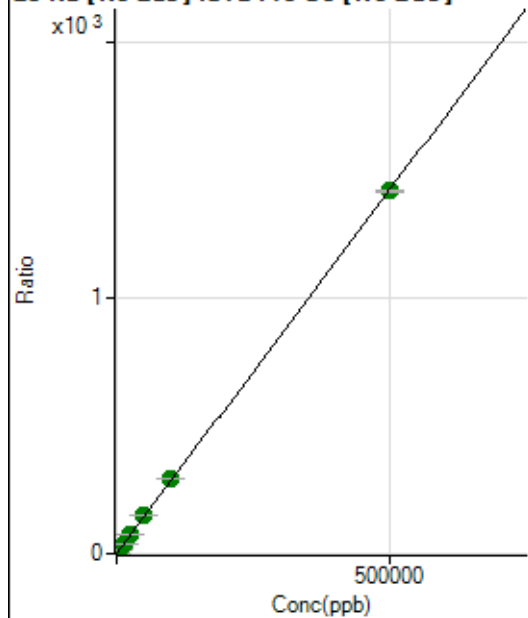
$$BEC = 0.9407$$

Weight: <None>

Min Conc: 0

12 C [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			2030061.07		A	2.1
2	☐			2060304.34		A	1.4
3	☐			2172055.78		A	1.6
4	☐			2238428.76		A	0.9
5	☐			2325552.31		A	0.8
6	☐			2506363.77		A	1.7
7	☐			2996405.21		A	3.5
8	☐			3327473.12		A	5.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2357104.99	0.6081	A	1.3
2	☐	500.000	560.028	8544244.57	2.2015	A	0.9
3	☐	5000.000	5423.483	62888003.29	16.0390	A	0.4
4	☐	12500.000	13594.714	153226471.07	39.2878	A	1.4
5	☐	25000.000	27317.875	303344403.72	78.3329	A	0.2
6	☐	50000.000	52987.308	595305811.51	151.3676	A	0.4
7	☐	100000.00	103202.40	1196552203.3	294.2396	A	1.2
8	☐	500000.00	498913.23	5722760318.7	1,420.115	A	0.6

$$y = 0.0028 * x + 0.6081$$

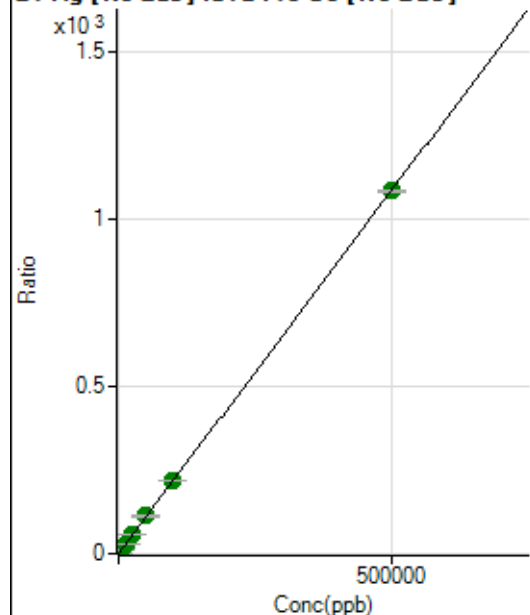
$$R = 1.0000$$

$$DL = 8.266$$

$$BEC = 213.7$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	142558.03	0.0368	P	1.7
2	☐	500.000	552.581	4805512.11	1.2382	A	0.3
3	☐	5000.000	5322.407	45515292.44	11.6087	A	0.9
4	☐	12500.000	13267.036	112645773.47	28.8818	A	0.6
5	☐	25000.000	26512.753	223367362.83	57.6804	A	0.3
6	☐	50000.000	51758.664	442710358.10	112.5696	A	1.1
7	☐	100000.00	100751.62	890955904.52	219.0893	A	1.1
8	☐	500000.00	499575.71	4377077616.7	1,086.206	A	0.5

$$y = 0.0022 * x + 0.0368$$

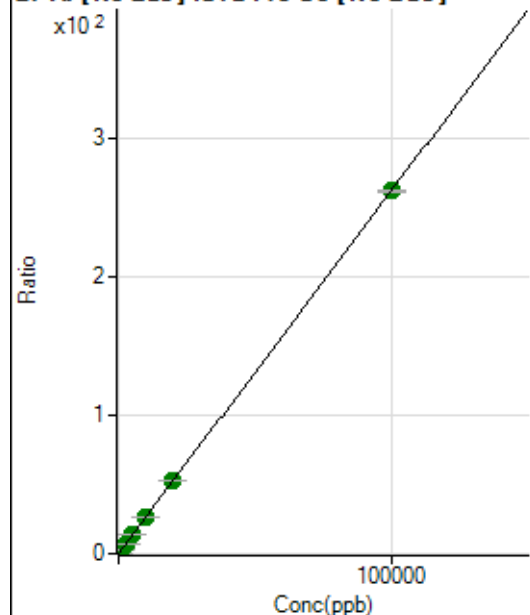
$$R = 1.0000$$

$$DL = 0.8467$$

$$BEC = 16.92$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9616.44	0.0025	P	6.9
2	☐	20.000	20.874	221998.53	0.0572	P	0.9
3	☐	1000.000	1041.876	10718437.12	2.7337	A	1.0
4	☐	2500.000	2606.558	26660292.27	6.8355	A	0.4
5	☐	5000.000	5279.606	53606749.03	13.8429	A	0.9
6	☐	10000.000	10266.963	105861266.70	26.9172	A	0.5
7	☐	20000.000	20104.695	214331040.16	52.7067	A	1.1
8	☐	100000.00	99935.302	1055699929.4	261.9816	A	0.6

$$y = 0.0026 * x + 0.0025$$

$$R = 1.0000$$

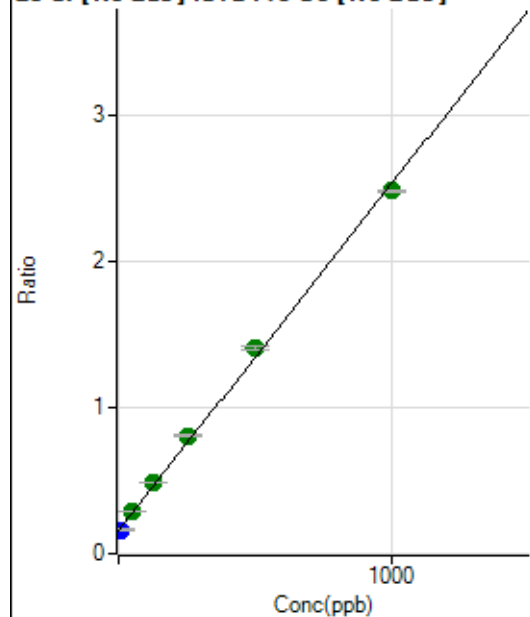
$$DL = 0.1971$$

$$BEC = 0.9468$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	617299.13	0.1593	P	0.8
2	☐	10.000	2.105	637473.50	0.1643	P	1.1
3	☐	50.000	54.924	1135416.40	0.2896	A	1.3
4	☐	125.000	137.516	1893816.23	0.4856	A	1.2
5	☐	250.000	273.571	3130609.77	0.8084	A	1.8
6	☐	500.000	525.876	5533765.66	1.4071	A	1.3
7	☐	1000.000	979.437	10098262.90	2.4834	A	0.7
8	☐			686224.89	0.1703	P	2.9

$$y = 0.0024 * x + 0.1593$$

$$R = 0.9990$$

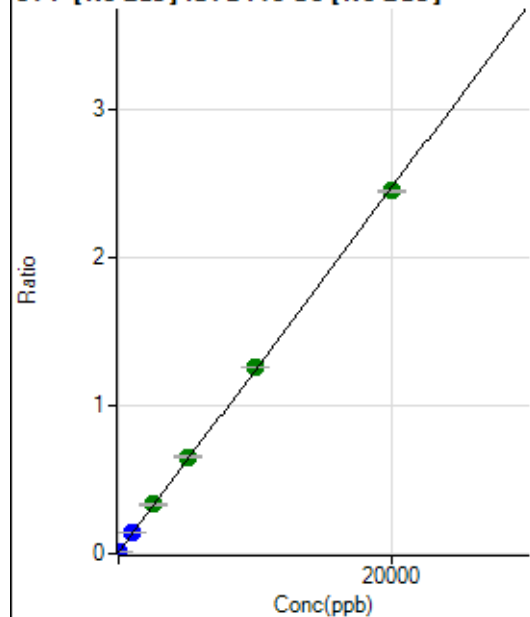
$$DL = 1.628$$

$$BEC = 67.12$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-17.142	28524.03	0.0074	P	2.9
2	☐	0.000	17.142	44938.65	0.0116	P	1.7
3	☐	1000.000	1045.664	541633.03	0.1381	P	1.3
4	☐	2500.000	2622.943	1295812.78	0.3322	A	1.0
5	☐	5000.000	5234.100	2530931.42	0.6536	A	1.0
6	☐	10000.000	10178.631	4963278.47	1.2620	A	0.5
7	☐	20000.000	19834.508	9964230.34	2.4502	A	0.6
8	☐			27774.92	0.0069	P	2.2

$$y = 1.2306E-004 * x + 0.0095$$

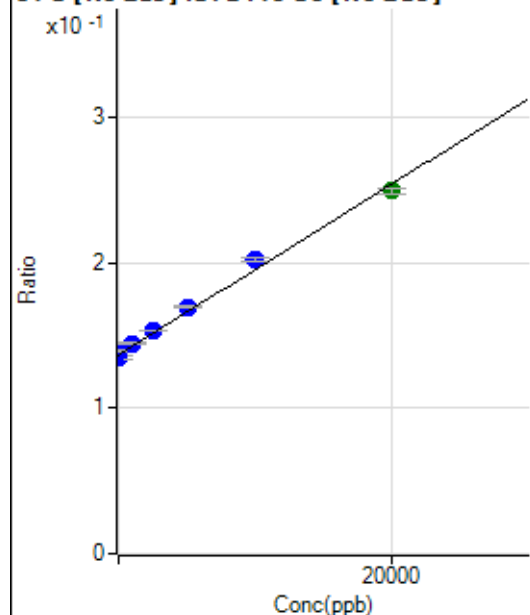
$$R = 0.9999$$

$$DL = 5.017$$

$$BEC = 76.96$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-392.223	520729.37	0.1344	P	2.0
2	☐	0.000	392.223	539302.79	0.1390	P	0.6
3	☐	1000.000	1321.999	566197.60	0.1444	P	1.0
4	☐	2500.000	2796.144	596936.21	0.1531	P	0.6
5	☐	5000.000	5602.076	656377.40	0.1695	P	0.6
6	☐	10000.000	11193.138	795442.81	0.2023	P	1.2
7	☐	20000.000	19199.794	1013369.30	0.2492	A	1.8
8	☐			498002.19	0.1236	P	1.0

$$y = 5.8615E-006 * x + 0.1367$$

$$R = 0.9962$$

$$DL = 890.3$$

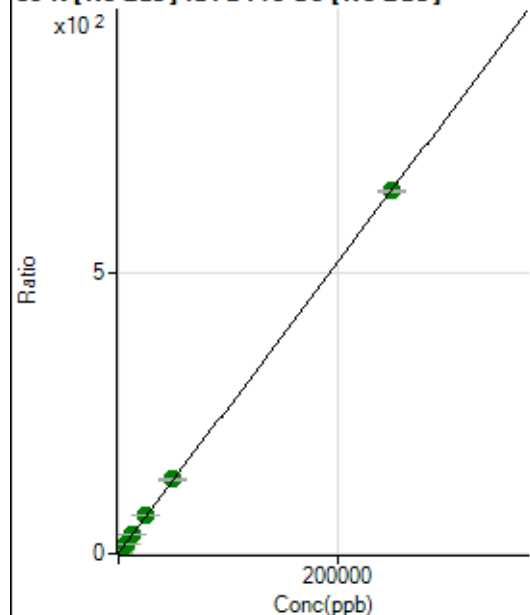
$$BEC = 2.331E+04$$

Weight: <None>

Min Conc: 0

35 Cl [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			63581.91		P	1.7
2	☐			65448.31		P	0.4
3	☐			69006.42		P	2.0
4	☐			68936.61		P	1.0
5	☐			71102.92		P	1.3
6	☐			74089.82		P	2.1
7	☐			84779.39		P	1.2
8	☐			68392.23		P	1.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3502608.45	0.9037	A	1.4
2	☐	500.000	549.052	9024352.78	2.3253	A	1.0
3	☐	2500.000	2640.210	30344180.40	7.7396	A	1.6
4	☐	6250.000	6582.134	69993257.46	17.9458	A	0.3
5	☐	12500.000	13262.918	136480003.53	35.2434	A	0.3
6	☐	25000.000	25746.185	265708078.72	67.5644	A	1.2
7	☐	50000.000	50695.993	537438626.36	132.1631	A	0.6
8	☐	250000.00	249738.23	2609348029.4	647.5126	A	0.6

$$y = 0.0026 * x + 0.9037$$

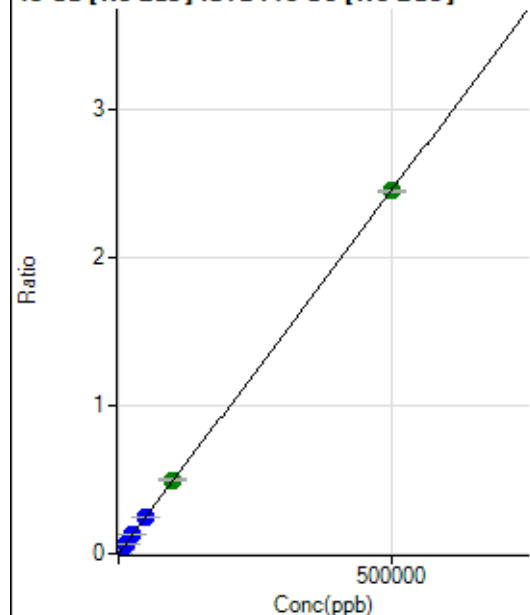
$$R = 1.0000$$

$$DL = 15$$

$$BEC = 349$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	512.86	0.0001	P	7.3
2	☐	500.000	539.124	10776.86	0.0028	P	0.7
3	☐	5000.000	5190.440	100331.79	0.0256	P	1.4
4	☐	12500.000	12888.380	247064.76	0.0633	P	0.8
5	☐	25000.000	25914.973	492735.95	0.1272	P	0.6
6	☐	50000.000	50019.972	965340.81	0.2455	P	0.8
7	☐	100000.00	101604.85	2026962.88	0.4985	A	0.7
8	☐	500000.00	499619.62	9875268.42	2.4507	A	0.7

$$y = 4.9048E-006 * x + 1.3239E-004$$

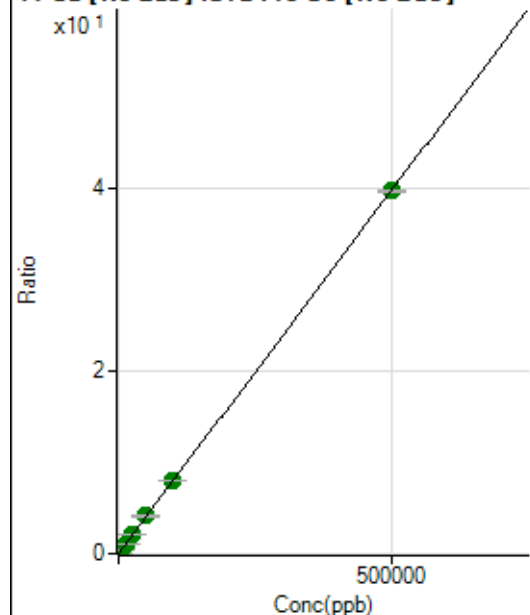
$$R = 1.0000$$

$$DL = 5.882$$

$$BEC = 26.99$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27683.89	0.0071	P	1.9
2	☐	500.000	536.013	192977.87	0.0497	P	0.5
3	☐	5000.000	5361.642	1697950.92	0.4331	A	1.3
4	☐	12500.000	13379.445	4173258.79	1.0700	A	0.8
5	☐	25000.000	26495.439	8178460.46	2.1119	A	1.6
6	☐	50000.000	51927.144	16250852.63	4.1322	A	1.5
7	☐	100000.00	100933.89	32635353.55	8.0253	A	0.7
8	☐	500000.00	499520.09	159932378.71	39.6887	A	0.6

$$y = 7.9439\text{E-}005 * x + 0.0071$$

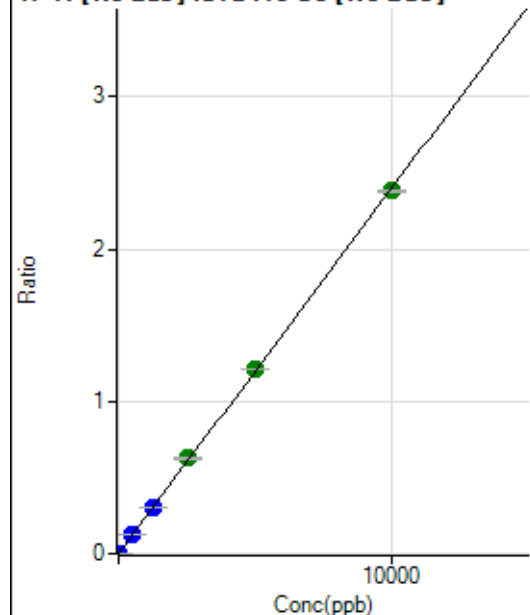
$$R = 1.0000$$

$$DL = 5.149$$

$$BEC = 89.92$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	341.68	0.0001	P	3.8
2	☐	5.000	5.121	5109.38	0.0013	P	2.1
3	☐	500.000	511.594	481362.19	0.1228	P	1.8
4	☐	1250.000	1269.445	1187712.74	0.3045	P	0.7
5	☐	2500.000	2614.766	2428692.98	0.6272	A	1.6
6	☐	5000.000	5063.944	4776435.00	1.2145	A	0.3
7	☐	10000.000	9936.326	9690845.01	2.3830	A	0.8
8	☐			1464.00	0.0004	P	12.5

$$y = 2.3982\text{E-}004 * x + 8.8126\text{E-}005$$

$$R = 0.9999$$

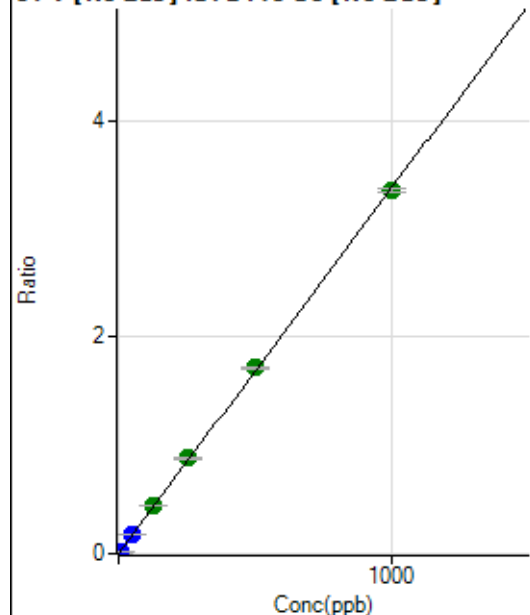
$$DL = 0.04169$$

$$BEC = 0.3675$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	170.17	0.0000	P	55.4
2	☐	5.000	5.173	68003.01	0.0175	P	1.7
3	☐	50.000	50.866	674046.41	0.1719	P	1.5
4	☐	125.000	130.290	1717269.67	0.4403	A	0.3
5	☐	250.000	260.692	3411384.42	0.8809	A	1.6
6	☐	500.000	508.305	6754887.56	1.7176	A	0.4
7	☐	1000.000	992.469	13636869.72	3.3536	A	0.9
8	☐			3734.35	0.0009	P	3.9

$$y = 0.0034 * x + 4.3708E-005$$

$$R = 0.9999$$

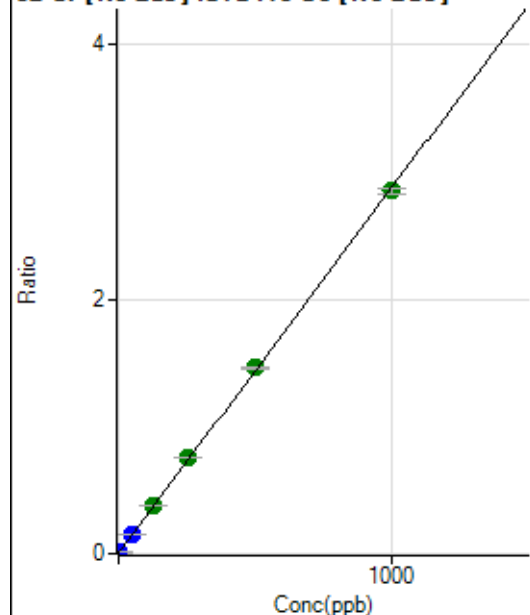
$$DL = 0.0215$$

$$BEC = 0.01294$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	10654.95	0.0027	P	4.9
2	☐	2.000	2.073	33784.56	0.0087	P	1.6
3	☐	50.000	51.710	593069.63	0.1513	P	1.5
4	☐	125.000	130.362	1470997.65	0.3772	A	1.6
5	☐	250.000	263.138	2937386.63	0.7585	A	1.1
6	☐	500.000	507.872	5747686.91	1.4614	A	0.7
7	☐	1000.000	992.023	11597673.31	2.8520	A	1.2
8	☐			44618.16	0.0111	P	1.2

$$y = 0.0029 * x + 0.0027$$

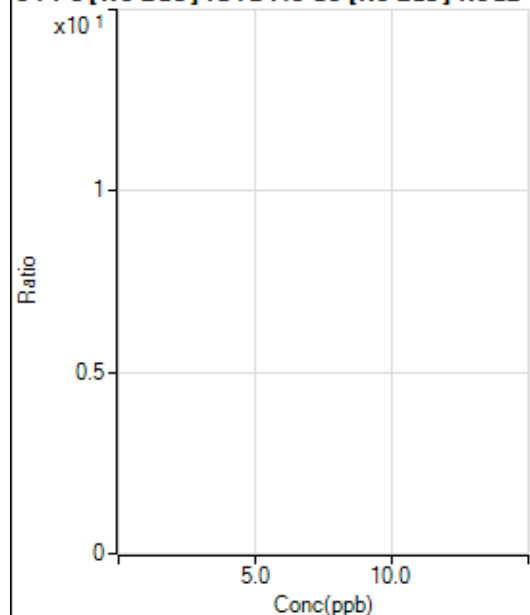
$$R = 0.9999$$

$$DL = 0.1397$$

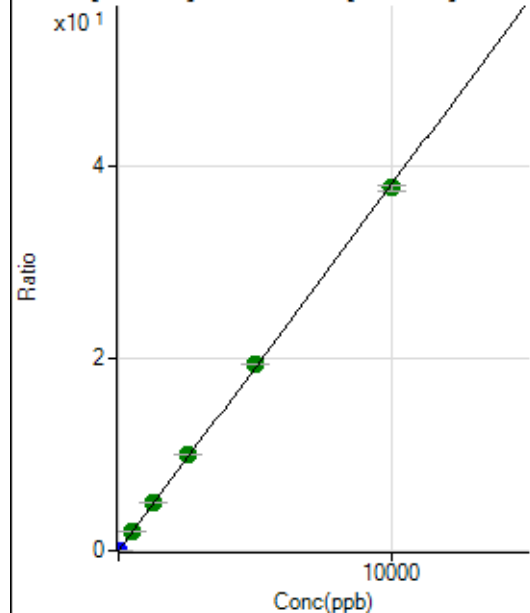
$$BEC = 0.9574$$

Weight: <None>

Min Conc: 0

54 Fe [No Gas] ISTD:45 Sc [No Gas] No a...

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19196.08	0.0050	P	1.8
2	☐	1.000	1.037	34547.09	0.0089	P	2.2
3	☐	500.000	523.350	7834555.74	1.9982	A	1.1
4	☐	1250.000	1295.953	19269640.42	4.9408	A	1.5
5	☐	2500.000	2625.161	38737992.46	10.0033	A	1.1
6	☐	5000.000	5105.364	76489625.27	19.4496	A	0.5
7	☐	10000.000	9909.116	153484167.10	37.7455	A	1.4
8	☐			112190.62	0.0278	P	4.9

$$y = 0.0038 * x + 0.0050$$

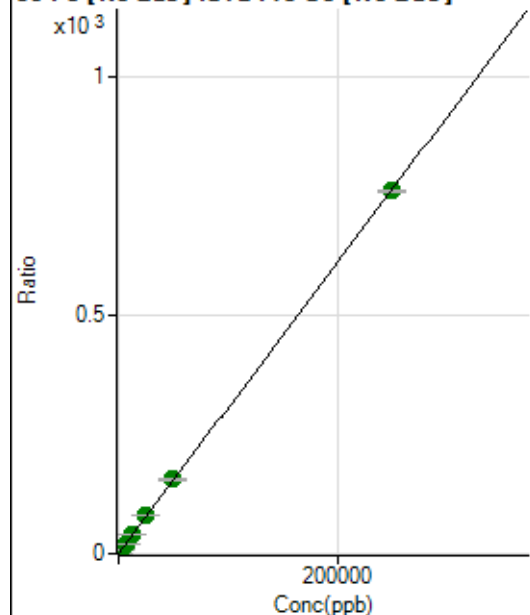
$$R = 0.9998$$

$$DL = 0.06912$$

$$BEC = 1.3$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1489013.23	0.3842	A	0.6
2	☐	50.000	59.463	2194562.92	0.5654	A	0.5
3	☐	2500.000	2698.460	33761846.49	8.6112	A	1.3
4	☐	6250.000	6636.355	80409571.74	20.6170	A	0.9
5	☐	12500.000	13451.285	160299502.19	41.3942	A	0.9
6	☐	25000.000	26173.507	315329261.49	80.1815	A	0.5
7	☐	50000.000	51097.187	635012570.20	156.1684	A	1.2
8	☐	250000.00	249604.00	3068140672.5	761.3725	A	0.7

$$y = 0.0030 * x + 0.3842$$

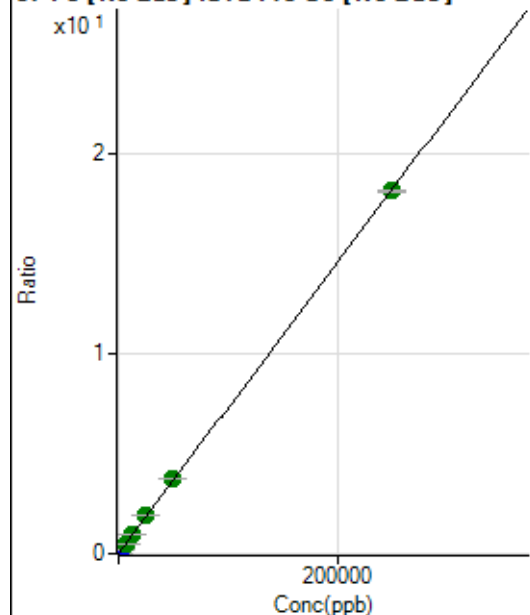
$$R = 1.0000$$

$$DL = 2.366$$

$$BEC = 126$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	45147.09	0.0117	P	3.4
2	☐	50.000	61.242	62455.90	0.0161	P	1.5
3	☐	2500.000	2730.567	822380.65	0.2098	P	1.5
4	☐	6250.000	6857.631	1985882.70	0.5092	A	1.3
5	☐	12500.000	13536.479	3848245.09	0.9937	A	0.2
6	☐	25000.000	26074.419	7485252.86	1.9034	A	1.2
7	☐	50000.000	51132.559	15132377.68	3.7214	A	1.2
8	☐	250000.00	249596.72	73020346.94	18.1202	A	0.2

$$y = 7.2551E-005 * x + 0.0117$$

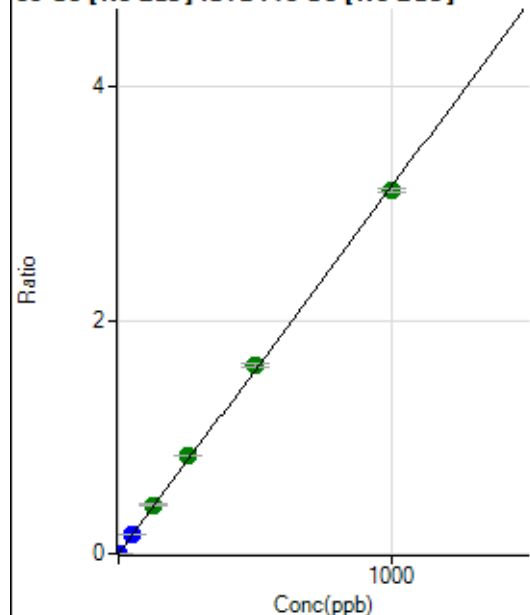
$$R = 1.0000$$

$$DL = 16.57$$

$$BEC = 160.6$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2943.33	0.0008	P	4.5
2	☐	1.000	1.124	16673.55	0.0043	P	2.2
3	☐	50.000	51.802	642074.11	0.1638	P	1.4
4	☐	125.000	133.367	1639742.85	0.4204	A	0.9
5	☐	250.000	266.114	3245723.29	0.8381	A	1.2
6	☐	500.000	512.649	6346920.92	1.6139	A	1.5
7	☐	1000.000	988.511	12651502.31	3.1113	A	1.2
8	☐			32122.36	0.0080	P	2.7

$$y = 0.0031 * x + 7.5907E-004$$

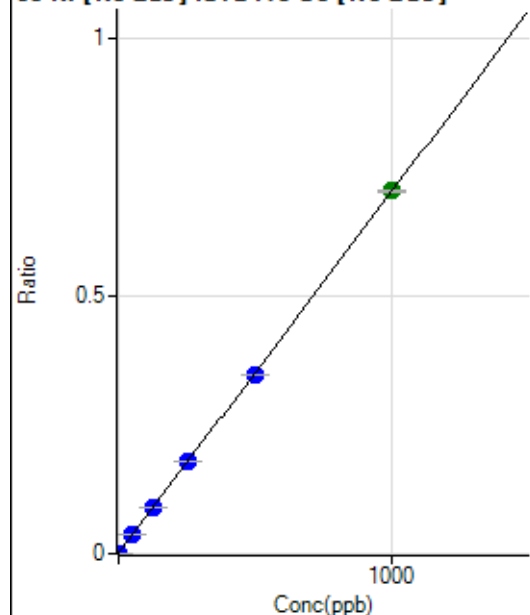
$$R = 0.9997$$

$$DL = 0.03245$$

$$BEC = 0.2412$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2849.89	0.0007	P	12.3
2	☐	1.000	0.978	5520.08	0.0014	P	3.1
3	☐	50.000	51.919	145771.53	0.0372	P	0.4
4	☐	125.000	127.149	350946.86	0.0900	P	0.6
5	☐	250.000	255.281	696733.32	0.1799	P	1.1
6	☐	500.000	491.895	1360755.13	0.3460	P	0.3
7	☐	1000.000	1002.368	2864015.32	0.7043	A	0.7
8	☐			13884.31	0.0034	P	5.2

$$y = 7.0190E-004 * x + 7.3560E-004$$

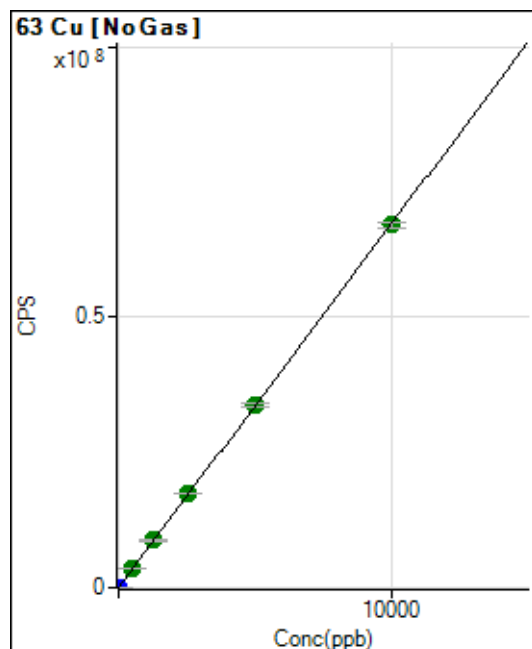
$$R = 0.9999$$

$$DL = 0.3856$$

$$BEC = 1.048$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	18103.85		P	0.8
2	☐	2.000	2.146	32553.90		P	0.7
3	☐	500.000	528.195	3574120.47		A	1.4
4	☐	1250.000	1293.369	8725574.38		A	1.3
5	☐	2500.000	2579.738	17385917.38		A	0.6
6	☐	5000.000	5013.498	33770945.61		A	1.6
7	☐	10000.000	9966.486	67116415.11		A	1.6
8	☐			49670.85		P	2.1

$$y = 6732.3942 * x + 18103.8467$$

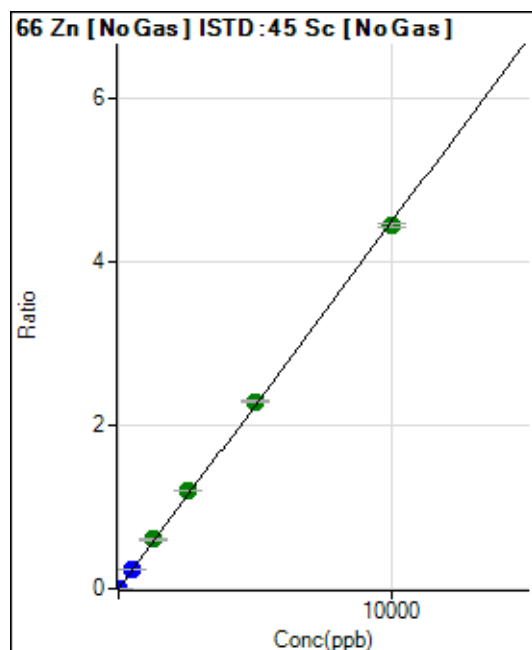
$$R = 1.0000$$

$$DL = 0.06605$$

$$BEC = 2.689$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	700.74	0.0002	P	24.6
2	☐	2.000	5.671	10598.22	0.0027	P	4.3
3	☐	500.000	518.907	915297.52	0.2334	P	1.2
4	☐	1250.000	1337.511	2345770.45	0.6014	A	0.3
5	☐	2500.000	2676.354	4659776.07	1.2033	A	0.4
6	☐	5000.000	5101.622	9019720.03	2.2935	A	0.8
7	☐	10000.000	9893.216	18085640.42	4.4475	A	1.0
8	☐			12615.18	0.0031	P	1.7

$$y = 4.4954E-004 * x + 1.8113E-004$$

$$R = 0.9997$$

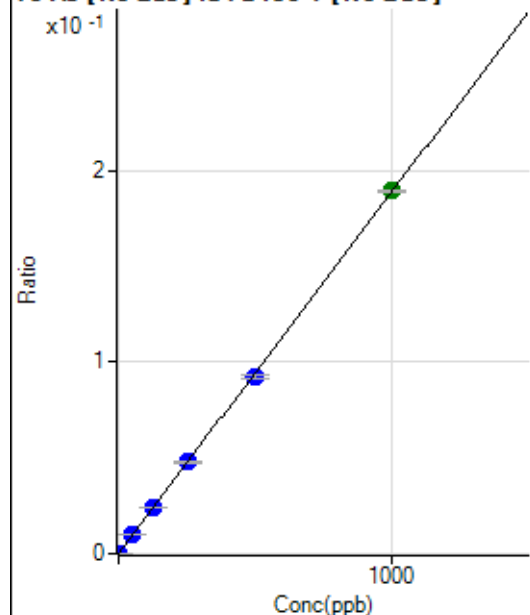
$$DL = 0.2976$$

$$BEC = 0.4029$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	883.91	0.0001	P	9.9
2	☐	1.000	1.088	2981.43	0.0003	P	3.2
3	☐	50.000	51.570	99723.72	0.0098	P	0.8
4	☐	125.000	127.016	244316.41	0.0241	P	1.0
5	☐	250.000	253.440	486716.69	0.0479	P	1.9
6	☐	500.000	489.360	961933.35	0.0924	P	1.5
7	☐	1000.000	1004.130	2031321.57	0.1895	A	0.5
8	☐			1894.40	0.0002	P	6.2

$$y = 1.8866\text{E-}004 * x + 8.6927\text{E-}005$$

$$R = 0.9999$$

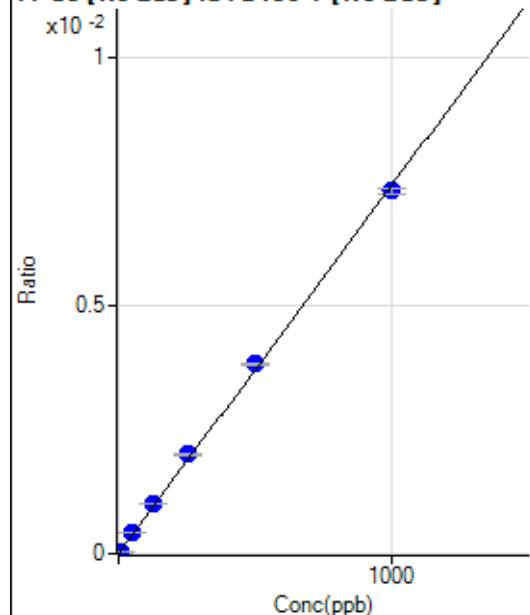
$$DL = 0.1375$$

$$BEC = 0.4607$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	37.78	0.0000	P	1.4
2	☐	5.000	5.476	451.56	0.0000	P	3.0
3	☐	50.000	55.248	4192.63	0.0004	P	1.1
4	☐	125.000	136.162	10277.29	0.0010	P	0.8
5	☐	250.000	268.961	20267.58	0.0020	P	2.1
6	☐	500.000	515.675	39775.61	0.0038	P	1.5
7	☐	1000.000	985.762	78235.13	0.0073	P	1.9
8	☐			78.89	0.0000	P	1.2

$$y = 7.4028\text{E-}006 * x + 3.7148\text{E-}006$$

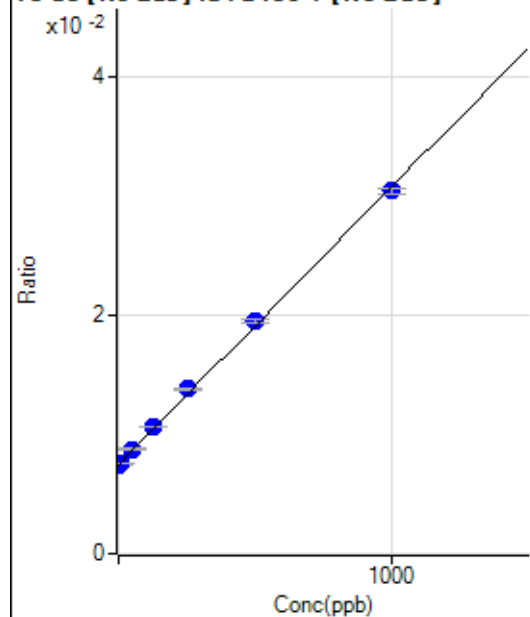
$$R = 0.9996$$

$$DL = 0.0214$$

$$BEC = 0.5018$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	76009.44	0.0075	P	0.9
2	☐	5.000	3.869	77180.86	0.0076	P	1.2
3	☐	50.000	55.058	88960.51	0.0088	P	0.9
4	☐	125.000	136.716	108269.27	0.0107	P	0.6
5	☐	250.000	271.296	140123.97	0.0138	P	1.8
6	☐	500.000	516.655	203016.10	0.0195	P	1.4
7	☐	1000.000	984.637	325734.95	0.0304	P	1.7
8	☐			75353.52	0.0071	P	0.3

$$y = 2.3280E-005 * x + 0.0075$$

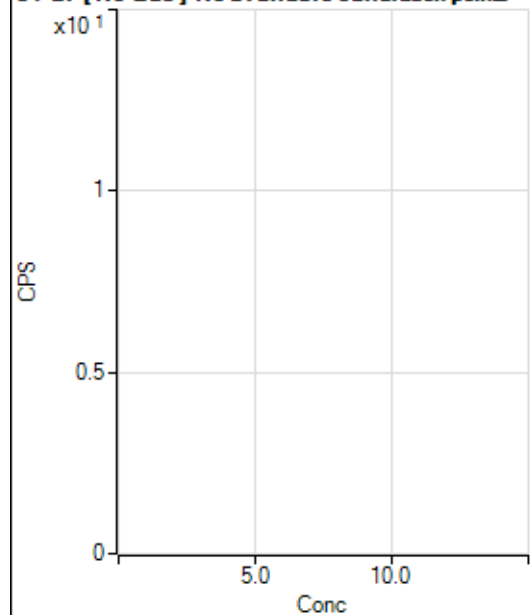
$$R = 0.9995$$

$$DL = 8.487$$

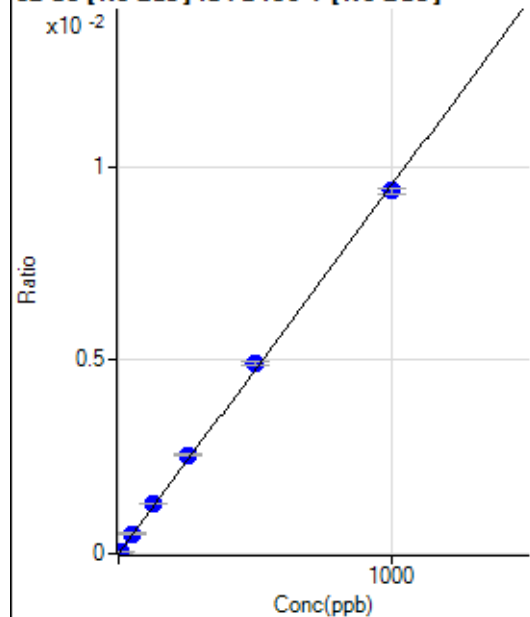
$$BEC = 321.1$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1922.12		P	3.9
2	☐			1988.86		P	5.5
3	☐			2002.21		P	7.5
4	☐			1882.08		P	3.2
5	☐			1968.84		P	8.1
6	☐			2062.29		P	4.0
7	☐			2088.99		P	6.5
8	☐			2262.53		P	11.1

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-38.22	0.0000	P	-79.
2	☐	5.000	5.722	516.46	0.0001	P	7.0
3	☐	50.000	54.576	5234.17	0.0005	P	1.0
4	☐	125.000	134.987	13002.01	0.0013	P	0.8
5	☐	250.000	267.828	25840.28	0.0025	P	1.8
6	☐	500.000	516.697	51108.64	0.0049	P	1.4
7	☐	1000.000	985.714	100405.14	0.0094	P	1.9
8	☐			10.44	0.0000	P	60.2

$$y = 9.5097E-006 * x - 3.7703E-006$$

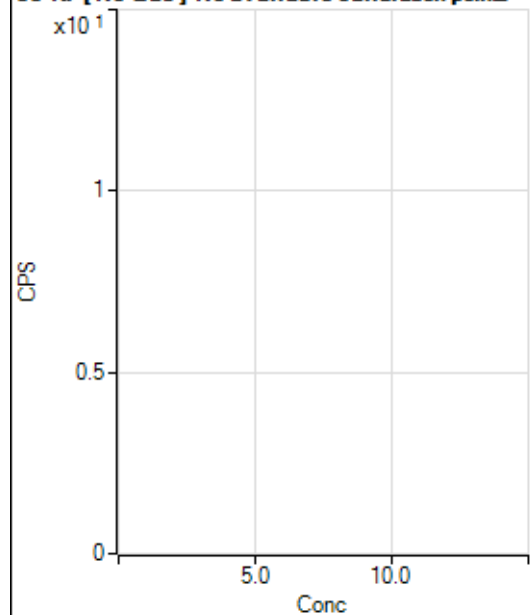
$$R = 0.9996$$

$$DL = 0.9437$$

$$BEC = -0.3965$$

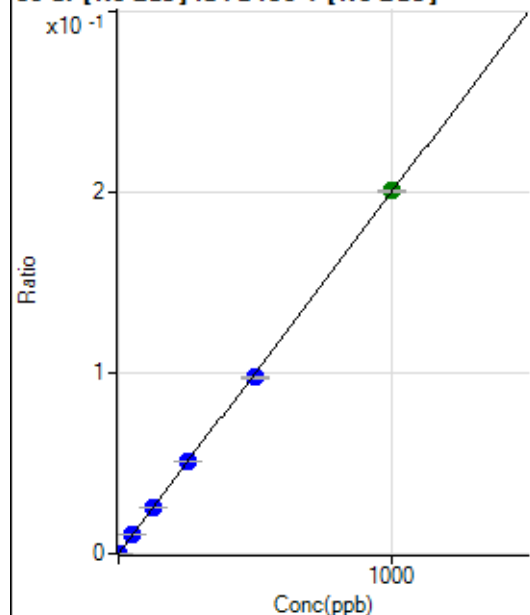
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			261.12		P	16.0
2	☐			222.23		P	7.4
3	☐			233.34		P	21.6
4	☐			252.22		P	5.3
5	☐			255.56		P	6.4
6	☐			222.23		P	3.5
7	☐			284.45		P	3.4
8	☐			256.67		P	2.6

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1133.42	0.0001	P	4.9
2	☐	1.000	1.172	3525.55	0.0003	P	6.2
3	☐	50.000	51.574	105722.97	0.0104	P	1.4
4	☐	125.000	127.549	259801.69	0.0256	P	0.2
5	☐	250.000	254.722	517828.78	0.0510	P	1.1
6	☐	500.000	488.745	1016829.70	0.0977	P	0.9
7	☐	1000.000	1004.050	2149447.73	0.2005	A	0.8
8	☐			7018.62	0.0007	P	1.7

$$y = 1.9963E-004 * x + 1.1149E-004$$

$$R = 0.9999$$

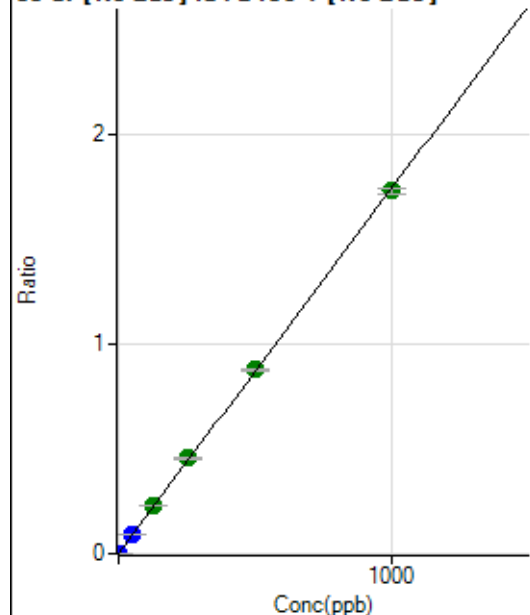
$$DL = 0.08268$$

$$BEC = 0.5585$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7113.11	0.0007	P	3.2
2	☐	1.000	1.051	25771.52	0.0025	P	1.9
3	☐	50.000	51.602	918109.70	0.0904	P	1.1
4	☐	125.000	132.404	2344483.80	0.2308	A	1.6
5	☐	250.000	261.126	4617974.75	0.4545	A	1.6
6	☐	500.000	504.979	9142742.22	0.8783	A	1.1
7	☐	1000.000	993.723	18515122.46	1.7276	A	1.4
8	☐			58472.98	0.0055	P	1.1

$$y = 0.0017 * x + 6.9963E-004$$

$$R = 0.9999$$

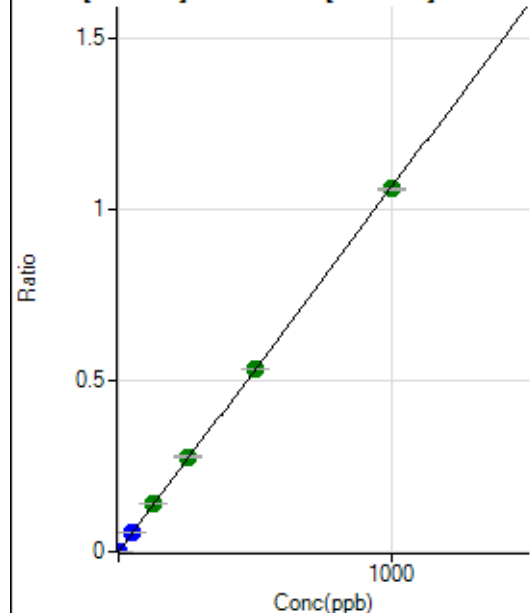
$$DL = 0.03901$$

$$BEC = 0.4026$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	311.12	0.0000	P	4.8
2	☐	1.000	1.061	11835.91	0.0012	P	1.0
3	☐	50.000	50.859	550298.79	0.0542	P	1.3
4	☐	125.000	130.728	1413993.91	0.1392	A	0.9
5	☐	250.000	259.794	2809935.07	0.2766	A	2.9
6	☐	500.000	502.774	5572072.57	0.5352	A	0.4
7	☐	1000.000	995.406	11357227.95	1.0597	A	0.3
8	☐			17778.45	0.0017	P	3.7

$$y = 0.0011 * x + 3.0588E-005$$

$$R = 0.9999$$

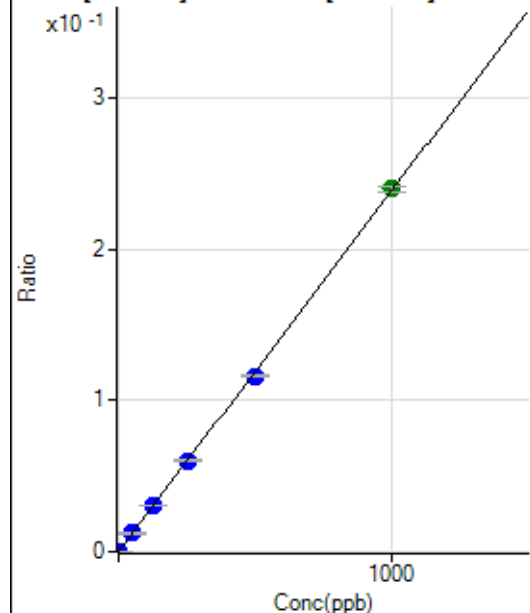
$$DL = 0.004119$$

$$BEC = 0.02873$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	119.45	0.0000	P	25.9
2	☐	1.000	1.073	2728.12	0.0003	P	3.7
3	☐	50.000	51.085	123751.54	0.0122	P	2.3
4	☐	125.000	126.117	305346.88	0.0301	P	1.3
5	☐	250.000	251.754	609560.55	0.0600	P	1.4
6	☐	500.000	487.186	1208417.65	0.1161	P	1.3
7	☐	1000.000	1005.774	2567979.59	0.2396	A	1.4
8	☐			4006.24	0.0004	P	4.8

$$y = 2.3825E-004 * x + 1.1733E-005$$

$$R = 0.9999$$

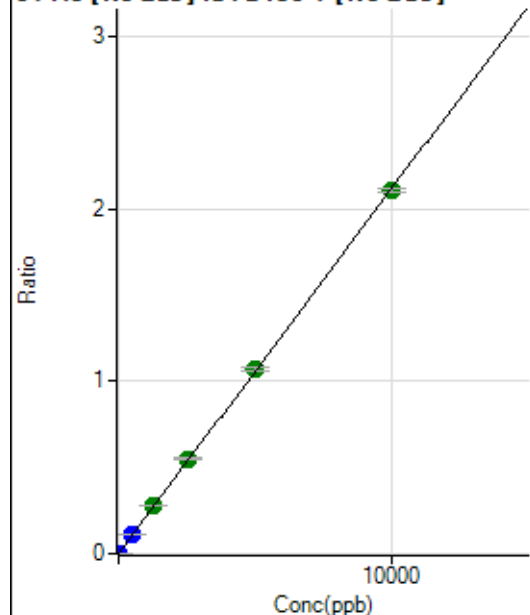
$$DL = 0.03823$$

$$BEC = 0.04925$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	258.34	0.0000	P	22.5
2	☐	5.000	6.053	13326.16	0.0013	P	4.2
3	☐	500.000	518.083	1113961.94	0.1097	P	1.4
4	☐	1250.000	1307.630	2811238.36	0.2767	A	1.1
5	☐	2500.000	2604.856	5600514.06	0.5512	A	2.4
6	☐	5000.000	5045.634	11114531.76	1.0677	A	2.1
7	☐	10000.000	9942.861	22549008.32	2.1040	A	1.0
8	☐			16223.71	0.0015	P	2.4

$$y = 2.1161\text{E-}004 * x + 2.5374\text{E-}005$$

$$R = 0.9999$$

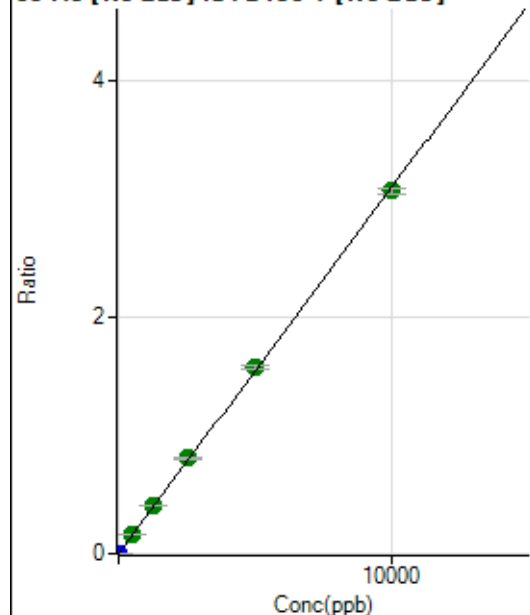
$$DL = 0.08103$$

$$BEC = 0.1199$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	308.35	0.0000	P	16.5
2	☐	5.000	5.212	16749.38	0.0016	P	2.5
3	☐	500.000	524.094	1646394.28	0.1621	A	1.7
4	☐	1250.000	1310.191	4115421.62	0.4051	A	0.6
5	☐	2500.000	2616.567	8220451.83	0.8090	A	1.4
6	☐	5000.000	5098.237	16408489.43	1.5763	A	1.8
7	☐	10000.000	9913.011	32844903.51	3.0650	A	1.7
8	☐			17472.50	0.0017	P	3.1

$$y = 3.0918\text{E-}004 * x + 3.0325\text{E-}005$$

$$R = 0.9998$$

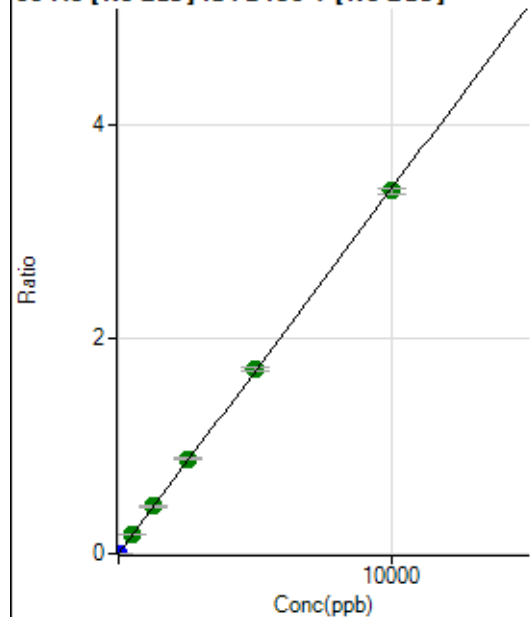
$$DL = 0.04841$$

$$BEC = 0.09808$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	441.68	0.0000	P	18.9
2	☐	5.000	5.145	18273.55	0.0018	P	3.5
3	☐	500.000	525.204	1813083.29	0.1785	A	1.1
4	☐	1250.000	1297.361	4477829.74	0.4408	A	1.3
5	☐	2500.000	2597.401	8966540.74	0.8825	A	1.6
6	☐	5000.000	5057.790	17886792.24	1.7183	A	2.1
7	☐	10000.000	9939.574	36188531.36	3.3769	A	1.4
8	☐			19928.72	0.0019	P	2.0

$$y = 3.3973\text{E-}004 * x + 4.3398\text{E-}005$$

$$R = 0.9999$$

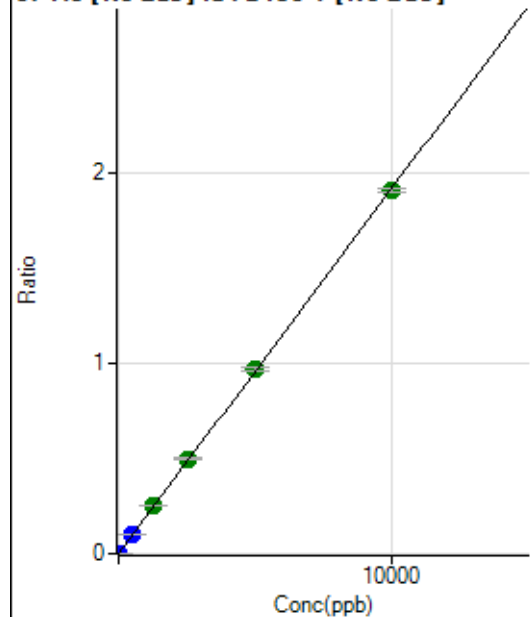
$$DL = 0.07226$$

$$BEC = 0.1277$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	161.12	0.0000	P	41.2
2	☐	5.000	5.281	10487.55	0.0010	P	0.7
3	☐	500.000	515.983	1004671.30	0.0989	P	1.0
4	☐	1250.000	1314.653	2559334.72	0.2519	A	2.0
5	☐	2500.000	2608.309	5078505.80	0.4999	A	2.4
6	☐	5000.000	5044.555	10062593.63	0.9667	A	2.1
7	☐	10000.000	9941.764	20418428.24	1.9052	A	0.9
8	☐			10623.78	0.0010	P	2.2

$$y = 1.9163\text{E-}004 * x + 1.5822\text{E-}005$$

$$R = 0.9999$$

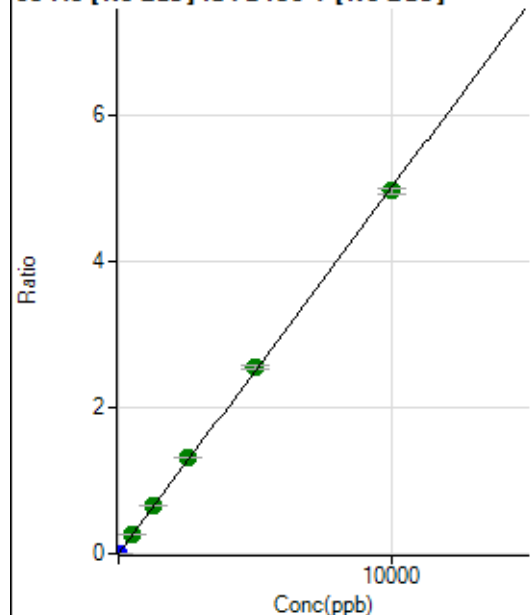
$$DL = 0.1021$$

$$BEC = 0.08257$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	402.79	0.0000	P	4.6
2	☐	5.000	5.140	26626.01	0.0026	P	0.7
3	☐	500.000	530.168	2693358.41	0.2651	A	1.1
4	☐	1250.000	1303.544	6621311.82	0.6518	A	1.6
5	☐	2500.000	2623.812	13330471.74	1.3120	A	1.6
6	☐	5000.000	5093.425	26508238.09	2.5468	A	2.8
7	☐	10000.000	9914.133	53122815.77	4.9571	A	1.3
8	☐			26923.89	0.0026	P	1.1

$$y = 5.0000\text{E-}004 * x + 3.9616\text{E-}005$$

$$R = 0.9998$$

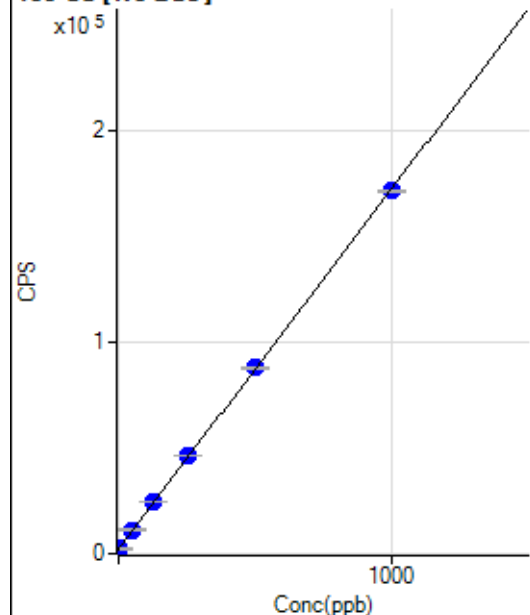
$$DL = 0.01103$$

$$BEC = 0.07923$$

Weight: <None>

Min Conc: 0

106 Cd [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2136.33		P	4.5
2	☐	1.000	0.963	2300.26		P	4.5
3	☐	50.000	53.859	11304.87		P	3.4
4	☐	125.000	131.013	24438.90		P	2.8
5	☐	250.000	257.880	46035.76		P	0.1
6	☐	500.000	504.485	88015.96		P	1.0
7	☐	1000.000	994.843	171490.59		P	0.5
8	☐			1925.19		P	1.1

$$y = 170.2322 * x + 2136.3333$$

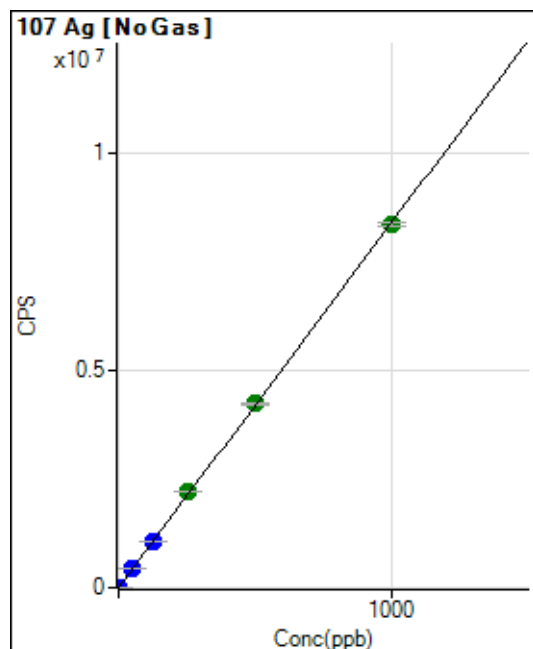
$$R = 0.9999$$

$$DL = 1.69$$

$$BEC = 12.55$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	72.22		P	53.3
2	☐	1.000	0.989	8358.31		P	3.9
3	☐	50.000	50.817	426013.71		P	0.6
4	☐	125.000	126.350	1059112.85		P	0.4
5	☐	250.000	263.060	2204992.80		A	1.3
6	☐	500.000	504.757	4230858.30		A	1.3
7	☐	1000.000	994.147	8332835.26		A	1.1
8	☐			1536.25		P	17.3

$$y = 8381.8230 * x + 72.2233$$

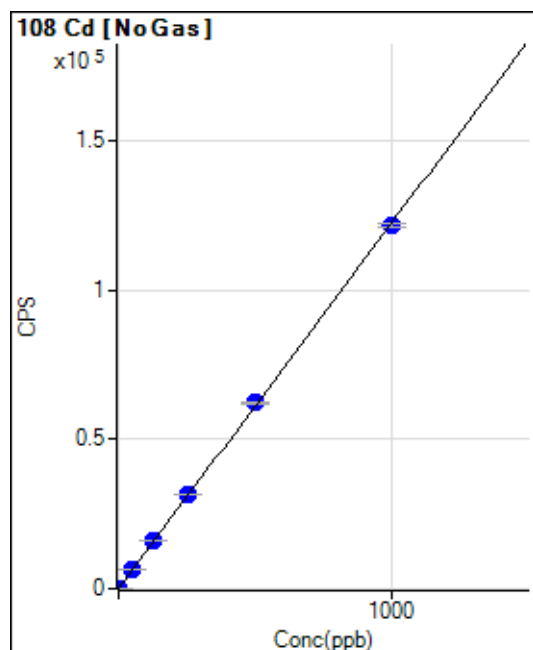
$$R = 0.9999$$

$$DL = 0.01378$$

$$BEC = 0.008617$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	55.55		P	15.6
2	☐	1.000	1.031	181.95		P	9.3
3	☐	50.000	52.728	6516.90		P	3.8
4	☐	125.000	132.394	16279.15		P	1.8
5	☐	250.000	259.103	31806.12		P	0.6
6	☐	500.000	507.673	62265.96		P	0.7
7	☐	1000.000	992.827	121716.85		P	0.9
8	☐			231.95		P	17.4

$$y = 122.5403 * x + 55.5533$$

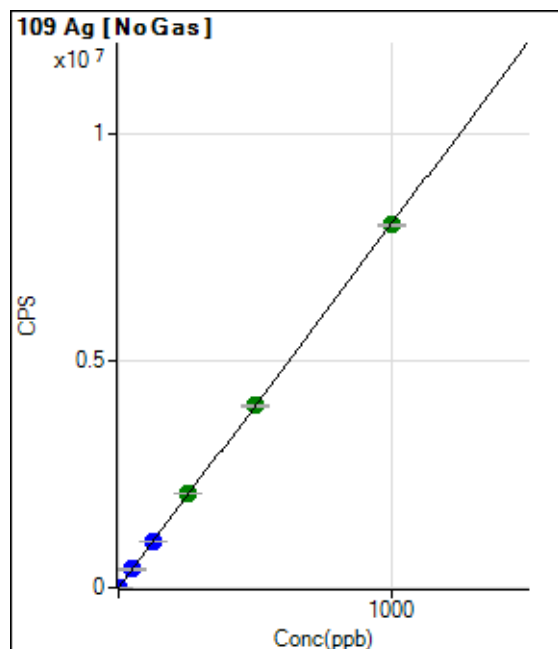
$$R = 0.9999$$

$$DL = 0.2124$$

$$BEC = 0.4533$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	41.67		P	40.0
2	☐	1.000	0.971	7838.56		P	5.6
3	☐	50.000	50.515	405616.62		P	1.3
4	☐	125.000	125.942	1011200.68		P	0.5
5	☐	250.000	259.533	2083767.28		A	1.2
6	☐	500.000	500.916	4021775.74		A	0.8
7	☐	1000.000	997.015	8004840.11		A	0.8
8	☐			1533.47		P	1.4

$$y = 8028.7611 * x + 41.6667$$

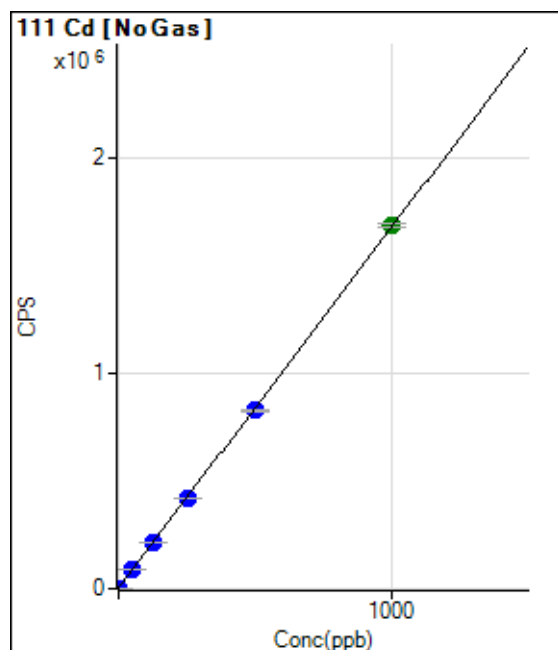
$$R = 0.9999$$

$$DL = 0.006227$$

$$BEC = 0.00519$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1509.33		P	5.4
2	☐	1.000	1.043	3259.35		P	5.4
3	☐	50.000	51.589	88089.20		P	0.6
4	☐	125.000	126.677	214106.73		P	0.3
5	☐	250.000	250.186	421386.56		P	0.6
6	☐	500.000	491.953	827135.97		P	1.0
7	☐	1000.000	1003.688	1685962.02		A	1.2
8	☐			1942.25		P	0.8

$$y = 1678.2633 * x + 1509.3267$$

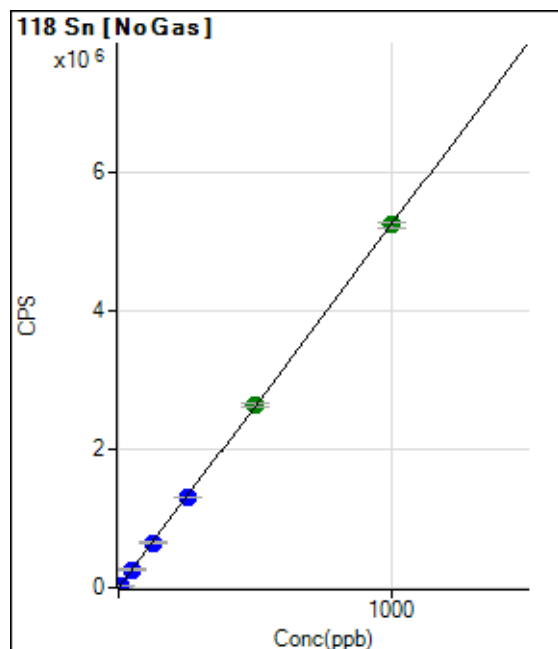
$$R = 0.9999$$

$$DL = 0.1458$$

$$BEC = 0.8993$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	527.80		P	3.6
2	☐	5.000	5.101	27244.30		P	1.2
3	☐	50.000	50.163	263279.13		P	1.1
4	☐	125.000	124.043	650251.13		P	0.8
5	☐	250.000	248.492	1302104.20		P	1.0
6	☐	500.000	503.287	2636695.05		A	1.3
7	☐	1000.000	998.844	5232374.64		A	1.3
8	☐			2483.63		P	5.8

$$y = 5237.8996 * x + 527.8033$$

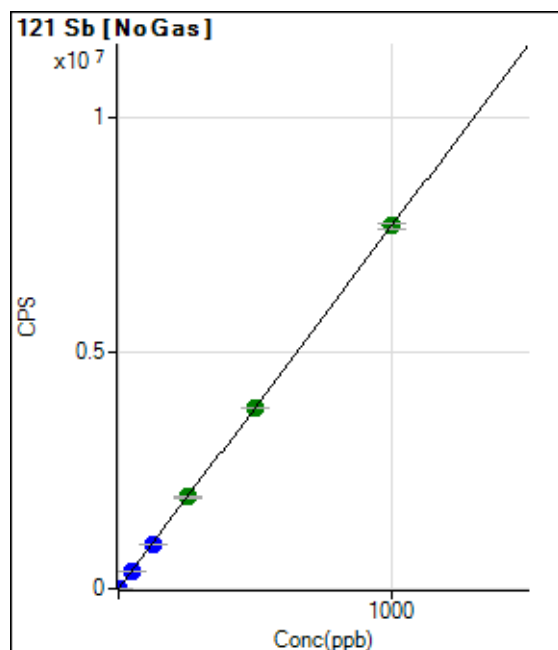
$$R = 1.0000$$

$$DL = 0.01102$$

$$BEC = 0.1008$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56		P	25.4
2	☐	2.000	2.036	15756.64		P	2.2
3	☐	50.000	49.328	379351.77		P	1.0
4	☐	125.000	122.011	938154.57		P	0.5
5	☐	250.000	252.226	1939278.19		A	0.9
6	☐	500.000	498.404	3831951.17		A	0.5
7	☐	1000.000	1000.649	7693327.43		A	1.4
8	☐			4395.29		P	6.7

$$y = 7688.2343 * x + 105.5567$$

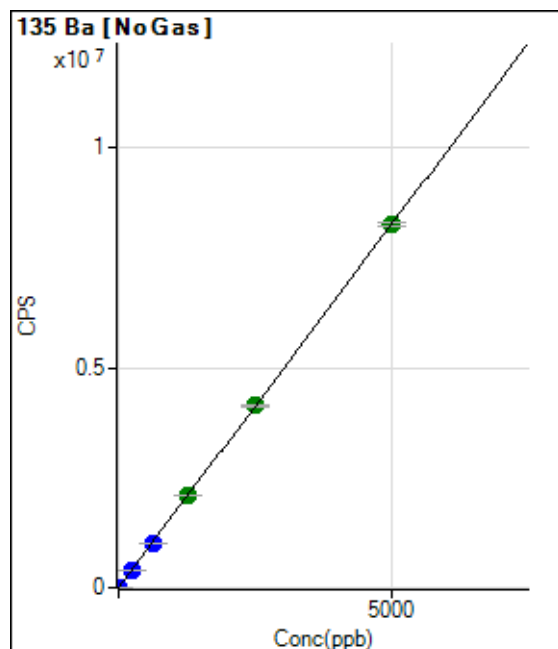
$$R = 1.0000$$

$$DL = 0.01045$$

$$BEC = 0.01373$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	208.34		P	20.0
2	☐	10.000	9.781	16357.42		P	0.8
3	☐	250.000	247.095	408165.99		P	0.8
4	☐	625.000	611.952	1010553.01		P	0.7
5	☐	1250.000	1264.202	2087428.28		A	0.6
6	☐	2500.000	2506.331	4138206.04		A	1.0
7	☐	5000.000	4995.061	8247145.49		A	1.1
8	☐			5501.31		P	0.2

$$y = 1651.0183 * x + 208.3400$$

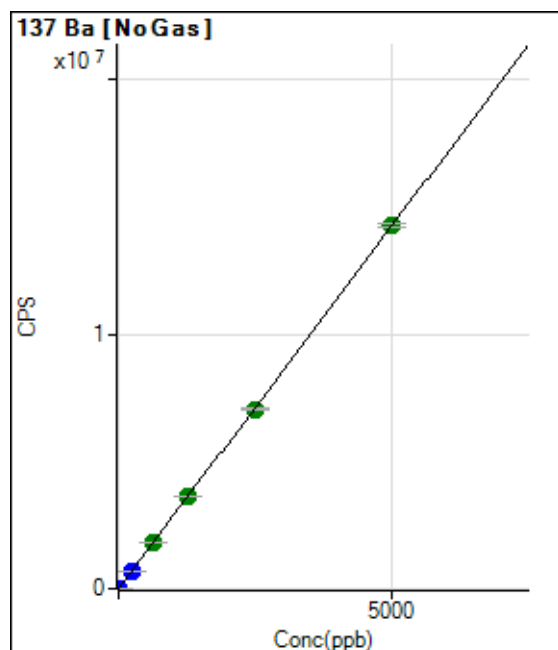
$$R = 1.0000$$

$$DL = 0.07572$$

$$BEC = 0.1262$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	300.01		P	4.8
2	☐	10.000	10.072	28998.36		P	2.5
3	☐	250.000	249.519	711226.64		P	0.7
4	☐	625.000	635.711	1811558.83		A	1.4
5	☐	1250.000	1270.227	3619411.71		A	0.7
6	☐	2500.000	2473.798	7048610.57		A	1.4
7	☐	5000.000	5006.729	14265403.79		A	0.9
8	☐			9286.78		P	1.9

$$y = 2849.1861 * x + 300.0133$$

$$R = 1.0000$$

$$DL = 0.01519$$

$$BEC = 0.1053$$

Weight: <None>

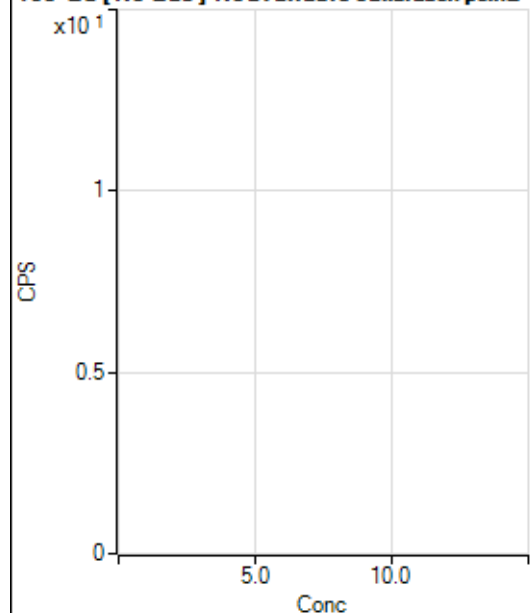
Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	34.6
2	☐			13.33		P	100.
3	☐			35.55		P	10.8
4	☐			44.45		P	37.7
5	☐			106.67		P	28.6
6	☐			251.12		P	19.9
7	☐			446.68		P	16.8
8	☐			191.12		P	12.3

156 Dy [No Gas] No available calibration points

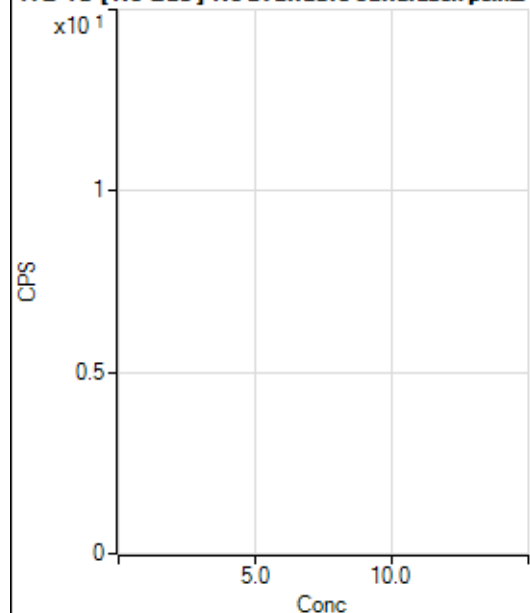
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1414.00		P	5.4
2	☐			1222.31		P	2.6
3	☐			1308.44		P	8.0
4	☐			1202.87		P	10.6
5	☐			1322.33		P	13.0
6	☐			1338.99		P	12.0
7	☐			1472.34		P	6.8
8	☐			1550.13		P	13.7

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

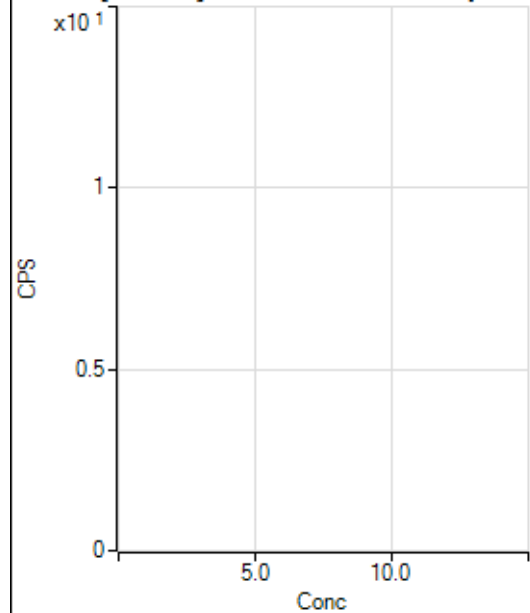
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.67		P	87.2
2	☐			47.22		P	62.0
3	☐			38.89		P	12.4
4	☐			91.67		P	24.1
5	☐			41.67		P	60.0
6	☐			105.56		P	50.8
7	☐			111.11		P	28.4
8	☐			316.68		P	14.7

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55.55		P	37.8
2	☐			47.22		P	27.0
3	☐			36.11		P	35.3
4	☐			47.22		P	53.9
5	☐			50.00		P	60.1
6	☐			94.45		P	13.5
7	☐			147.23		P	11.8
8	☐			280.57		P	9.5

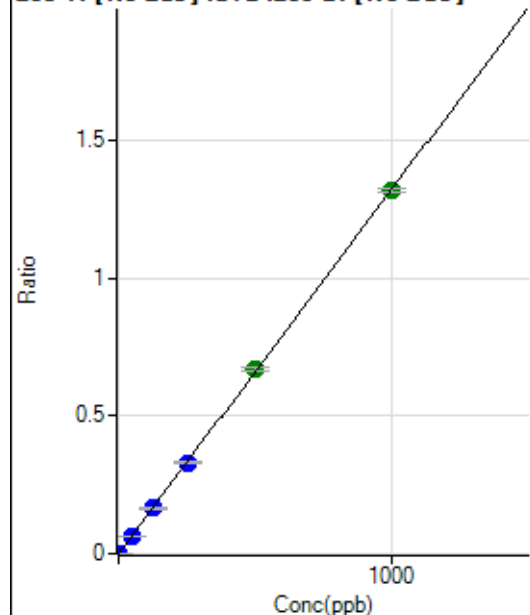
172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	35.3
2	☐			50.00		P	44.1
3	☐			36.11		P	13.3
4	☐			75.00		P	40.1
5	☐			80.56		P	11.9
6	☐			111.11		P	11.5
7	☐			166.67		P	26.5
8	☐			322.24		P	21.5

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			577.81		P	4.6
2	☐			630.59		P	4.6
3	☐			2100.23		P	10.6
4	☐			4186.91		P	1.5
5	☐			7744.15		P	6.2
6	☐			14911.59		P	2.1
7	☐			29388.84		P	1.7
8	☐			802.82		P	8.8

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	122.23	0.0000	P	5.7
2	☐	1.000	0.990	6540.72	0.0013	P	1.9
3	☐	50.000	49.614	320091.09	0.0656	P	0.8
4	☐	125.000	124.528	798589.08	0.1647	P	1.1
5	☐	250.000	250.552	1594637.54	0.3313	P	1.1
6	☐	500.000	506.578	3270505.52	0.6698	A	1.4
7	☐	1000.000	996.651	6461368.37	1.3177	A	1.0
8	☐			708.37	0.0002	P	7.5

$$y = 0.0013 * x + 2.5142E-005$$

$$R = 1.0000$$

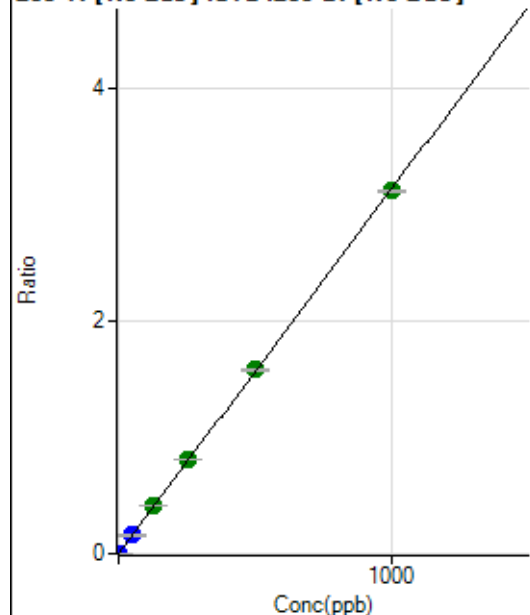
$$DL = 0.003242$$

$$BEC = 0.01902$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	250.01	0.0001	P	5.2
2	☐	1.000	1.013	15832.24	0.0032	P	1.3
3	☐	50.000	50.338	770621.07	0.1580	P	1.2
4	☐	125.000	130.865	1991404.02	0.4106	A	1.2
5	☐	250.000	257.618	3890829.04	0.8083	A	1.1
6	☐	500.000	504.715	7732559.63	1.5836	A	1.2
7	☐	1000.000	994.988	15307177.60	3.1217	A	0.6
8	☐			1655.71	0.0004	P	11.2

$$y = 0.0031 * x + 5.1424E-005$$

$$R = 0.9999$$

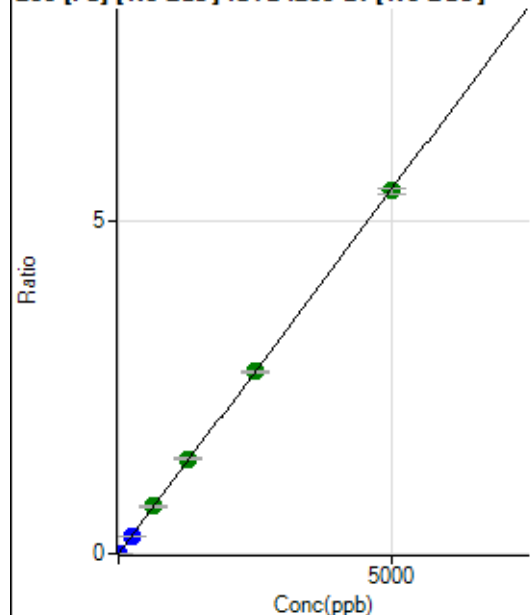
$$DL = 0.002533$$

$$BEC = 0.01639$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	514.84	0.0001	P	18.4
2	☐	1.000	0.983	5784.72	0.0012	P	4.8
3	☐	250.000	244.535	1303856.18	0.2673	P	0.7
4	☐	625.000	652.122	3456011.91	0.7126	A	1.7
5	☐	1250.000	1302.397	6850157.33	1.4231	A	1.7
6	☐	2500.000	2506.502	13373813.26	2.7388	A	1.0
7	☐	5000.000	4980.533	26685031.38	5.4420	A	1.5
8	☐			6171.93	0.0013	P	1.1

$$y = 0.0011 * x + 1.0573E-004$$

$$R = 0.9999$$

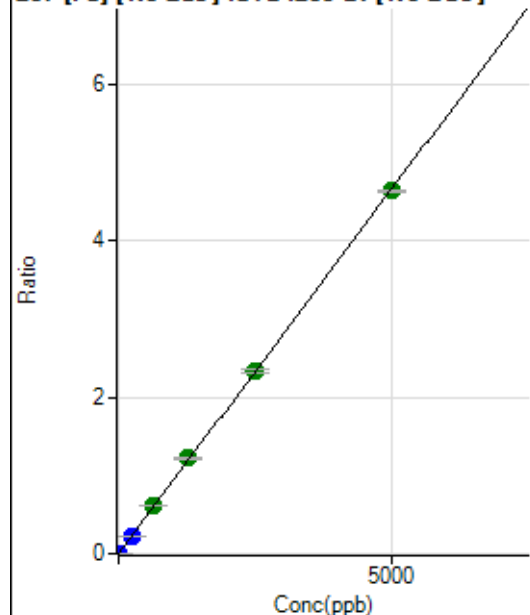
$$DL = 0.05353$$

$$BEC = 0.09677$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	459.28	0.0001	P	10.9
2	☐	1.000	0.978	4936.22	0.0010	P	3.1
3	☐	250.000	247.436	1126323.95	0.2309	P	0.4
4	☐	625.000	653.041	2954581.46	0.6092	A	1.0
5	☐	1250.000	1312.222	5892075.60	1.2241	A	1.5
6	☐	2500.000	2507.086	11419324.56	2.3386	A	1.4
7	☐	5000.000	4977.525	22766285.46	4.6430	A	0.7
8	☐			5386.39	0.0012	P	4.8

$$y = 9.3277E-004 * x + 9.4480E-005$$

$$R = 0.9999$$

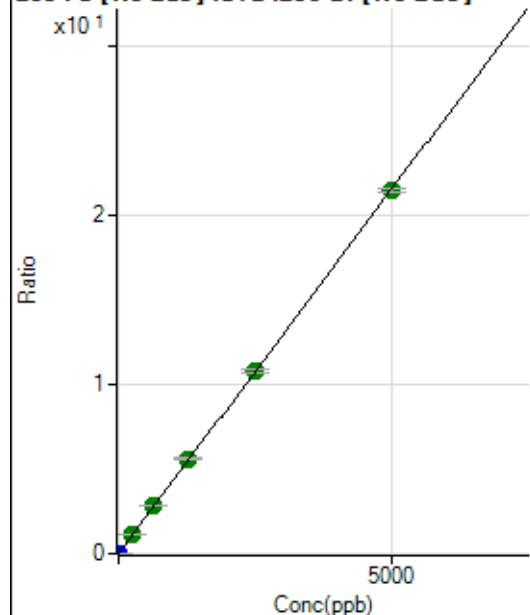
$$DL = 0.03323$$

$$BEC = 0.1013$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2137.15	0.0004	P	0.3
2	☐	1.000	0.974	22745.25	0.0046	P	2.3
3	☐	250.000	253.744	5336656.73	1.0940	A	0.6
4	☐	625.000	650.588	13600400.77	2.8043	A	0.8
5	☐	1250.000	1298.654	26942116.69	5.5974	A	1.8
6	☐	2500.000	2509.849	52821166.00	10.8173	A	1.3
7	☐	5000.000	4979.527	105233003.74	21.4611	A	1.0
8	☐			24357.46	0.0052	P	2.9

$$y = 0.0043 * x + 4.3932E-004$$

$$R = 0.9999$$

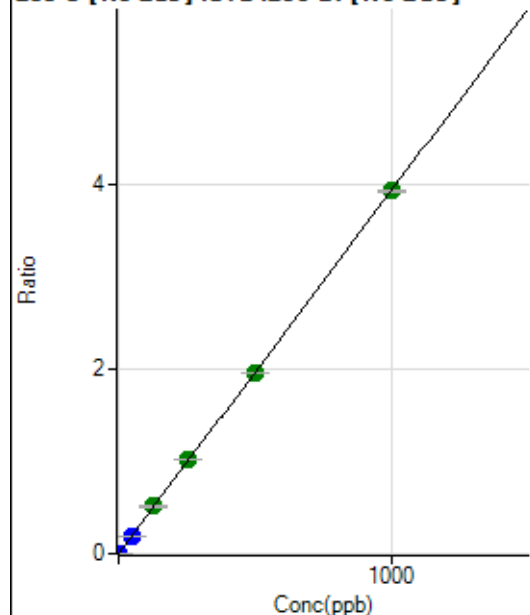
$$DL = 0.001062$$

$$BEC = 0.1019$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	125.00	0.0000	P	19.0
2	☐	1.000	0.964	18725.37	0.0038	P	1.4
3	☐	50.000	49.543	951157.66	0.1950	P	1.7
4	☐	125.000	129.799	2477428.81	0.5108	A	1.4
5	☐	250.000	258.911	4904654.19	1.0189	A	1.2
6	☐	500.000	497.110	9553451.43	1.9563	A	0.5
7	☐	1000.000	998.640	19270814.49	3.9301	A	0.9
8	☐			966.74	0.0002	P	21.9

$$y = 0.0039 * x + 2.5750E-005$$

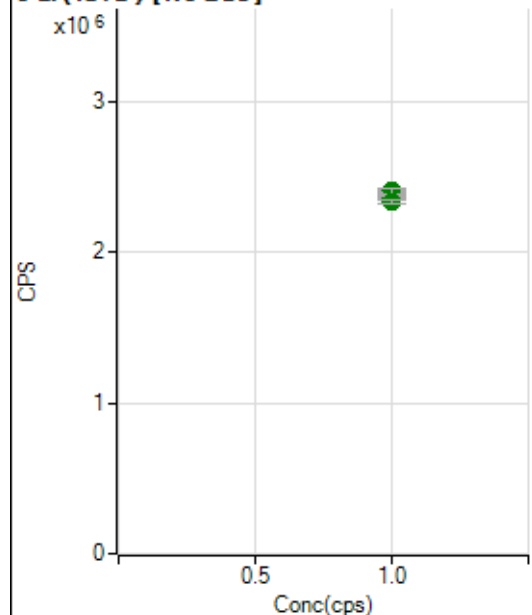
$$R = 0.9999$$

$$DL = 0.003739$$

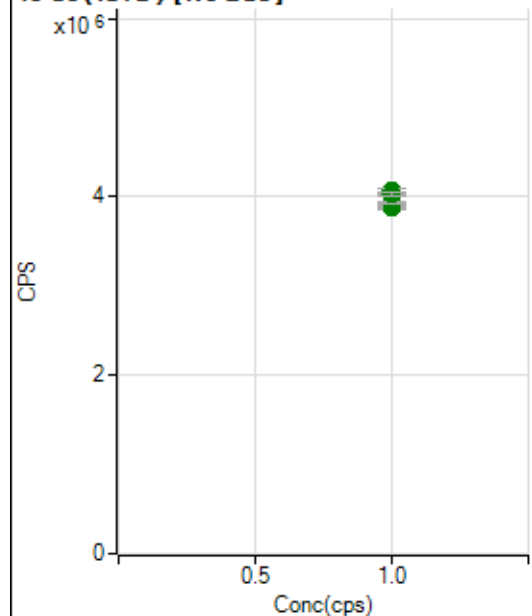
$$BEC = 0.006543$$

Weight: <None>

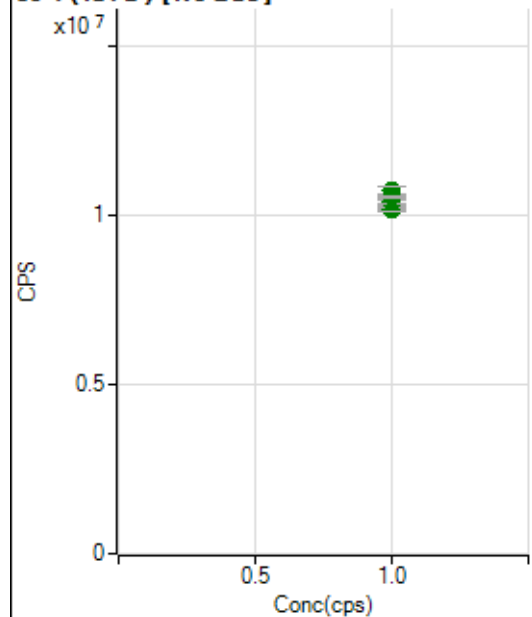
Min Conc: 0

6 Li (ISTD) [No Gas]

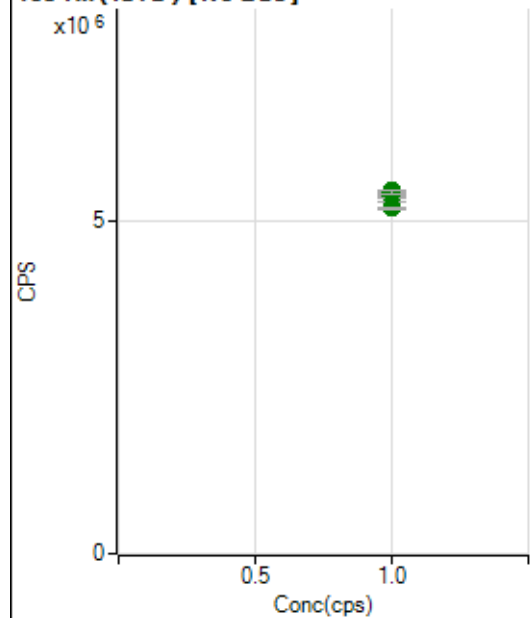
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2394534.68		A	1.4
2	☐	1.000		2389412.25		A	1.6
3	☐	1.000		2383476.08		A	0.9
4	☐	1.000		2362687.22		A	0.7
5	☐	1.000		2358326.38		A	0.9
6	☐	1.000		2390612.01		A	1.9
7	☐	1.000		2405725.48		A	1.3
8	☐	1.000		2337815.73		A	1.0

45 Sc (ISTD) [No Gas]

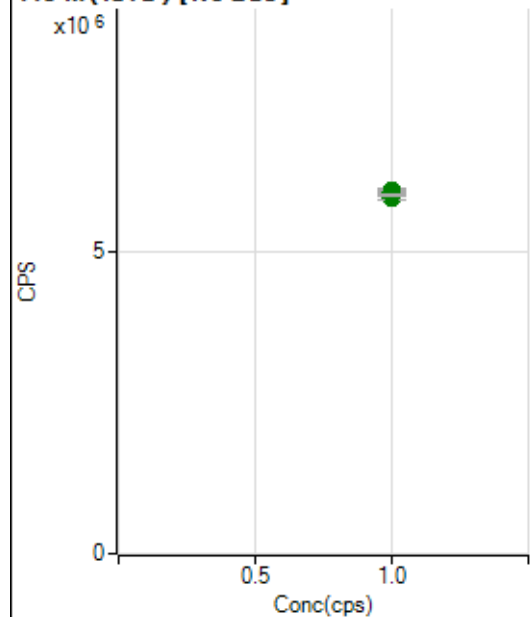
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3876209.35		A	1.2
2	☐	1.000		3881102.75		A	0.7
3	☐	1.000		3921045.57		A	1.0
4	☐	1.000		3900278.83		A	0.5
5	☐	1.000		3872499.53		A	0.0
6	☐	1.000		3932792.62		A	0.7
7	☐	1.000		4066515.39		A	1.2
8	☐	1.000		4029795.88		A	0.8

89 Y (ISTD) [No Gas]

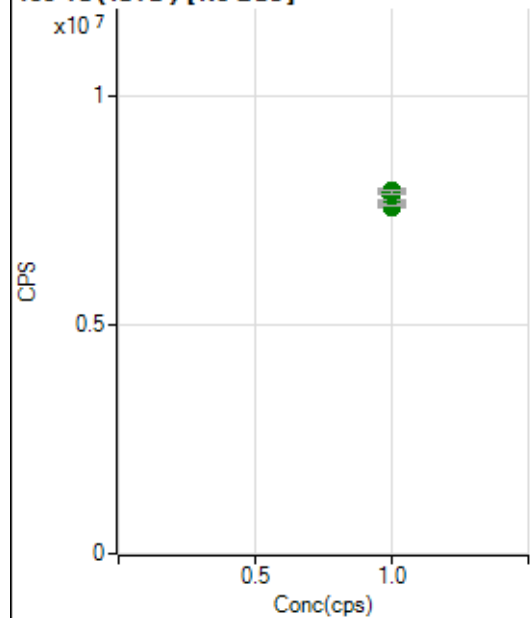
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10168767.84		A	0.8
2	☐	1.000		10202972.14		A	1.1
3	☐	1.000		10159513.67		A	1.0
4	☐	1.000		10158773.67		A	0.5
5	☐	1.000		10162238.46		A	1.5
6	☐	1.000		10410648.73		A	1.4
7	☐	1.000		10718317.48		A	2.1
8	☐	1.000		10552564.36		A	0.4

103 Rh (ISTD) [No Gas]

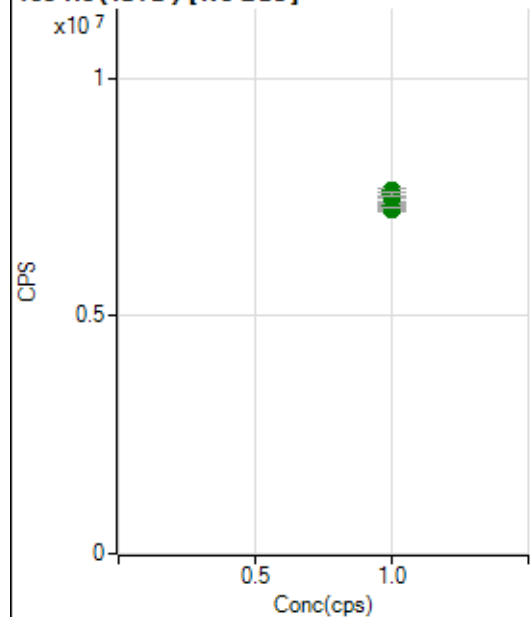
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5435605.03		A	0.2
2	☐	1.000		5452486.84		A	0.2
3	☐	1.000		5415824.90		A	1.2
4	☐	1.000		5360204.55		A	1.0
5	☐	1.000		5291136.75		A	0.3
6	☐	1.000		5373959.93		A	1.0
7	☐	1.000		5430493.18		A	0.9
8	☐	1.000		5201261.97		A	0.6

115 In (ISTD) [No Gas]

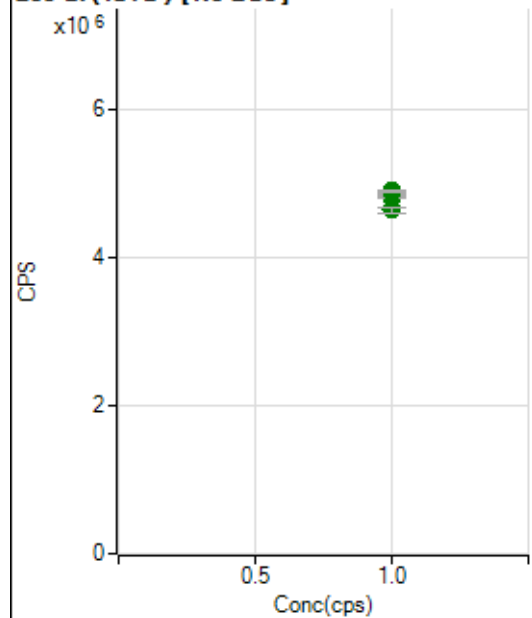
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5989054.78		A	0.7
2	☐	1.000		5996266.61		A	0.9
3	☐	1.000		5974607.71		A	0.6
4	☐	1.000		5930417.41		A	0.5
5	☐	1.000		5883977.96		A	1.2
6	☐	1.000		5987161.48		A	0.6
7	☐	1.000		5980320.22		A	1.2
8	☐	1.000		5936531.56		A	0.6

159 Tb (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7563849.75		A	0.5
2	☐	1.000		7573532.39		A	0.7
3	☐	1.000		7676265.02		A	0.7
4	☐	1.000		7640471.41		A	0.6
5	☐	1.000		7611610.58		A	0.6
6	☐	1.000		7795546.48		A	1.2
7	☐	1.000		7924528.63		A	1.2
8	☐	1.000		7895033.22		A	0.9

165 Ho (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7226394.35		A	1.0
2	☐	1.000		7282744.00		A	0.8
3	☐	1.000		7339244.17		A	1.3
4	☐	1.000		7336754.07		A	0.7
5	☐	1.000		7315922.91		A	1.3
6	☐	1.000		7502462.58		A	0.8
7	☐	1.000		7633985.07		A	1.1
8	☐	1.000		7576333.16		A	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4864809.89		A	1.9
2	☐	1.000		4902530.97		A	0.7
3	☐	1.000		4878165.38		A	0.9
4	☐	1.000		4849962.53		A	0.8
5	☐	1.000		4813765.90		A	0.7
6	☐	1.000		4883429.40		A	1.1
7	☐	1.000		4903345.41		A	0.5
8	☐	1.000		4645415.14		A	1.8

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP8022625MS200.8.b
Acq. Date-Time 2025-02-26 10:46:53
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		14487	144865.81			0.298	5.000
24		133396	1333957.46			0.420	5.000
25		17621	176208.21			0.510	5.000
26		19880	198800.28			0.618	5.000
59		78545	785454.76			1.338	5.000
113		9725	97253.39			0.898	5.000
115		129242	1292417.12			1.635	5.000
206		29599	295985.45			0.447	5.000
207		25805	258048.84			0.668	5.000
208		61479	614787.54			0.517	5.000
220		1	8.40			20.360	

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

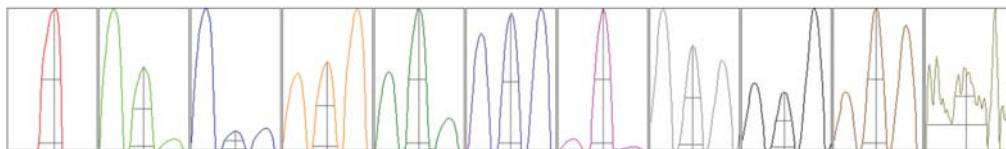
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	14523	14510	14486	14500	14413
24	134078	132546	133530	133573	133251
25	17599	17742	17649	17622	17493
26	19926	20051	19888	19810	19725
59	77120	78784	79039	79852	77932
113	9853	9747	9654	9739	9633
115	132550	129913	128441	128276	127029
206	29492	29486	29680	29790	29545
207	25513	25849	25808	25898	25956
208	61080	61313	61470	61930	61600

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	24459.91	9.10	8.90 - 9.10	
24	228858.55	24.00	23.90 - 24.10	
25	30428.43	25.00	24.90 - 25.10	
26	35000.71	26.00	25.90 - 26.10	
59	143167.79	59.00	58.90 - 59.10	
113	18951.11	113.00	112.90 - 113.10	
115	253077.09	115.05	114.90 - 115.10	
206	57305.09	205.95	205.90 - 206.10	
207	48924.63	206.95	206.90 - 207.10	
208	119472.81	207.95	207.90 - 208.10	
220	1.00	219.90	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.63	0.779	0.900	
24	0.62	0.791	0.900	
25	0.61	0.818	0.900	
26	0.60	0.822	0.900	
59	0.58	0.777	0.900	
113	0.53	0.758	0.900	
115	0.53	0.738	0.900	
206	0.53	0.803	0.900	
207	0.53	0.798	0.900	
208	0.53	0.812	0.900	
220	0.67	2.003		

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	9.7 V	Deflect	15.0 V
Extract 2	-240.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-105 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	200 V		

QP Parameters

Mass Gain	103	Axis Gain	0.9959	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	0.05		

Hardware Settings

Torch

Torch H	-0.2 mm	Torch V	1.4 mm
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EM

Discriminator	4.0 mV	Analog HV	2192 V	Pulse HV	1104 V
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LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 10:49:50	DataFile Name :	001SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1						ppb
Antimony	121-1						ppb
Arsenic	75-1						ppb
Barium	135-1						ppb
Barium	137-1						ppb
Beryllium	9-1						ppb
Bismuth	209-1				100		%
Boron	10-1						ppb
Bromine	81-1						cps
Cadmium	106-1						ppb
Cadmium	108-1						ppb
Cadmium	111-1						ppb
Calcium	43-1						ppb
Calcium	44-1						ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1						ppb
Cobalt	59-1						ppb
Copper	63-1						ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				99		%
Indium	115-1				100		%
Iron	54-1						ppb
Iron	56-1						ppb
Iron	57-1						ppb
Krypton	83-1						cps
Lead	206-1						ppb
Lead	207-1						ppb
Lead	208-1						ppb
Lithium	6-1				100		%
Magnesium	24-1						ppb
Manganese	55-1						ppb
Molybdenum	94-1						ppb
Molybdenum	95-1						ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 10:49:50	DataFile Name :	001SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1						ppb
Molybdenum	97-1						ppb
Molybdenum	98-1						ppb
Neodymium	150-1						cps
Nickel	60-1						ppb
Phosphorus	31-1						ppb
Potassium	39-1						ppb
Rhodium	103-1				100		%
Scandium	45-1				104		%
Selenium	82-1						ppb
Selenium	77-1						ppb
Selenium	78-1						ppb
Silicon	28-1						ppb
Silver	107-1						ppb
Silver	109-1						ppb
Sodium	23-1						ppb
Strontium	86-1						ppb
Strontium	88-1						ppb
Sulfur	34-1						ppb
Terbium	159-1				99		%
Thallium	203-1						ppb
Thallium	205-1						ppb
Tin	118-1						ppb
Titanium	47-1						ppb
Uranium	238-1						ppb
Vanadium	51-1						ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				101		%
Zinc	66-1						ppb
Zirconium	90-1						ppb
Zirconium	91-1						ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 11:21:33	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.07	-0.06	-0.01	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	-0.05	0.03	0.03	0.00	N/A	ppb
Barium	135-1	0.00	-0.03	0.03	0.00	N/A	ppb
Barium	137-1	-0.01	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	-0.01	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Boron	10-1	-0.14	0.10	0.04	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	106-1	0.57	-0.55	-0.02	0.00	N/A	ppb
Cadmium	108-1	0.02	0.06	-0.08	0.00	N/A	ppb
Cadmium	111-1	0.05	-0.05	0.01	0.00	N/A	ppb
Calcium	43-1	1.45	-2.23	0.78	0.00	N/A	ppb
Calcium	44-1	1.45	-1.89	0.44	0.00	N/A	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	0.03	-0.05	0.03	0.00	N/A	ppb
Cobalt	59-1	0.00	0.01	-0.01	0.00	N/A	ppb
Copper	63-1	0.01	0.02	-0.02	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	-0.15	-0.70	0.85	0.00	N/A	ppb
Iron	57-1	5.27	-5.75	0.47	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	-0.02	0.00	N/A	ppb
Lead	207-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-1	0.33	-0.17	-0.15	0.00	N/A	ppb
Manganese	55-1	0.00	0.02	-0.02	0.00	N/A	ppb
Molybdenum	94-1	0.01	0.02	-0.03	0.00	N/A	ppb
Molybdenum	95-1	0.02	-0.01	-0.01	0.00	N/A	ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 11:21:33	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	-0.01	0.03	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.03	0.00	-0.04	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Nickel	60-1	0.15	-0.09	-0.06	0.00	N/A	ppb
Phosphorus	31-1	-16.11	-19.13	-16.18	-17.14		ppb
Potassium	39-1	1.98	-5.69	3.71	0.00	N/A	ppb
Rhodium	103-1				100		%
Scandium	45-1				100		%
Selenium	82-1	0.28	0.06	-0.34	0.00	N/A	ppb
Selenium	77-1	-0.01	0.01	0.00	0.00	N/A	ppb
Selenium	78-1	0.41	-3.01	2.60	0.00	N/A	ppb
Silicon	28-1	0.25	-0.62	0.38	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.01	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-1	3.02	-2.37	-0.65	0.00	N/A	ppb
Strontium	86-1	0.00	-0.02	0.03	0.00	N/A	ppb
Strontium	88-1	0.00	-0.01	0.01	0.00	N/A	ppb
Sulfur	34-1	-223.90	-901.12	-51.65	-392.22		ppb
Terbium	159-1				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	0.00	0.01	-0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-1	-0.01	0.01	0.00	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				100		%
Zinc	66-1	0.01	-0.10	0.10	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.01	0.01	-0.01	0.00	N/A	ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 11:27:38	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	20.64	20.93	21.04	20.87	0.98	ppb
Antimony	121-1	1.99	2.04	2.08	2.04	2.23	ppb
Arsenic	75-1	1.06	1.14	1.06	1.09	4.50	ppb
Barium	135-1	9.83	9.82	9.69	9.78	0.79	ppb
Barium	137-1	9.82	10.08	10.32	10.07	2.49	ppb
Beryllium	9-1	0.99	1.07	1.08	1.05	5.19	ppb
Bismuth	209-1				101		%
Boron	10-1	4.51	4.40	5.00	4.63	6.94	ppb
Bromine	81-1						cps
Cadmium	106-1	0.77	1.65	0.47	0.96	63.50	ppb
Cadmium	108-1	1.01	1.18	0.91	1.03	13.32	ppb
Cadmium	111-1	0.95	1.16	1.02	1.04	10.13	ppb
Calcium	43-1	543.45	538.65	535.27	539.12	0.76	ppb
Calcium	44-1	533.31	535.14	539.59	536.01	0.60	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	2.11	2.10	2.02	2.07	2.40	ppb
Cobalt	59-1	1.10	1.11	1.16	1.12	2.71	ppb
Copper	63-1	2.18	2.12	2.13	2.15	1.50	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				101		%
Indium	115-1				100		%
Iron	54-1						ppb
Iron	56-1	60.15	58.47	59.77	59.46	1.48	ppb
Iron	57-1	57.62	61.98	64.13	61.24	5.42	ppb
Krypton	83-1						cps
Lead	206-1	0.97	1.04	0.94	0.98	5.29	ppb
Lead	207-1	0.94	1.01	0.98	0.98	3.48	ppb
Lead	208-1	0.95	1.00	0.97	0.97	2.51	ppb
Lithium	6-1				100		%
Magnesium	24-1	552.66	550.85	554.23	552.58	0.31	ppb
Manganese	55-1	1.03	0.99	1.09	1.04	5.01	ppb
Molybdenum	94-1	6.12	5.77	6.27	6.05	4.24	ppb
Molybdenum	95-1	5.07	5.33	5.24	5.21	2.52	ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 11:27:38	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	4.93	5.26	5.25	5.15	3.59	ppb
Molybdenum	97-1	5.29	5.24	5.31	5.28	0.74	ppb
Molybdenum	98-1	5.11	5.18	5.13	5.14	0.69	ppb
Neodymium	150-1						cps
Nickel	60-1	1.03	0.91	1.00	0.98	6.49	ppb
Phosphorus	31-1	17.28	15.45	18.69	17.14	9.46	ppb
Potassium	39-1	541.72	546.93	558.50	549.05	1.56	ppb
Rhodium	103-1				100		%
Scandium	45-1				100		%
Selenium	82-1	5.30	5.84	6.02	5.72	6.52	ppb
Selenium	77-1	5.64	5.28	5.51	5.48	3.32	ppb
Selenium	78-1	-0.21	4.04	7.78	3.87	103.25	ppb
Silicon	28-1	1.50	1.86	2.95	2.10	36.04	ppb
Silver	107-1	1.03	0.99	0.95	0.99	3.97	ppb
Silver	109-1	1.01	0.99	0.91	0.97	5.60	ppb
Sodium	23-1	552.90	566.05	561.14	560.03	1.19	ppb
Strontium	86-1	1.15	1.29	1.08	1.17	9.22	ppb
Strontium	88-1	1.04	1.03	1.08	1.05	2.60	ppb
Sulfur	34-1	321.46	296.74	558.47	392.22	36.84	ppb
Terbium	159-1				100		%
Thallium	203-1	0.97	1.00	1.00	0.99	1.90	ppb
Thallium	205-1	1.01	1.00	1.03	1.01	1.31	ppb
Tin	118-1	5.06	5.07	5.17	5.10	1.22	ppb
Titanium	47-1	5.24	5.12	5.01	5.12	2.21	ppb
Uranium	238-1	0.95	0.96	0.98	0.96	1.36	ppb
Vanadium	51-1	5.15	5.10	5.27	5.17	1.70	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				100		%
Zinc	66-1	5.64	5.94	5.43	5.67	4.60	ppb
Zirconium	90-1	1.05	1.07	1.07	1.06	1.06	ppb
Zirconium	91-1	1.06	1.04	1.12	1.07	3.87	ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 11:30:39	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	1032.72	1053.38	1039.52	1041.88	1.01	ppb
Antimony	121-1	48.75	49.62	49.61	49.33	1.01	ppb
Arsenic	75-1	51.23	52.06	51.42	51.57	0.84	ppb
Barium	135-1	245.22	249.22	246.85	247.09	0.81	ppb
Barium	137-1	247.54	251.02	250.00	249.52	0.72	ppb
Beryllium	9-1	51.56	51.44	52.25	51.75	0.85	ppb
Bismuth	209-1				100		%
Boron	10-1	47.37	49.47	53.17	50.00	5.87	ppb
Bromine	81-1						cps
Cadmium	106-1	52.05	56.36	53.17	53.86	4.15	ppb
Cadmium	108-1	52.20	51.00	54.98	52.73	3.87	ppb
Cadmium	111-1	51.35	51.51	51.91	51.59	0.56	ppb
Calcium	43-1	5119.93	5262.08	5189.31	5190.44	1.37	ppb
Calcium	44-1	5324.27	5446.36	5314.29	5361.64	1.37	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	50.91	52.47	51.74	51.71	1.51	ppb
Cobalt	59-1	50.95	52.38	52.08	51.80	1.45	ppb
Copper	63-1	519.93	531.10	533.55	528.19	1.38	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				102		%
Indium	115-1				100		%
Iron	54-1						ppb
Iron	56-1	2664.09	2738.43	2692.86	2698.46	1.39	ppb
Iron	57-1	2686.78	2772.14	2732.78	2730.57	1.56	ppb
Krypton	83-1						cps
Lead	206-1	243.88	243.30	246.43	244.53	0.68	ppb
Lead	207-1	246.94	246.90	248.47	247.44	0.36	ppb
Lead	208-1	253.38	252.35	255.50	253.74	0.63	ppb
Lithium	6-1				100		%
Magnesium	24-1	5270.38	5370.52	5326.32	5322.41	0.94	ppb
Manganese	55-1	517.35	528.66	524.05	523.35	1.09	ppb
Molybdenum	94-1	510.87	525.46	517.92	518.08	1.41	ppb
Molybdenum	95-1	517.17	534.27	520.84	524.09	1.72	ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 11:30:39	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	520.63	531.83	523.16	525.20	1.12	ppb
Molybdenum	97-1	511.05	521.16	515.74	515.98	0.98	ppb
Molybdenum	98-1	523.72	533.74	533.04	530.17	1.05	ppb
Neodymium	150-1						cps
Nickel	60-1	51.68	52.12	51.96	51.92	0.43	ppb
Phosphorus	31-1	1031.52	1060.05	1045.42	1045.66	1.36	ppb
Potassium	39-1	2600.69	2694.45	2625.49	2640.21	1.84	ppb
Rhodium	103-1				100		%
Scandium	45-1				101		%
Selenium	82-1	53.94	54.77	55.02	54.58	1.03	ppb
Selenium	77-1	54.57	55.47	55.71	55.25	1.09	ppb
Selenium	78-1	51.31	58.36	55.51	55.06	6.44	ppb
Silicon	28-1	53.14	56.03	55.60	54.92	2.84	ppb
Silver	107-1	50.50	50.90	51.05	50.82	0.56	ppb
Silver	109-1	49.84	50.57	51.14	50.52	1.29	ppb
Sodium	23-1	5401.08	5448.54	5420.83	5423.48	0.44	ppb
Strontium	86-1	50.78	52.14	51.80	51.57	1.37	ppb
Strontium	88-1	50.96	51.96	51.89	51.60	1.08	ppb
Sulfur	34-1	1039.73	1545.68	1380.59	1322.00	19.52	ppb
Terbium	159-1				101		%
Thallium	203-1	49.88	49.14	49.82	49.61	0.82	ppb
Thallium	205-1	50.14	49.88	50.99	50.34	1.15	ppb
Tin	118-1	49.71	50.02	50.76	50.16	1.07	ppb
Titanium	47-1	502.19	520.95	511.65	511.59	1.83	ppb
Uranium	238-1	49.14	48.97	50.52	49.54	1.72	ppb
Vanadium	51-1	50.33	51.74	50.52	50.87	1.51	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				100		%
Zinc	66-1	514.76	525.96	516.00	518.91	1.18	ppb
Zirconium	90-1	50.14	51.43	51.00	50.86	1.29	ppb
Zirconium	91-1	50.18	52.39	50.68	51.08	2.27	ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 11:33:42	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	2601.10	2618.91	2599.66	2606.56	0.41	ppb
Antimony	121-1	121.71	122.77	121.56	122.01	0.54	ppb
Arsenic	75-1	126.62	128.44	125.98	127.02	1.01	ppb
Barium	135-1	606.95	615.78	613.12	611.95	0.74	ppb
Barium	137-1	626.32	636.19	644.62	635.71	1.44	ppb
Beryllium	9-1	128.15	128.13	128.10	128.12	0.02	ppb
Bismuth	209-1				100		%
Boron	10-1	122.09	128.52	132.77	127.79	4.21	ppb
Bromine	81-1						cps
Cadmium	106-1	134.05	132.58	126.40	131.01	3.10	ppb
Cadmium	108-1	130.09	134.75	132.34	132.39	1.76	ppb
Cadmium	111-1	126.87	126.19	126.98	126.68	0.34	ppb
Calcium	43-1	12779.27	12974.67	12911.20	12888.38	0.77	ppb
Calcium	44-1	13324.06	13310.10	13504.17	13379.45	0.81	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	128.64	132.65	129.80	130.36	1.58	ppb
Cobalt	59-1	132.15	134.44	133.51	133.37	0.86	ppb
Copper	63-1	1287.14	1312.62	1280.35	1293.37	1.32	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				102		%
Indium	115-1				99		%
Iron	54-1						ppb
Iron	56-1	6567.64	6675.18	6666.24	6636.36	0.90	ppb
Iron	57-1	6805.75	6963.99	6803.15	6857.63	1.34	ppb
Krypton	83-1						cps
Lead	206-1	647.30	664.73	644.34	652.12	1.69	ppb
Lead	207-1	655.31	658.08	645.74	653.04	0.99	ppb
Lead	208-1	649.47	656.20	646.10	650.59	0.79	ppb
Lithium	6-1				99		%
Magnesium	24-1	13237.81	13360.37	13202.93	13267.04	0.62	ppb
Manganese	55-1	1274.18	1304.46	1309.21	1295.95	1.47	ppb
Molybdenum	94-1	1296.32	1303.36	1323.22	1307.63	1.07	ppb
Molybdenum	95-1	1300.77	1314.26	1315.55	1310.19	0.62	ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 11:33:42	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	1278.16	1306.38	1307.55	1297.36	1.28	ppb
Molybdenum	97-1	1284.49	1329.58	1329.89	1314.65	1.99	ppb
Molybdenum	98-1	1279.71	1315.91	1315.02	1303.54	1.58	ppb
Neodymium	150-1						cps
Nickel	60-1	126.26	127.82	127.37	127.15	0.63	ppb
Phosphorus	31-1	2600.86	2615.19	2652.78	2622.94	1.02	ppb
Potassium	39-1	6567.76	6602.78	6575.86	6582.13	0.28	ppb
Rhodium	103-1				99		%
Scandium	45-1				101		%
Selenium	82-1	133.92	136.15	134.89	134.99	0.83	ppb
Selenium	77-1	135.04	137.22	136.22	136.16	0.80	ppb
Selenium	78-1	133.38	138.51	138.26	136.72	2.12	ppb
Silicon	28-1	134.97	137.68	139.89	137.52	1.79	ppb
Silver	107-1	125.95	126.85	126.25	126.35	0.36	ppb
Silver	109-1	125.27	126.10	126.46	125.94	0.49	ppb
Sodium	23-1	13380.74	13740.07	13663.34	13594.71	1.39	ppb
Strontium	86-1	127.76	127.63	127.25	127.55	0.21	ppb
Strontium	88-1	130.15	134.52	132.55	132.40	1.65	ppb
Sulfur	34-1	2798.64	2938.56	2651.24	2796.14	5.14	ppb
Terbium	159-1				101		%
Thallium	203-1	123.63	126.10	123.85	124.53	1.10	ppb
Thallium	205-1	131.68	131.89	129.02	130.86	1.22	ppb
Tin	118-1	122.87	124.85	124.40	124.04	0.84	ppb
Titanium	47-1	1259.75	1275.56	1273.03	1269.45	0.67	ppb
Uranium	238-1	128.35	131.87	129.18	129.80	1.42	ppb
Vanadium	51-1	130.20	129.99	130.68	130.29	0.27	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				100		%
Zinc	66-1	1333.69	1340.35	1338.49	1337.51	0.26	ppb
Zirconium	90-1	130.31	132.10	129.78	130.73	0.93	ppb
Zirconium	91-1	124.69	127.87	125.79	126.12	1.28	ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 11:36:44	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	5233.21	5275.44	5330.17	5279.61	0.92	ppb
Antimony	121-1	253.38	249.71	253.59	252.23	0.87	ppb
Arsenic	75-1	249.95	251.46	258.91	253.44	1.89	ppb
Barium	135-1	1257.59	1263.32	1271.69	1264.20	0.56	ppb
Barium	137-1	1260.42	1271.15	1279.12	1270.23	0.74	ppb
Beryllium	9-1	248.71	253.10	254.59	252.13	1.21	ppb
Bismuth	209-1				99		%
Boron	10-1	247.35	264.77	268.58	260.23	4.35	ppb
Bromine	81-1						cps
Cadmium	106-1	258.17	257.83	257.63	257.88	0.11	ppb
Cadmium	108-1	257.34	259.39	260.58	259.10	0.63	ppb
Cadmium	111-1	249.74	249.07	251.74	250.19	0.55	ppb
Calcium	43-1	25752.61	26036.93	25955.38	25914.97	0.56	ppb
Calcium	44-1	26032.37	26619.28	26834.66	26495.44	1.57	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	260.37	263.13	265.92	263.14	1.05	ppb
Cobalt	59-1	265.82	263.20	269.33	266.11	1.16	ppb
Copper	63-1	2561.41	2583.79	2594.02	2579.74	0.65	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	13310.45	13542.91	13500.50	13451.29	0.92	ppb
Iron	57-1	13501.55	13549.73	13558.15	13536.48	0.23	ppb
Krypton	83-1						cps
Lead	206-1	1292.18	1287.69	1327.32	1302.40	1.67	ppb
Lead	207-1	1301.29	1299.88	1335.50	1312.22	1.54	ppb
Lead	208-1	1286.45	1283.50	1326.01	1298.65	1.83	ppb
Lithium	6-1				98		%
Magnesium	24-1	26442.95	26501.67	26593.64	26512.75	0.29	ppb
Manganese	55-1	2593.47	2637.82	2644.19	2625.16	1.05	ppb
Molybdenum	94-1	2587.09	2551.94	2675.53	2604.86	2.44	ppb
Molybdenum	95-1	2595.49	2594.30	2659.91	2616.57	1.43	ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 11:36:44	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	2577.14	2569.73	2645.33	2597.40	1.60	ppb
Molybdenum	97-1	2590.09	2557.07	2677.77	2608.31	2.39	ppb
Molybdenum	98-1	2602.13	2598.37	2670.94	2623.81	1.56	ppb
Neodymium	150-1						cps
Nickel	60-1	252.69	254.68	258.47	255.28	1.15	ppb
Phosphorus	31-1	5184.80	5224.67	5292.82	5234.10	1.04	ppb
Potassium	39-1	13220.55	13261.78	13306.42	13262.92	0.32	ppb
Rhodium	103-1				97		%
Scandium	45-1				100		%
Selenium	82-1	264.92	265.08	273.48	267.83	1.83	ppb
Selenium	77-1	266.44	265.11	275.34	268.96	2.07	ppb
Selenium	78-1	265.42	264.63	283.84	271.30	4.01	ppb
Silicon	28-1	270.03	269.98	280.70	273.57	2.26	ppb
Silver	107-1	259.60	263.21	266.36	263.06	1.29	ppb
Silver	109-1	259.80	262.41	256.40	259.53	1.16	ppb
Sodium	23-1	27264.83	27296.31	27392.48	27317.87	0.24	ppb
Strontium	86-1	253.82	252.47	257.87	254.72	1.10	ppb
Strontium	88-1	261.37	256.84	265.17	261.13	1.60	ppb
Sulfur	34-1	5621.52	5771.03	5413.67	5602.08	3.20	ppb
Terbium	159-1				101		%
Thallium	203-1	249.19	248.80	253.67	250.55	1.08	ppb
Thallium	205-1	255.24	256.69	260.92	257.62	1.15	ppb
Tin	118-1	245.71	248.98	250.79	248.49	1.04	ppb
Titanium	47-1	2575.60	2610.23	2658.47	2614.77	1.59	ppb
Uranium	238-1	260.03	255.40	261.31	258.91	1.20	ppb
Vanadium	51-1	255.85	262.18	264.04	260.69	1.65	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				100		%
Zinc	66-1	2688.30	2668.59	2672.17	2676.35	0.39	ppb
Zirconium	90-1	259.19	252.62	267.57	259.79	2.88	ppb
Zirconium	91-1	251.73	248.17	255.36	251.75	1.43	ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 11:39:48	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	10207.16	10295.55	10298.19	10266.96	0.50	ppb
Antimony	121-1	500.59	495.75	498.87	498.40	0.49	ppb
Arsenic	75-1	489.66	496.71	481.71	489.36	1.53	ppb
Barium	135-1	2526.73	2513.41	2478.86	2506.33	0.99	ppb
Barium	137-1	2470.59	2509.27	2441.54	2473.80	1.37	ppb
Beryllium	9-1	505.11	525.03	498.35	509.49	2.72	ppb
Bismuth	209-1				100		%
Boron	10-1	495.41	523.39	509.65	509.48	2.75	ppb
Bromine	81-1						cps
Cadmium	106-1	510.18	501.96	501.31	504.49	0.98	ppb
Cadmium	108-1	509.68	503.63	509.71	507.67	0.69	ppb
Cadmium	111-1	486.96	496.61	492.29	491.95	0.98	ppb
Calcium	43-1	50293.72	49558.87	50207.32	50019.97	0.80	ppb
Calcium	44-1	51337.76	51649.94	52793.74	51927.14	1.48	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	504.41	511.11	508.10	507.87	0.66	ppb
Cobalt	59-1	510.63	505.97	521.34	512.65	1.54	ppb
Copper	63-1	4978.52	5105.23	4956.75	5013.50	1.60	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				104		%
Indium	115-1				100		%
Iron	54-1						ppb
Iron	56-1	26267.42	26022.02	26231.08	26173.51	0.51	ppb
Iron	57-1	26055.62	25777.74	26389.90	26074.42	1.18	ppb
Krypton	83-1						cps
Lead	206-1	2519.49	2477.94	2522.07	2506.50	0.99	ppb
Lead	207-1	2509.04	2470.98	2541.23	2507.09	1.40	ppb
Lead	208-1	2498.86	2484.70	2545.99	2509.85	1.28	ppb
Lithium	6-1				100		%
Magnesium	24-1	51274.63	51611.15	52390.21	51758.66	1.11	ppb
Manganese	55-1	5134.08	5082.70	5099.31	5105.36	0.51	ppb
Molybdenum	94-1	4955.91	5160.18	5020.82	5045.63	2.07	ppb
Molybdenum	95-1	5034.18	5201.15	5059.38	5098.24	1.77	ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 11:39:48	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	4977.93	5175.40	5020.05	5057.79	2.06	ppb
Molybdenum	97-1	4989.95	5167.19	4976.53	5044.56	2.11	ppb
Molybdenum	98-1	4998.33	5257.42	5024.53	5093.43	2.80	ppb
Neodymium	150-1						cps
Nickel	60-1	491.31	493.44	490.93	491.89	0.27	ppb
Phosphorus	31-1	10131.72	10171.28	10232.89	10178.63	0.50	ppb
Potassium	39-1	25627.94	25517.91	26092.70	25746.18	1.19	ppb
Rhodium	103-1				99		%
Scandium	45-1				101		%
Selenium	82-1	514.14	524.84	511.11	516.70	1.40	ppb
Selenium	77-1	513.51	524.30	509.21	515.68	1.51	ppb
Selenium	78-1	511.46	529.84	508.66	516.65	2.23	ppb
Silicon	28-1	521.23	521.96	534.44	525.88	1.41	ppb
Silver	107-1	510.57	505.94	497.76	504.76	1.28	ppb
Silver	109-1	498.61	498.73	505.41	500.92	0.78	ppb
Sodium	23-1	53029.65	53183.46	52748.82	52987.31	0.42	ppb
Strontium	86-1	486.97	493.80	485.47	488.74	0.91	ppb
Strontium	88-1	500.71	511.26	502.97	504.98	1.10	ppb
Sulfur	34-1	11657.41	10832.12	11089.88	11193.14	3.77	ppb
Terbium	159-1				103		%
Thallium	203-1	503.43	501.39	514.92	506.58	1.44	ppb
Thallium	205-1	501.68	500.67	511.79	504.72	1.22	ppb
Tin	118-1	508.25	496.03	505.58	503.29	1.28	ppb
Titanium	47-1	5058.81	5053.53	5079.49	5063.94	0.27	ppb
Uranium	238-1	499.13	494.64	497.56	497.11	0.46	ppb
Vanadium	51-1	510.61	506.87	507.44	508.31	0.40	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				102		%
Zinc	66-1	5134.50	5059.51	5110.85	5101.62	0.75	ppb
Zirconium	90-1	501.11	505.08	502.12	502.77	0.41	ppb
Zirconium	91-1	481.12	493.75	486.68	487.19	1.30	ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 11:42:50	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	20038.35	19926.85	20348.88	20104.69	1.09	ppb
Antimony	121-1	984.69	1004.26	1012.99	1000.65	1.45	ppb
Arsenic	75-1	1008.75	999.32	1004.32	1004.13	0.47	ppb
Barium	135-1	4934.75	5014.93	5035.50	4995.06	1.07	ppb
Barium	137-1	4955.12	5027.00	5038.07	5006.73	0.90	ppb
Beryllium	9-1	1000.54	989.54	992.64	994.24	0.57	ppb
Bismuth	209-1				101		%
Boron	10-1	980.78	997.26	1000.55	992.86	1.07	ppb
Bromine	81-1						cps
Cadmium	106-1	991.80	1001.13	991.60	994.84	0.55	ppb
Cadmium	108-1	982.79	996.65	999.05	992.83	0.88	ppb
Cadmium	111-1	1001.95	1016.71	992.40	1003.69	1.22	ppb
Calcium	43-1	102317.98	100816.03	101680.57	101604.86	0.74	ppb
Calcium	44-1	100482.19	100608.37	101711.12	100933.89	0.67	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	987.08	982.90	1006.09	992.02	1.25	ppb
Cobalt	59-1	993.23	975.16	997.15	988.51	1.19	ppb
Copper	63-1	9792.51	10007.58	10099.37	9966.49	1.58	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				106		%
Indium	115-1				100		%
Iron	54-1						ppb
Iron	56-1	51464.63	50396.76	51430.17	51097.19	1.19	ppb
Iron	57-1	51195.05	50473.97	51728.65	51132.56	1.23	ppb
Krypton	83-1						cps
Lead	206-1	4904.25	4983.61	5053.73	4980.53	1.50	ppb
Lead	207-1	4936.12	4996.03	5000.43	4977.52	0.72	ppb
Lead	208-1	4924.41	5001.86	5012.31	4979.53	0.96	ppb
Lithium	6-1				100		%
Magnesium	24-1	99978.45	100311.31	101965.13	100751.63	1.06	ppb
Manganese	55-1	9934.86	9760.80	10031.68	9909.12	1.39	ppb
Molybdenum	94-1	10016.76	9827.87	9983.95	9942.86	1.02	ppb
Molybdenum	95-1	10021.32	9723.31	9994.40	9913.01	1.66	ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 11:42:50	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	10025.45	9774.65	10018.62	9939.57	1.44	ppb
Molybdenum	97-1	10000.97	9837.61	9986.71	9941.76	0.91	ppb
Molybdenum	98-1	10036.19	9781.94	9924.27	9914.13	1.29	ppb
Neodymium	150-1						cps
Nickel	60-1	1001.12	995.80	1010.18	1002.37	0.73	ppb
Phosphorus	31-1	19729.66	19813.63	19960.24	19834.51	0.59	ppb
Potassium	39-1	50642.91	50437.86	51007.22	50695.99	0.57	ppb
Rhodium	103-1				100		%
Scandium	45-1				105		%
Selenium	82-1	1004.93	968.48	983.73	985.71	1.86	ppb
Selenium	77-1	1005.99	968.89	982.41	985.76	1.90	ppb
Selenium	78-1	1006.83	961.40	985.69	984.64	2.31	ppb
Silicon	28-1	982.33	970.74	985.25	979.44	0.78	ppb
Silver	107-1	988.44	987.47	1006.53	994.15	1.08	ppb
Silver	109-1	987.62	999.96	1003.47	997.02	0.84	ppb
Sodium	23-1	102462.01	102474.88	104670.33	103202.41	1.23	ppb
Strontium	86-1	1004.69	995.26	1012.20	1004.05	0.85	ppb
Strontium	88-1	998.36	978.21	1004.60	993.72	1.39	ppb
Sulfur	34-1	18946.08	18612.71	20040.59	19199.79	3.89	ppb
Terbium	159-1				105		%
Thallium	203-1	986.80	996.00	1007.15	996.65	1.02	ppb
Thallium	205-1	996.69	988.55	999.72	994.99	0.58	ppb
Tin	118-1	989.57	992.90	1014.06	998.84	1.33	ppb
Titanium	47-1	9873.56	9910.72	10024.70	9936.33	0.79	ppb
Uranium	238-1	989.08	1000.76	1006.09	998.64	0.87	ppb
Vanadium	51-1	994.92	982.56	999.92	992.47	0.90	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				105		%
Zinc	66-1	9884.85	9802.67	9992.12	9893.22	0.96	ppb
Zirconium	90-1	999.38	993.43	993.41	995.41	0.35	ppb
Zirconium	91-1	1019.73	991.61	1005.98	1005.77	1.40	ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 11:45:54	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	100566.90	99775.90	99463.11	99935.30	0.57	ppb
Antimony	121-1	0.52	0.60	0.55	0.56	6.86	ppb
Arsenic	75-1	0.55	0.44	0.48	0.49	11.95	ppb
Barium	135-1	3.21	3.20	3.21	3.21	0.16	ppb
Barium	137-1	3.22	3.10	3.14	3.15	1.98	ppb
Beryllium	9-1	0.50	0.41	0.39	0.43	13.37	ppb
Bismuth	209-1				95		%
Boron	10-1	37.01	30.64	28.15	31.93	14.31	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.09	-1.34	-1.29	-1.24		ppb
Cadmium	108-1	1.52	1.08	1.72	1.44	22.94	ppb
Cadmium	111-1	0.26	0.25	0.27	0.26	3.54	ppb
Calcium	43-1	503481.94	498171.08	497205.87	499619.63	0.68	ppb
Calcium	44-1	502695.79	498284.41	497580.09	499520.10	0.56	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	2.94	2.85	2.90	2.90	1.59	ppb
Cobalt	59-1	2.37	2.27	2.24	2.29	3.01	ppb
Copper	63-1	4.86	4.60	4.60	4.69	3.23	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				105		%
Indium	115-1				99		%
Iron	54-1						ppb
Iron	56-1	250141.92	247573.74	251096.34	249604.00	0.73	ppb
Iron	57-1	249744.99	249985.27	249059.92	249596.72	0.19	ppb
Krypton	83-1						cps
Lead	206-1	1.11	1.13	1.12	1.12	1.21	ppb
Lead	207-1	1.21	1.12	1.09	1.14	5.27	ppb
Lead	208-1	1.13	1.14	1.07	1.11	3.20	ppb
Lithium	6-1				98		%
Magnesium	24-1	502153.73	497230.64	499342.78	499575.72	0.49	ppb
Manganese	55-1	6.42	5.84	5.77	6.01	5.99	ppb
Molybdenum	94-1	7.26	7.23	6.94	7.14	2.47	ppb
Molybdenum	95-1	5.43	5.25	5.09	5.26	3.15	ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 11:45:54	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	5.55	5.40	5.34	5.43	2.05	ppb
Molybdenum	97-1	5.06	5.29	5.17	5.17	2.22	ppb
Molybdenum	98-1	5.09	4.97	5.01	5.02	1.14	ppb
Neodymium	150-1						cps
Nickel	60-1	4.13	3.84	3.62	3.86	6.55	ppb
Phosphorus	31-1	-19.72	-20.91	-22.19	-20.94		ppb
Potassium	39-1	249611.15	248318.27	251285.28	249738.23	0.60	ppb
Rhodium	103-1				96		%
Scandium	45-1				104		%
Selenium	82-1	0.52	0.55	0.43	0.50	12.50	ppb
Selenium	77-1	0.51	0.49	0.52	0.51	2.47	ppb
Selenium	78-1	-14.84	-14.87	-13.38	-14.36		ppb
Silicon	28-1	7.00	4.08	2.89	4.66	45.39	ppb
Silver	107-1	0.21	0.16	0.15	0.17	18.11	ppb
Silver	109-1	0.19	0.19	0.18	0.19	1.48	ppb
Sodium	23-1	499118.04	495624.87	501996.78	498913.23	0.64	ppb
Strontium	86-1	2.80	2.71	2.81	2.77	2.01	ppb
Strontium	88-1	2.75	2.80	2.81	2.79	1.25	ppb
Sulfur	34-1	-1986.88	-2384.58	-2319.77	-2230.41		ppb
Terbium	159-1				104		%
Thallium	203-1	0.11	0.10	0.09	0.10	8.99	ppb
Thallium	205-1	0.11	0.10	0.09	0.10	13.11	ppb
Tin	118-1	0.36	0.41	0.36	0.37	7.38	ppb
Titanium	47-1	1.32	0.95	1.18	1.15	16.55	ppb
Uranium	238-1	0.06	0.03	0.05	0.05	25.03	ppb
Vanadium	51-1	0.27	0.26	0.25	0.26	4.07	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				104		%
Zinc	66-1	6.49	6.70	6.50	6.56	1.82	ppb
Zirconium	90-1	1.52	1.52	1.62	1.55	3.80	ppb
Zirconium	91-1	1.49	1.51	1.63	1.54	4.98	ppb

LB Number : LB134818 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired : 2025-02-26 12:01:25 DataFile Name : 013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	515.35	514.36	505.65	511.78	1.04	ppb
Antimony	121-1	199.05	191.33	201.48	197.29	2.69	ppb
Arsenic	75-1	196.33	196.53	200.57	197.81	1.21	ppb
Barium	135-1	98.84	98.55	98.06	98.48	0.40	ppb
Barium	137-1	100.35	100.88	100.21	100.48	0.36	ppb
Beryllium	9-1	99.39	99.86	100.02	99.75	0.33	ppb
Bismuth	209-1				99		%
Boron	10-1	2.91	2.45	2.47	2.61	9.80	ppb
Bromine	81-1						cps
Cadmium	106-1	81.99	92.28	88.31	87.53	5.93	ppb
Cadmium	108-1	116.27	115.01	110.72	114.00	2.55	ppb
Cadmium	111-1	97.79	101.10	99.99	99.63	1.69	ppb
Calcium	43-1	2007.57	2019.33	1990.66	2005.85	0.72	ppb
Calcium	44-1	2011.34	1993.21	2001.30	2001.95	0.45	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	101.40	99.59	100.56	100.52	0.90	ppb
Cobalt	59-1	101.52	100.46	102.00	101.32	0.78	ppb
Copper	63-1	98.18	98.68	99.49	98.78	0.67	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	2138.99	2137.39	2102.82	2126.40	0.96	ppb
Iron	57-1	2120.80	2134.56	2127.75	2127.70	0.32	ppb
Krypton	83-1						cps
Lead	206-1	195.17	198.33	195.40	196.30	0.90	ppb
Lead	207-1	191.62	192.32	191.20	191.71	0.29	ppb
Lead	208-1	202.31	204.73	201.95	203.00	0.75	ppb
Lithium	6-1				95		%
Magnesium	24-1	1196.09	1187.43	1169.91	1184.48	1.13	ppb
Manganese	55-1	106.71	106.86	106.79	106.79	0.07	ppb
Molybdenum	94-1	3911.85	3885.52	3936.57	3911.31	0.65	ppb
Molybdenum	95-1	4778.83	4790.94	4842.27	4804.01	0.70	ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 12:01:25	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	4699.22	4699.25	4708.22	4702.23	0.11	ppb
Molybdenum	97-1	4737.12	4788.81	4787.81	4771.25	0.62	ppb
Molybdenum	98-1	4782.30	4822.56	4818.83	4807.89	0.46	ppb
Neodymium	150-1						cps
Nickel	60-1	101.38	101.64	102.56	101.86	0.61	ppb
Phosphorus	31-1	-22.82	-24.68	-23.99	-23.83		ppb
Potassium	39-1	2092.27	2055.09	2064.40	2070.59	0.93	ppb
Rhodium	103-1				99		%
Scandium	45-1				99		%
Selenium	82-1	208.53	212.43	211.06	210.67	0.94	ppb
Selenium	77-1	207.89	211.76	212.26	210.64	1.13	ppb
Selenium	78-1	209.01	207.81	211.95	209.59	1.01	ppb
Silicon	28-1	-2.63	-2.93	-2.99	-2.85		ppb
Silver	107-1	44.66	46.38	46.46	45.83	2.22	ppb
Silver	109-1	45.34	46.01	46.09	45.82	0.90	ppb
Sodium	23-1	2125.18	2083.14	2092.32	2100.21	1.05	ppb
Strontium	86-1	0.31	0.37	0.37	0.35	8.91	ppb
Strontium	88-1	0.32	0.34	0.34	0.33	2.75	ppb
Sulfur	34-1	-2163.81	-2140.70	-2427.66	-2244.06		ppb
Terbium	159-1				100		%
Thallium	203-1	194.71	198.13	197.24	196.69	0.90	ppb
Thallium	205-1	204.18	208.48	200.96	204.54	1.84	ppb
Tin	118-1	0.07	0.10	0.05	0.07	33.53	ppb
Titanium	47-1	0.48	0.42	0.47	0.45	7.19	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	16.30	ppb
Vanadium	51-1	100.13	100.73	100.89	100.58	0.40	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				99		%
Zinc	66-1	202.45	201.22	202.76	202.15	0.40	ppb
Zirconium	90-1	0.01	0.00	0.02	0.01	92.74	ppb
Zirconium	91-1	0.16	0.18	0.15	0.16	6.98	ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 12:05:19	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.06	0.06	0.06	0.06	3.37	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	6.69	ppb
Arsenic	75-1	0.09	0.05	0.02	0.05	66.44	ppb
Barium	135-1	0.15	0.09	0.08	0.10	39.41	ppb
Barium	137-1	0.14	0.14	0.18	0.15	17.02	ppb
Beryllium	9-1	0.09	0.07	0.07	0.07	18.79	ppb
Bismuth	209-1				99		%
Boron	10-1	2.77	2.57	2.70	2.68	3.82	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.49	-1.97	-2.17	-1.88		ppb
Cadmium	108-1	0.12	0.16	0.23	0.17	30.55	ppb
Cadmium	111-1	-0.07	-0.13	-0.15	-0.11		ppb
Calcium	43-1	-3.15	-2.61	-2.33	-2.70		ppb
Calcium	44-1	-12.49	-13.29	-13.53	-13.10		ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	0.01	-0.02	-0.07	-0.03		ppb
Cobalt	59-1	0.07	0.04	0.00	0.04	94.28	ppb
Copper	63-1	-0.39	-0.46	-0.48	-0.45		ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				99		%
Indium	115-1				98		%
Iron	54-1						ppb
Iron	56-1	0.78	0.28	-1.16	-0.03		ppb
Iron	57-1	-5.10	-5.24	-3.04	-4.46		ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.15	0.13	0.15	10.53	ppb
Lead	207-1	0.13	0.16	0.11	0.13	21.68	ppb
Lead	208-1	0.13	0.15	0.11	0.13	13.58	ppb
Lithium	6-1				94		%
Magnesium	24-1	-5.03	-5.26	-5.21	-5.17		ppb
Manganese	55-1	0.26	0.26	0.25	0.26	2.47	ppb
Molybdenum	94-1	0.13	0.08	0.13	0.11	23.29	ppb
Molybdenum	95-1	0.10	0.06	0.04	0.07	46.51	ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 12:05:19	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	0.13	0.09	0.04	0.08	50.64	ppb
Molybdenum	97-1	0.12	0.12	0.16	0.14	17.85	ppb
Molybdenum	98-1	0.12	0.12	0.08	0.11	21.40	ppb
Neodymium	150-1						cps
Nickel	60-1	0.03	0.02	-0.04	0.00	794.34	ppb
Phosphorus	31-1	-20.87	-20.36	-20.64	-20.63		ppb
Potassium	39-1	-5.00	2.02	-0.61	-1.20		ppb
Rhodium	103-1				98		%
Scandium	45-1				98		%
Selenium	82-1	-0.21	-0.15	-0.32	-0.23		ppb
Selenium	77-1	-0.04	-0.09	-0.05	-0.06		ppb
Selenium	78-1	-0.52	-3.65	-2.06	-2.08		ppb
Silicon	28-1	-4.76	-4.71	-4.44	-4.64		ppb
Silver	107-1	0.01	0.01	0.02	0.01	44.12	ppb
Silver	109-1	0.02	0.02	0.02	0.02	21.65	ppb
Sodium	23-1	-19.43	-15.40	-17.66	-17.50		ppb
Strontium	86-1	-0.06	0.04	0.06	0.01	555.09	ppb
Strontium	88-1	0.01	-0.03	-0.02	-0.01		ppb
Sulfur	34-1	-1615.78	-1418.45	-1419.44	-1484.56		ppb
Terbium	159-1				98		%
Thallium	203-1	0.02	0.02	0.02	0.02	3.56	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	14.70	ppb
Tin	118-1	0.01	0.03	0.00	0.01	121.50	ppb
Titanium	47-1	0.06	0.11	0.02	0.06	73.55	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-1	0.00	0.00	0.00	0.00	204.47	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				98		%
Zinc	66-1	0.13	0.05	0.07	0.08	53.70	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	271.86	ppb
Zirconium	91-1	0.00	0.00	0.02	0.01	114.51	ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 12:08:38	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	97220.26	97968.72	99267.53	98152.17	1.06	ppb
Antimony	121-1	1.07	1.12	1.09	1.09	2.23	ppb
Arsenic	75-1	0.23	0.24	0.12	0.20	32.58	ppb
Barium	135-1	1.56	1.60	1.46	1.54	4.46	ppb
Barium	137-1	1.46	1.49	1.55	1.50	3.17	ppb
Beryllium	9-1	0.36	0.34	0.32	0.34	5.57	ppb
Bismuth	209-1				98		%
Boron	10-1	3.62	3.56	3.54	3.58	1.10	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.53	-0.85	-3.69	-2.02		ppb
Cadmium	108-1	11.45	11.48	10.90	11.28	2.88	ppb
Cadmium	111-1	0.27	0.36	0.28	0.31	16.75	ppb
Calcium	43-1	105121.82	105993.20	105974.26	105696.43	0.47	ppb
Calcium	44-1	104220.42	105190.68	105010.42	104807.17	0.49	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	19.51	19.42	19.69	19.54	0.72	ppb
Cobalt	59-1	1.11	1.13	1.11	1.12	1.34	ppb
Copper	63-1	8.16	8.32	8.44	8.31	1.70	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				104		%
Indium	115-1				101		%
Iron	54-1						ppb
Iron	56-1	105533.14	106358.74	107559.40	106483.76	0.96	ppb
Iron	57-1	105853.35	105650.21	107358.03	106287.20	0.88	ppb
Krypton	83-1						cps
Lead	206-1	4.68	4.69	4.50	4.62	2.39	ppb
Lead	207-1	4.42	4.16	4.00	4.19	5.04	ppb
Lead	208-1	4.45	4.37	4.22	4.35	2.71	ppb
Lithium	6-1				98		%
Magnesium	24-1	96686.84	98361.72	98512.94	97853.83	1.04	ppb
Manganese	55-1	7.41	7.43	7.17	7.34	1.97	ppb
Molybdenum	94-1	1659.33	1661.12	1645.37	1655.28	0.52	ppb
Molybdenum	95-1	2005.00	2028.22	2010.32	2014.51	0.60	ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 12:08:38	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	1944.75	1949.38	1936.20	1943.44	0.34	ppb
Molybdenum	97-1	1997.95	1997.57	2002.21	1999.24	0.13	ppb
Molybdenum	98-1	1985.48	2026.75	1969.85	1994.03	1.47	ppb
Neodymium	150-1						cps
Nickel	60-1	5.58	5.46	5.52	5.52	1.07	ppb
Phosphorus	31-1	102656.40	104502.59	104876.60	104011.86	1.14	ppb
Potassium	39-1	102889.96	103664.90	105344.42	103966.43	1.21	ppb
Rhodium	103-1				99		%
Scandium	45-1				102		%
Selenium	82-1	0.54	0.75	0.28	0.52	45.02	ppb
Selenium	77-1	28.10	31.52	32.99	30.87	8.13	ppb
Selenium	78-1	-9.19	-15.37	-18.81	-14.46		ppb
Silicon	28-1	10.92	11.06	10.80	10.93	1.19	ppb
Silver	107-1	0.09	0.06	0.06	0.07	25.39	ppb
Silver	109-1	0.07	0.08	0.06	0.07	15.80	ppb
Sodium	23-1	105160.24	105490.22	105944.59	105531.68	0.37	ppb
Strontium	86-1	32.18	32.13	31.79	32.03	0.67	ppb
Strontium	88-1	32.83	32.60	32.51	32.65	0.50	ppb
Sulfur	34-1	98822.93	101866.74	102741.35	101143.67	2.03	ppb
Terbium	159-1				103		%
Thallium	203-1	0.10	0.17	0.16	0.14	25.12	ppb
Thallium	205-1	0.13	0.18	0.18	0.16	17.35	ppb
Tin	118-1	0.19	0.23	0.20	0.20	8.76	ppb
Titanium	47-1	2035.26	2087.45	2086.34	2069.68	1.44	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	19.67	ppb
Vanadium	51-1	0.25	0.25	0.26	0.25	2.15	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				104		%
Zinc	66-1	11.71	11.62	12.00	11.78	1.66	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	16.96	ppb
Zirconium	91-1	-0.03	0.00	-0.01	-0.01		ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 12:14:53	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	98022.24	98560.42	98053.01	98211.89	0.31	ppb
Antimony	121-1	20.30	20.46	20.47	20.41	0.45	ppb
Arsenic	75-1	19.18	18.77	19.99	19.31	3.21	ppb
Barium	135-1	21.42	20.83	21.40	21.22	1.58	ppb
Barium	137-1	21.45	21.89	21.64	21.66	1.01	ppb
Beryllium	9-1	20.23	20.15	19.61	20.00	1.69	ppb
Bismuth	209-1				99		%
Boron	10-1	2.25	2.38	2.43	2.36	3.96	ppb
Bromine	81-1						cps
Cadmium	106-1	13.55	16.14	15.60	15.10	9.07	ppb
Cadmium	108-1	27.53	27.67	27.26	27.49	0.76	ppb
Cadmium	111-1	18.67	19.33	19.47	19.16	2.22	ppb
Calcium	43-1	104769.34	103438.90	105502.95	104570.40	1.00	ppb
Calcium	44-1	105176.84	106234.07	105590.53	105667.15	0.50	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	39.00	38.79	38.35	38.71	0.86	ppb
Cobalt	59-1	20.46	19.85	20.02	20.11	1.56	ppb
Copper	63-1	27.59	28.39	27.93	27.97	1.44	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				106		%
Indium	115-1				100		%
Iron	54-1						ppb
Iron	56-1	106501.46	106999.98	106992.12	106831.19	0.27	ppb
Iron	57-1	106997.05	107398.10	107659.33	107351.49	0.31	ppb
Krypton	83-1						cps
Lead	206-1	23.86	23.95	23.87	23.90	0.20	ppb
Lead	207-1	23.26	23.68	22.60	23.18	2.35	ppb
Lead	208-1	23.28	23.57	22.99	23.28	1.24	ppb
Lithium	6-1				98		%
Magnesium	24-1	98019.75	98715.46	97834.27	98189.83	0.47	ppb
Manganese	55-1	26.57	26.42	26.46	26.49	0.29	ppb
Molybdenum	94-1	1689.25	1659.96	1689.16	1679.46	1.01	ppb
Molybdenum	95-1	2056.99	2014.46	2048.86	2040.10	1.11	ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 12:14:53	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	2002.22	1969.12	2005.11	1992.15	1.00	ppb
Molybdenum	97-1	2024.77	2017.35	2055.69	2032.60	1.00	ppb
Molybdenum	98-1	2065.10	2028.64	2024.39	2039.38	1.10	ppb
Neodymium	150-1						cps
Nickel	60-1	24.45	24.29	24.62	24.45	0.66	ppb
Phosphorus	31-1	103862.88	105012.07	105981.91	104952.29	1.01	ppb
Potassium	39-1	104141.82	103999.45	104816.37	104319.21	0.42	ppb
Rhodium	103-1				100		%
Scandium	45-1				103		%
Selenium	82-1	20.72	19.80	20.73	20.42	2.61	ppb
Selenium	77-1	51.20	52.87	52.72	52.26	1.77	ppb
Selenium	78-1	3.48	-2.00	2.83	1.44	208.72	ppb
Silicon	28-1	10.24	10.42	10.19	10.28	1.20	ppb
Silver	107-1	18.34	18.55	18.25	18.38	0.85	ppb
Silver	109-1	18.17	18.27	18.32	18.25	0.43	ppb
Sodium	23-1	105668.25	106635.90	106235.61	106179.92	0.46	ppb
Strontium	86-1	33.54	32.31	32.74	32.87	1.90	ppb
Strontium	88-1	33.19	32.73	33.08	33.00	0.73	ppb
Sulfur	34-1	102036.73	100806.68	101172.75	101338.72	0.62	ppb
Terbium	159-1				105		%
Thallium	203-1	19.42	19.90	19.53	19.61	1.30	ppb
Thallium	205-1	19.55	19.92	19.55	19.68	1.08	ppb
Tin	118-1	0.18	0.16	0.20	0.18	11.04	ppb
Titanium	47-1	2103.85	2088.14	2103.22	2098.41	0.42	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	9.97	ppb
Vanadium	51-1	19.16	18.87	19.04	19.02	0.76	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				104		%
Zinc	66-1	30.97	31.13	31.04	31.05	0.26	ppb
Zirconium	90-1	0.02	0.00	0.01	0.01	65.21	ppb
Zirconium	91-1	0.05	0.02	0.02	0.03	57.37	ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 12:34:56	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	50485.61	50874.47	49657.04	50339.04	1.24	ppb
Antimony	121-1	489.25	493.58	487.89	490.24	0.61	ppb
Arsenic	75-1	456.29	458.30	462.07	458.89	0.64	ppb
Barium	135-1	2462.41	2525.78	2480.03	2489.41	1.31	ppb
Barium	137-1	2436.27	2474.51	2483.40	2464.73	1.02	ppb
Beryllium	9-1	516.87	517.10	519.94	517.97	0.33	ppb
Bismuth	209-1				97		%
Boron	10-1	467.60	470.84	490.24	476.23	2.57	ppb
Bromine	81-1						cps
Cadmium	106-1	472.45	486.39	463.44	474.10	2.44	ppb
Cadmium	108-1	471.70	470.10	478.09	473.30	0.89	ppb
Cadmium	111-1	453.56	459.94	457.96	457.15	0.71	ppb
Calcium	43-1	252181.42	258993.82	250383.06	253852.77	1.79	ppb
Calcium	44-1	254171.72	256569.09	251408.30	254049.70	1.02	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	494.08	493.38	493.79	493.75	0.07	ppb
Cobalt	59-1	482.40	491.17	484.96	486.18	0.93	ppb
Copper	63-1	4639.84	4761.35	4685.57	4695.59	1.31	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				105		%
Indium	115-1				99		%
Iron	54-1						ppb
Iron	56-1	125835.44	125978.27	125365.75	125726.49	0.25	ppb
Iron	57-1	126396.76	128046.81	127698.09	127380.55	0.68	ppb
Krypton	83-1						cps
Lead	206-1	2509.80	2534.47	2488.92	2511.06	0.91	ppb
Lead	207-1	2517.11	2546.02	2455.24	2506.12	1.85	ppb
Lead	208-1	2528.48	2536.52	2491.57	2518.85	0.95	ppb
Lithium	6-1				94		%
Magnesium	24-1	245704.57	250638.29	245331.06	247224.64	1.20	ppb
Manganese	55-1	4870.06	4951.37	4900.82	4907.42	0.84	ppb
Molybdenum	94-1	4996.07	5021.02	5085.70	5034.26	0.92	ppb
Molybdenum	95-1	4961.78	5083.28	5100.24	5048.43	1.50	ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 12:34:56	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	4974.14	4984.93	4999.85	4986.31	0.26	ppb
Molybdenum	97-1	4999.32	5031.35	5134.91	5055.19	1.40	ppb
Molybdenum	98-1	5009.11	5076.48	5121.48	5069.02	1.12	ppb
Neodymium	150-1						cps
Nickel	60-1	456.30	461.41	449.97	455.89	1.26	ppb
Phosphorus	31-1	9710.69	10003.54	9762.67	9825.63	1.59	ppb
Potassium	39-1	125466.33	128933.93	126062.42	126820.89	1.46	ppb
Rhodium	103-1				96		%
Scandium	45-1				102		%
Selenium	82-1	482.53	481.84	484.77	483.05	0.32	ppb
Selenium	77-1	482.74	482.16	481.54	482.15	0.12	ppb
Selenium	78-1	465.59	465.91	472.59	468.03	0.84	ppb
Silicon	28-1	417.88	426.15	421.03	421.69	0.99	ppb
Silver	107-1	480.15	492.27	486.65	486.36	1.25	ppb
Silver	109-1	475.53	482.41	484.40	480.78	0.97	ppb
Sodium	23-1	248270.41	251131.56	248808.70	249403.56	0.61	ppb
Strontium	86-1	464.20	466.99	464.07	465.09	0.36	ppb
Strontium	88-1	499.27	501.66	503.95	501.63	0.47	ppb
Sulfur	34-1	9289.65	9383.26	8859.75	9177.55	3.04	ppb
Terbium	159-1				104		%
Thallium	203-1	513.51	511.94	501.91	509.12	1.24	ppb
Thallium	205-1	508.30	505.38	498.81	504.16	0.96	ppb
Tin	118-1	493.93	496.80	499.80	496.84	0.59	ppb
Titanium	47-1	4874.71	4954.95	4879.29	4902.98	0.92	ppb
Uranium	238-1	510.53	514.76	504.07	509.78	1.06	ppb
Vanadium	51-1	491.09	500.31	485.83	492.41	1.49	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				102		%
Zinc	66-1	4852.27	4898.75	4823.85	4858.29	0.78	ppb
Zirconium	90-1	496.25	501.46	498.25	498.65	0.53	ppb
Zirconium	91-1	464.46	460.90	465.18	463.51	0.49	ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 12:41:42	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.14	-0.01	0.00	0.05	188.65	ppb
Antimony	121-1	0.05	0.07	0.06	0.06	15.25	ppb
Arsenic	75-1	-0.04	-0.05	-0.06	-0.05		ppb
Barium	135-1	0.53	0.32	0.35	0.40	28.75	ppb
Barium	137-1	0.46	0.32	0.39	0.39	17.45	ppb
Beryllium	9-1	0.17	0.16	0.16	0.16	2.32	ppb
Bismuth	209-1				100		%
Boron	10-1	5.19	4.67	4.38	4.75	8.60	ppb
Bromine	81-1						cps
Cadmium	106-1	-2.37	-2.22	-2.27	-2.28		ppb
Cadmium	108-1	0.33	-0.01	0.02	0.11	165.20	ppb
Cadmium	111-1	-0.15	-0.14	-0.15	-0.15		ppb
Calcium	43-1	-4.66	-3.45	-5.74	-4.62		ppb
Calcium	44-1	-22.32	-23.46	-22.60	-22.79		ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	0.00	-0.05	-0.03	-0.03		ppb
Cobalt	59-1	0.01	0.02	0.00	0.01	109.38	ppb
Copper	63-1	-0.56	-0.56	-0.63	-0.58		ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				101		%
Indium	115-1				99		%
Iron	54-1						ppb
Iron	56-1	-0.16	-0.94	0.02	-0.36		ppb
Iron	57-1	-6.63	-9.24	-5.64	-7.17		ppb
Krypton	83-1						cps
Lead	206-1	0.21	0.16	0.17	0.18	13.21	ppb
Lead	207-1	0.20	0.19	0.17	0.19	8.65	ppb
Lead	208-1	0.19	0.18	0.17	0.18	7.13	ppb
Lithium	6-1				95		%
Magnesium	24-1	-3.74	-4.00	-4.00	-3.91		ppb
Manganese	55-1	0.37	0.35	0.32	0.35	8.06	ppb
Molybdenum	94-1	0.08	0.06	0.07	0.07	17.73	ppb
Molybdenum	95-1	0.02	0.02	0.03	0.02	25.58	ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 12:41:42	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	0.05	0.01	0.02	0.03	81.48	ppb
Molybdenum	97-1	0.04	0.06	0.03	0.04	34.74	ppb
Molybdenum	98-1	0.04	0.02	0.04	0.03	28.52	ppb
Neodymium	150-1						cps
Nickel	60-1	-0.12	-0.04	-0.08	-0.08		ppb
Phosphorus	31-1	-21.83	-22.82	-22.48	-22.38		ppb
Potassium	39-1	-7.35	-5.45	-3.82	-5.54		ppb
Rhodium	103-1				98		%
Scandium	45-1				97		%
Selenium	82-1	0.03	-0.55	-0.46	-0.33		ppb
Selenium	77-1	0.00	-0.13	-0.10	-0.08		ppb
Selenium	78-1	-12.46	-13.26	-14.09	-13.27		ppb
Silicon	28-1	-7.10	-6.80	-5.99	-6.63		ppb
Silver	107-1	0.01	0.02	0.02	0.02	40.54	ppb
Silver	109-1	0.01	0.01	0.01	0.01	27.27	ppb
Sodium	23-1	-13.35	-11.70	-13.42	-12.83		ppb
Strontium	86-1	-0.15	-0.11	-0.14	-0.13		ppb
Strontium	88-1	-0.13	-0.15	-0.14	-0.14		ppb
Sulfur	34-1	-2487.90	-2220.32	-2101.26	-2269.82		ppb
Terbium	159-1				99		%
Thallium	203-1	0.04	0.04	0.02	0.03	22.16	ppb
Thallium	205-1	0.05	0.05	0.04	0.05	11.49	ppb
Tin	118-1	0.03	0.02	0.05	0.03	52.46	ppb
Titanium	47-1	-0.03	0.15	0.16	0.09	115.79	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-1	0.01	0.00	0.01	0.01	33.65	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				99		%
Zinc	66-1	0.20	0.08	0.25	0.18	49.07	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	74.74	ppb
Zirconium	91-1	0.00	0.03	0.02	0.02	75.02	ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 12:46:15	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	19.45	19.89	19.95	19.76	1.39	ppb
Antimony	121-1	1.96	1.91	2.01	1.96	2.54	ppb
Arsenic	75-1	1.13	0.98	1.05	1.05	7.39	ppb
Barium	135-1	9.96	9.89	9.87	9.91	0.51	ppb
Barium	137-1	10.01	9.95	9.90	9.95	0.56	ppb
Beryllium	9-1	1.15	1.11	1.13	1.13	1.62	ppb
Bismuth	209-1				100		%
Boron	10-1	7.83	6.88	7.65	7.45	6.73	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.34	-1.83	-1.53	-1.57		ppb
Cadmium	108-1	0.84	1.01	1.18	1.01	16.85	ppb
Cadmium	111-1	0.93	0.73	0.89	0.85	12.09	ppb
Calcium	43-1	523.12	530.01	519.15	524.09	1.05	ppb
Calcium	44-1	498.98	511.31	503.87	504.72	1.23	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	2.07	1.98	1.92	1.99	3.95	ppb
Cobalt	59-1	0.99	1.01	1.07	1.03	4.15	ppb
Copper	63-1	1.34	1.39	1.33	1.35	2.53	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	52.06	58.46	53.96	54.83	5.99	ppb
Iron	57-1	46.22	56.55	49.78	50.85	10.32	ppb
Krypton	83-1						cps
Lead	206-1	1.18	1.12	1.07	1.12	4.80	ppb
Lead	207-1	1.09	1.10	1.14	1.11	2.53	ppb
Lead	208-1	1.12	1.11	1.10	1.11	1.16	ppb
Lithium	6-1				93		%
Magnesium	24-1	519.04	530.52	534.63	528.06	1.53	ppb
Manganese	55-1	1.17	1.24	1.23	1.21	2.95	ppb
Molybdenum	94-1	5.86	6.10	6.39	6.12	4.37	ppb
Molybdenum	95-1	5.16	5.09	5.17	5.14	0.82	ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 12:46:15	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	5.17	5.29	5.14	5.20	1.51	ppb
Molybdenum	97-1	4.98	4.75	5.50	5.08	7.57	ppb
Molybdenum	98-1	5.22	5.05	5.16	5.14	1.62	ppb
Neodymium	150-1						cps
Nickel	60-1	0.89	0.89	1.01	0.93	7.69	ppb
Phosphorus	31-1	10.13	11.75	9.01	10.30	13.35	ppb
Potassium	39-1	524.97	545.70	530.56	533.74	2.01	ppb
Rhodium	103-1				99		%
Scandium	45-1				97		%
Selenium	82-1	4.81	5.01	5.46	5.09	6.56	ppb
Selenium	77-1	5.39	5.22	5.00	5.20	3.73	ppb
Selenium	78-1	-11.58	-7.36	-6.20	-8.38		ppb
Silicon	28-1	-5.33	-4.49	-4.35	-4.72		ppb
Silver	107-1	0.92	0.96	0.98	0.95	3.69	ppb
Silver	109-1	0.93	0.89	0.98	0.93	4.97	ppb
Sodium	23-1	508.54	523.79	515.94	516.09	1.48	ppb
Strontium	86-1	1.01	0.94	0.75	0.90	15.08	ppb
Strontium	88-1	0.92	0.95	0.91	0.93	2.24	ppb
Sulfur	34-1	-2452.53	-2054.27	-2015.04	-2173.95		ppb
Terbium	159-1				100		%
Thallium	203-1	0.99	0.97	0.97	0.98	0.98	ppb
Thallium	205-1	1.01	1.02	1.02	1.02	1.08	ppb
Tin	118-1	5.08	5.08	5.15	5.10	0.87	ppb
Titanium	47-1	5.01	5.01	5.07	5.03	0.64	ppb
Uranium	238-1	0.92	0.98	0.97	0.95	3.18	ppb
Vanadium	51-1	4.97	5.00	4.98	4.98	0.24	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				99		%
Zinc	66-1	5.26	5.65	5.61	5.51	3.87	ppb
Zirconium	90-1	1.06	1.01	1.02	1.03	2.43	ppb
Zirconium	91-1	0.95	1.02	1.06	1.01	5.37	ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	PB166661BL	Instrumnet Name :	P8
Client Sample ID :	PB166661BL	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 12:49:50	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.12	0.03	0.02	0.06	102.19	ppb
Antimony	121-1	0.03	0.01	0.02	0.02	42.06	ppb
Arsenic	75-1	-0.06	-0.06	-0.04	-0.05		ppb
Barium	135-1	0.14	0.15	0.13	0.14	9.10	ppb
Barium	137-1	0.13	0.18	0.14	0.15	16.57	ppb
Beryllium	9-1	0.08	0.08	0.09	0.08	7.63	ppb
Bismuth	209-1				99		%
Boron	10-1	3.32	3.26	3.54	3.37	4.34	ppb
Bromine	81-1						cps
Cadmium	106-1	-2.07	-0.65	-2.12	-1.62		ppb
Cadmium	108-1	0.12	0.09	0.06	0.09	37.48	ppb
Cadmium	111-1	-0.17	-0.03	-0.16	-0.12		ppb
Calcium	43-1	-3.59	-5.35	-4.71	-4.55		ppb
Calcium	44-1	-25.12	-23.57	-24.71	-24.47		ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	-0.03	-0.06	-0.02	-0.04		ppb
Cobalt	59-1	-0.01	-0.02	0.00	-0.01		ppb
Copper	63-1	-0.68	-0.70	-0.65	-0.68		ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				98		%
Indium	115-1				98		%
Iron	54-1						ppb
Iron	56-1	0.56	1.62	-0.11	0.69	127.14	ppb
Iron	57-1	1.57	7.18	-4.37	1.46	396.40	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.14	0.14	0.14	4.02	ppb
Lead	207-1	0.13	0.13	0.13	0.13	0.76	ppb
Lead	208-1	0.13	0.13	0.13	0.13	3.31	ppb
Lithium	6-1				91		%
Magnesium	24-1	-2.68	-2.98	-2.84	-2.83		ppb
Manganese	55-1	0.13	0.09	0.08	0.10	23.91	ppb
Molybdenum	94-1	0.00	0.02	0.03	0.02	64.80	ppb
Molybdenum	95-1	0.00	0.01	-0.02	0.00		ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	PB166661BL	Instrumnet Name :	P8
Client Sample ID :	PB166661BL	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 12:49:50	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	0.04	0.01	0.02	0.02	65.03	ppb
Molybdenum	97-1	-0.03	0.01	0.05	0.01	504.40	ppb
Molybdenum	98-1	0.01	0.00	0.01	0.01	96.07	ppb
Neodymium	150-1						cps
Nickel	60-1	0.05	-0.08	-0.02	-0.02		ppb
Phosphorus	31-1	-22.67	-19.30	-21.12	-21.03		ppb
Potassium	39-1	5.00	4.58	2.74	4.10	29.31	ppb
Rhodium	103-1				99		%
Scandium	45-1				96		%
Selenium	82-1	-0.15	-0.07	0.25	0.01	2161.69	ppb
Selenium	77-1	0.03	-0.09	0.07	0.00	1980.87	ppb
Selenium	78-1	-18.75	-10.89	-12.27	-13.97		ppb
Silicon	28-1	-6.96	-6.88	-7.61	-7.15		ppb
Silver	107-1	0.01	0.01	0.01	0.01	39.02	ppb
Silver	109-1	0.01	0.01	0.01	0.01	35.25	ppb
Sodium	23-1	-18.88	-20.43	-21.28	-20.20		ppb
Strontium	86-1	-0.12	-0.19	-0.03	-0.11		ppb
Strontium	88-1	-0.09	-0.07	-0.08	-0.08		ppb
Sulfur	34-1	-1286.28	-1512.29	-1353.83	-1384.13		ppb
Terbium	159-1				99		%
Thallium	203-1	0.03	0.03	0.03	0.03	7.31	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	20.37	ppb
Tin	118-1	0.02	0.01	0.04	0.02	63.36	ppb
Titanium	47-1	0.02	-0.06	0.02	-0.01		ppb
Uranium	238-1	0.00	0.00	-0.01	0.00		ppb
Vanadium	51-1	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				98		%
Zinc	66-1	0.04	0.06	-0.01	0.03	113.55	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	33.71	ppb
Zirconium	91-1	-0.01	-0.01	0.00	-0.01		ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	PB166661BS	Instrumnet Name :	P8
Client Sample ID :	PB166661BS	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 12:58:48	DataFile Name :	024LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	10012.74	9965.87	9981.10	9986.57	0.24	ppb
Antimony	121-1	472.84	487.37	473.64	477.95	1.71	ppb
Arsenic	75-1	483.18	482.99	487.69	484.62	0.55	ppb
Barium	135-1	2396.04	2422.43	2372.58	2397.02	1.04	ppb
Barium	137-1	2340.59	2383.66	2364.63	2362.96	0.91	ppb
Beryllium	9-1	481.86	475.72	472.92	476.84	0.96	ppb
Bismuth	209-1				97		%
Boron	10-1	482.09	494.50	505.29	493.96	2.35	ppb
Bromine	81-1						cps
Cadmium	106-1	475.21	477.97	486.44	479.87	1.22	ppb
Cadmium	108-1	475.90	479.79	483.82	479.84	0.83	ppb
Cadmium	111-1	464.02	467.08	468.13	466.41	0.46	ppb
Calcium	43-1	49639.50	49598.07	49825.32	49687.63	0.24	ppb
Calcium	44-1	51647.12	51463.35	51578.39	51562.96	0.18	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	504.97	508.06	508.66	507.23	0.39	ppb
Cobalt	59-1	508.09	508.37	507.62	508.03	0.08	ppb
Copper	63-1	4602.72	4685.47	4671.77	4653.32	0.95	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				100		%
Indium	115-1				95		%
Iron	54-1						ppb
Iron	56-1	25953.04	26129.11	26119.50	26067.22	0.38	ppb
Iron	57-1	25915.17	26379.69	26224.12	26172.99	0.90	ppb
Krypton	83-1						cps
Lead	206-1	2501.02	2527.73	2536.40	2521.72	0.73	ppb
Lead	207-1	2472.82	2554.49	2512.79	2513.36	1.62	ppb
Lead	208-1	2496.55	2539.06	2532.13	2522.58	0.90	ppb
Lithium	6-1				91		%
Magnesium	24-1	50468.79	50118.90	50564.88	50384.19	0.47	ppb
Manganese	55-1	5110.48	5095.90	5106.18	5104.19	0.15	ppb
Molybdenum	94-1	5083.63	5150.33	5088.16	5107.37	0.73	ppb
Molybdenum	95-1	5084.85	5082.29	5100.57	5089.24	0.19	ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	PB166661BS	Instrumnet Name :	P8
Client Sample ID :	PB166661BS	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 12:58:48	DataFile Name :	024LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	5091.38	5104.74	5041.96	5079.36	0.65	ppb
Molybdenum	97-1	5099.52	5046.44	5072.92	5072.96	0.52	ppb
Molybdenum	98-1	5150.90	5089.77	5084.51	5108.40	0.72	ppb
Neodymium	150-1						cps
Nickel	60-1	478.63	480.25	481.07	479.98	0.26	ppb
Phosphorus	31-1	9841.72	9799.09	9966.07	9868.96	0.88	ppb
Potassium	39-1	25386.63	25776.62	25737.60	25633.62	0.84	ppb
Rhodium	103-1				94		%
Scandium	45-1				95		%
Selenium	82-1	513.25	510.84	515.00	513.03	0.41	ppb
Selenium	77-1	510.64	510.08	509.88	510.20	0.08	ppb
Selenium	78-1	510.66	512.25	512.97	511.96	0.23	ppb
Silicon	28-1	500.10	498.39	504.64	501.04	0.64	ppb
Silver	107-1	480.60	491.03	489.96	487.19	1.18	ppb
Silver	109-1	473.15	483.87	480.58	479.20	1.15	ppb
Sodium	23-1	51809.68	51977.02	51459.99	51748.89	0.51	ppb
Strontium	86-1	486.74	489.36	485.81	487.31	0.38	ppb
Strontium	88-1	509.60	505.19	508.22	507.67	0.45	ppb
Sulfur	34-1	10887.50	10079.88	10497.11	10488.17	3.85	ppb
Terbium	159-1				99		%
Thallium	203-1	510.21	513.13	508.25	510.53	0.48	ppb
Thallium	205-1	500.12	511.60	507.11	506.27	1.14	ppb
Tin	118-1	481.90	484.69	484.99	483.86	0.35	ppb
Titanium	47-1	4997.02	5021.79	4985.57	5001.46	0.37	ppb
Uranium	238-1	481.78	498.04	494.33	491.38	1.73	ppb
Vanadium	51-1	504.44	500.61	498.68	501.24	0.58	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				96		%
Zinc	66-1	5089.47	5078.70	5200.29	5122.82	1.31	ppb
Zirconium	90-1	502.13	508.23	504.51	504.96	0.61	ppb
Zirconium	91-1	486.37	486.59	484.52	485.83	0.23	ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	Q1172-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 13:02:37	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	531.58	543.08	536.28	536.98	1.08	ppb
Antimony	121-1	20.19	20.17	19.87	20.07	0.90	ppb
Arsenic	75-1	7.05	6.53	6.90	6.83	3.93	ppb
Barium	135-1	1840.64	1865.52	1838.33	1848.16	0.82	ppb
Barium	137-1	1848.57	1858.58	1828.59	1845.24	0.83	ppb
Beryllium	9-1	16.61	16.68	16.66	16.65	0.21	ppb
Bismuth	209-1				98		%
Boron	10-1	1412.06	1483.04	1496.97	1464.02	3.11	ppb
Bromine	81-1						cps
Cadmium	106-1	17.56	19.82	17.81	18.40	6.72	ppb
Cadmium	108-1	21.65	22.67	22.57	22.30	2.52	ppb
Cadmium	111-1	22.86	23.36	23.08	23.10	1.08	ppb
Calcium	43-1	57.51	69.45	74.33	67.10	12.89	ppb
Calcium	44-1	-5.88	-3.14	-3.60	-4.21		ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	22.18	22.53	22.48	22.40	0.86	ppb
Cobalt	59-1	0.07	0.04	0.03	0.05	37.88	ppb
Copper	63-1	708.12	719.30	724.50	717.30	1.17	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	1620.02	1649.76	1650.74	1640.18	1.06	ppb
Iron	57-1	1612.93	1624.67	1636.80	1624.80	0.73	ppb
Krypton	83-1						cps
Lead	206-1	21.02	20.73	20.62	20.79	0.98	ppb
Lead	207-1	20.68	20.35	20.57	20.53	0.83	ppb
Lead	208-1	20.65	20.58	20.48	20.57	0.41	ppb
Lithium	6-1				91		%
Magnesium	24-1	-3.46	-4.09	-4.03	-3.86		ppb
Manganese	55-1	900.31	907.28	915.40	907.66	0.83	ppb
Molybdenum	94-1	42.72	43.19	42.51	42.81	0.82	ppb
Molybdenum	95-1	51.42	52.40	51.79	51.87	0.95	ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	Q1172-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 13:02:37	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	50.21	50.95	50.07	50.41	0.94	ppb
Molybdenum	97-1	53.27	52.50	51.62	52.46	1.58	ppb
Molybdenum	98-1	51.77	52.44	50.81	51.67	1.58	ppb
Neodymium	150-1						cps
Nickel	60-1	218.04	217.97	217.53	217.85	0.13	ppb
Phosphorus	31-1	-23.14	-21.40	-23.88	-22.81		ppb
Potassium	39-1	1.00	-0.44	-4.29	-1.24		ppb
Rhodium	103-1				96		%
Scandium	45-1				94		%
Selenium	82-1	31.09	32.09	30.09	31.09	3.23	ppb
Selenium	77-1	31.00	30.85	30.42	30.75	0.98	ppb
Selenium	78-1	22.63	27.54	22.75	24.31	11.52	ppb
Silicon	28-1	73.68	75.21	76.15	75.01	1.66	ppb
Silver	107-1	223.89	227.88	227.27	226.35	0.95	ppb
Silver	109-1	226.67	228.63	226.64	227.31	0.50	ppb
Sodium	23-1	9.46	11.78	9.74	10.33	12.27	ppb
Strontium	86-1	-0.06	-0.10	-0.08	-0.08		ppb
Strontium	88-1	-0.06	-0.03	-0.06	-0.05		ppb
Sulfur	34-1	-2014.75	-1880.22	-1852.62	-1915.86		ppb
Terbium	159-1				97		%
Thallium	203-1	7.10	7.23	7.22	7.18	0.98	ppb
Thallium	205-1	7.29	7.15	7.23	7.22	0.96	ppb
Tin	118-1	0.07	0.06	0.03	0.05	40.30	ppb
Titanium	47-1	0.31	0.11	0.11	0.18	65.04	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	38.12	ppb
Vanadium	51-1	312.25	313.00	314.14	313.13	0.30	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				96		%
Zinc	66-1	235.03	237.07	232.58	234.89	0.96	ppb
Zirconium	90-1	0.18	0.20	0.18	0.19	5.06	ppb
Zirconium	91-1	0.16	0.15	0.16	0.16	2.87	ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	Q1172-04DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WSDL	Dilution Factor :	5
Date & Time Acquired :	2025-02-26 13:05:31	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	103.24	104.45	106.35	104.68	1.50	ppb
Antimony	121-1	4.06	4.09	4.07	4.07	0.42	ppb
Arsenic	75-1	1.41	1.39	1.36	1.39	1.46	ppb
Barium	135-1	357.86	359.71	356.34	357.97	0.47	ppb
Barium	137-1	364.85	363.43	360.83	363.03	0.56	ppb
Beryllium	9-1	3.42	3.45	3.55	3.48	2.01	ppb
Bismuth	209-1				96		%
Boron	10-1	305.08	326.29	331.52	320.96	4.36	ppb
Bromine	81-1						cps
Cadmium	106-1	1.01	2.58	3.41	2.33	52.20	ppb
Cadmium	108-1	4.17	4.07	3.46	3.90	9.91	ppb
Cadmium	111-1	4.74	4.82	4.43	4.66	4.45	ppb
Calcium	43-1	17.86	17.50	22.56	19.31	14.63	ppb
Calcium	44-1	-19.55	-18.97	-18.27	-18.93		ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	4.43	4.54	4.69	4.55	2.87	ppb
Cobalt	59-1	-0.01	-0.04	0.00	-0.02		ppb
Copper	63-1	135.38	136.63	135.37	135.79	0.53	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	329.56	327.45	333.36	330.12	0.91	ppb
Iron	57-1	319.67	321.33	330.51	323.84	1.80	ppb
Krypton	83-1						cps
Lead	206-1	4.48	4.26	4.25	4.33	2.95	ppb
Lead	207-1	4.41	4.18	4.37	4.32	2.85	ppb
Lead	208-1	4.40	4.21	4.32	4.31	2.14	ppb
Lithium	6-1				91		%
Magnesium	24-1	-3.49	-3.64	-3.61	-3.58		ppb
Manganese	55-1	184.14	184.37	184.70	184.40	0.15	ppb
Molybdenum	94-1	8.55	8.75	8.90	8.73	2.03	ppb
Molybdenum	95-1	10.61	10.64	10.63	10.63	0.13	ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	Q1172-04DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WSDL	Dilution Factor :	5
Date & Time Acquired :	2025-02-26 13:05:31	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	10.66	10.32	10.45	10.48	1.61	ppb
Molybdenum	97-1	11.02	10.70	10.51	10.74	2.37	ppb
Molybdenum	98-1	10.72	10.59	10.54	10.62	0.89	ppb
Neodymium	150-1						cps
Nickel	60-1	43.89	44.71	44.56	44.39	0.98	ppb
Phosphorus	31-1	-21.97	-22.71	-20.90	-21.86		ppb
Potassium	39-1	-6.87	-3.47	-1.70	-4.01		ppb
Rhodium	103-1				95		%
Scandium	45-1				93		%
Selenium	82-1	6.43	6.65	6.39	6.49	2.16	ppb
Selenium	77-1	6.22	5.88	5.99	6.03	2.89	ppb
Selenium	78-1	1.47	0.17	-1.63	0.00	80977.80	ppb
Silicon	28-1	14.35	13.91	15.54	14.60	5.77	ppb
Silver	107-1	43.78	43.64	44.11	43.85	0.56	ppb
Silver	109-1	43.47	44.30	44.12	43.97	0.99	ppb
Sodium	23-1	-18.39	-17.94	-13.51	-16.61		ppb
Strontium	86-1	-0.09	-0.05	-0.10	-0.08		ppb
Strontium	88-1	-0.08	-0.07	-0.05	-0.06		ppb
Sulfur	34-1	-1694.92	-1741.44	-1386.48	-1607.61		ppb
Terbium	159-1				97		%
Thallium	203-1	1.48	1.43	1.47	1.46	1.87	ppb
Thallium	205-1	1.46	1.47	1.50	1.47	1.42	ppb
Tin	118-1	0.01	0.03	0.02	0.02	57.29	ppb
Titanium	47-1	0.10	-0.05	-0.05	0.00	4419.83	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-1	60.85	61.21	62.23	61.43	1.16	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				95		%
Zinc	66-1	47.90	48.61	49.49	48.66	1.64	ppb
Zirconium	90-1	0.04	0.06	0.04	0.05	24.19	ppb
Zirconium	91-1	0.04	0.02	0.01	0.02	69.95	ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 13:17:45	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	49970.81	50289.95	50118.39	50126.39	0.32	ppb
Antimony	121-1	466.50	480.01	476.04	474.18	1.46	ppb
Arsenic	75-1	453.16	453.90	450.86	452.64	0.35	ppb
Barium	135-1	2391.26	2432.42	2412.82	2412.17	0.85	ppb
Barium	137-1	2328.93	2403.30	2420.24	2384.16	2.04	ppb
Beryllium	9-1	475.44	475.42	464.59	471.82	1.33	ppb
Bismuth	209-1				95		%
Boron	10-1	468.06	487.19	482.93	479.39	2.10	ppb
Bromine	81-1						cps
Cadmium	106-1	464.48	464.92	478.81	469.40	1.74	ppb
Cadmium	108-1	455.52	457.81	475.66	463.00	2.38	ppb
Cadmium	111-1	448.85	450.18	452.97	450.66	0.47	ppb
Calcium	43-1	253131.27	258764.91	253564.07	255153.42	1.23	ppb
Calcium	44-1	256386.59	256251.90	255530.46	256056.32	0.18	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	498.50	501.36	499.30	499.72	0.30	ppb
Cobalt	59-1	490.05	492.65	489.17	490.62	0.37	ppb
Copper	63-1	4374.76	4476.24	4476.22	4442.41	1.32	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				102		%
Indium	115-1				96		%
Iron	54-1						ppb
Iron	56-1	128214.06	126933.90	126241.64	127129.87	0.79	ppb
Iron	57-1	127448.57	127015.81	126320.34	126928.24	0.45	ppb
Krypton	83-1						cps
Lead	206-1	2503.51	2508.07	2512.43	2508.00	0.18	ppb
Lead	207-1	2532.40	2523.82	2511.43	2522.55	0.42	ppb
Lead	208-1	2511.50	2507.29	2511.48	2510.09	0.10	ppb
Lithium	6-1				88		%
Magnesium	24-1	247706.29	246046.13	244269.36	246007.26	0.70	ppb
Manganese	55-1	5045.34	4999.80	4964.49	5003.21	0.81	ppb
Molybdenum	94-1	4890.01	5020.99	4996.29	4969.10	1.40	ppb
Molybdenum	95-1	4911.61	5042.91	5044.76	4999.76	1.53	ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 13:17:45	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	4859.78	4995.75	4993.08	4949.53	1.57	ppb
Molybdenum	97-1	4901.24	4961.62	5019.09	4960.65	1.19	ppb
Molybdenum	98-1	4979.71	5009.59	5026.78	5005.36	0.48	ppb
Neodymium	150-1						cps
Nickel	60-1	468.20	457.78	459.89	461.96	1.19	ppb
Phosphorus	31-1	9849.63	9816.94	9766.86	9811.14	0.42	ppb
Potassium	39-1	128943.57	126760.08	127125.99	127609.88	0.92	ppb
Rhodium	103-1				92		%
Scandium	45-1				95		%
Selenium	82-1	476.45	477.63	480.40	478.16	0.42	ppb
Selenium	77-1	479.23	477.41	477.34	477.99	0.22	ppb
Selenium	78-1	462.95	467.25	461.67	463.96	0.63	ppb
Silicon	28-1	421.80	419.61	413.00	418.13	1.10	ppb
Silver	107-1	465.79	473.34	469.09	469.41	0.81	ppb
Silver	109-1	460.22	464.50	467.61	464.11	0.80	ppb
Sodium	23-1	250092.22	250983.35	248276.48	249784.02	0.55	ppb
Strontium	86-1	465.08	465.06	462.78	464.31	0.29	ppb
Strontium	88-1	495.50	495.53	495.07	495.37	0.05	ppb
Sulfur	34-1	10218.07	9774.01	9208.09	9733.39	5.20	ppb
Terbium	159-1				100		%
Thallium	203-1	503.53	513.96	518.37	511.96	1.49	ppb
Thallium	205-1	506.19	501.76	506.75	504.90	0.54	ppb
Tin	118-1	472.51	490.63	478.18	480.44	1.93	ppb
Titanium	47-1	4944.42	5008.22	4981.40	4978.01	0.64	ppb
Uranium	238-1	508.27	513.08	511.68	511.01	0.48	ppb
Vanadium	51-1	499.96	500.50	493.23	497.90	0.81	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				99		%
Zinc	66-1	4936.58	4918.42	4915.97	4923.66	0.23	ppb
Zirconium	90-1	484.95	496.09	494.82	491.95	1.24	ppb
Zirconium	91-1	460.60	465.27	462.96	462.94	0.50	ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 13:30:17	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.07	0.04	0.09	0.07	36.80	ppb
Antimony	121-1	0.04	0.04	0.04	0.04	12.30	ppb
Arsenic	75-1	-0.08	0.02	-0.13	-0.06		ppb
Barium	135-1	0.24	0.23	0.20	0.22	10.66	ppb
Barium	137-1	0.29	0.27	0.23	0.26	10.29	ppb
Beryllium	9-1	0.15	0.16	0.15	0.15	2.35	ppb
Bismuth	209-1				95		%
Boron	10-1	5.55	5.49	4.89	5.31	6.81	ppb
Bromine	81-1						cps
Cadmium	106-1	-2.17	-1.78	-3.05	-2.33		ppb
Cadmium	108-1	0.12	0.12	0.16	0.14	14.45	ppb
Cadmium	111-1	-0.16	-0.12	-0.22	-0.17		ppb
Calcium	43-1	-5.26	-3.76	-4.55	-4.53		ppb
Calcium	44-1	-29.84	-29.57	-29.97	-29.79		ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	-0.04	-0.01	0.03	-0.01		ppb
Cobalt	59-1	0.00	-0.03	-0.01	-0.01		ppb
Copper	63-1	-0.92	-0.95	-0.93	-0.93		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	-1.64	-21.88	-20.53	-14.69		ppb
Iron	57-1	-3.37	-6.86	-8.48	-6.24		ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.13	0.16	0.14	12.95	ppb
Lead	207-1	0.14	0.15	0.14	0.14	6.77	ppb
Lead	208-1	0.13	0.13	0.14	0.13	2.03	ppb
Lithium	6-1				86		%
Magnesium	24-1	-3.60	-3.50	-3.70	-3.60		ppb
Manganese	55-1	0.34	0.35	0.35	0.35	2.10	ppb
Molybdenum	94-1	0.07	0.05	-0.01	0.04	111.73	ppb
Molybdenum	95-1	0.03	-0.01	-0.02	0.00	1051.32	ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 13:30:17	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	0.01	0.03	0.01	0.01	71.75	ppb
Molybdenum	97-1	0.04	0.03	0.02	0.03	28.82	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.02	45.07	ppb
Neodymium	150-1						cps
Nickel	60-1	-0.21	-0.12	0.00	-0.11		ppb
Phosphorus	31-1	-19.56	-21.45	-21.45	-20.82		ppb
Potassium	39-1	-3.97	-10.40	-3.67	-6.01		ppb
Rhodium	103-1				94		%
Scandium	45-1				90		%
Selenium	82-1	0.47	0.43	-0.66	0.08	779.25	ppb
Selenium	77-1	-0.07	-0.11	0.04	-0.05		ppb
Selenium	78-1	-9.35	-9.33	-1.61	-6.76		ppb
Silicon	28-1	-7.97	-7.98	-7.63	-7.86		ppb
Silver	107-1	0.01	0.01	0.01	0.01	36.09	ppb
Silver	109-1	0.01	0.00	0.01	0.01	66.66	ppb
Sodium	23-1	-23.84	-27.12	-27.76	-26.24		ppb
Strontium	86-1	-0.11	0.03	-0.10	-0.06		ppb
Strontium	88-1	-0.09	-0.10	-0.07	-0.08		ppb
Sulfur	34-1	-2082.40	-2068.86	-1789.37	-1980.21		ppb
Terbium	159-1				96		%
Thallium	203-1	0.04	0.02	0.03	0.03	39.62	ppb
Thallium	205-1	0.04	0.03	0.04	0.04	11.54	ppb
Tin	118-1	-0.01	0.00	0.00	0.00		ppb
Titanium	47-1	0.00	0.00	-0.14	-0.05		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-1	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				93		%
Zinc	66-1	0.12	0.11	0.14	0.12	12.34	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	82.73	ppb
Zirconium	91-1	-0.02	-0.01	-0.01	-0.01		ppb

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 10:49:50	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	65996	64005	66076	65359	1.80	cps
Antimony	121-1	242	300	308	283	12.82	cps
Arsenic	75-1	1938	1736	1964	1879	6.64	cps
Barium	135-1	1842	1650	1483	1658	10.81	cps
Barium	137-1	3326	2875	2625	2942	12.06	cps
Beryllium	9-1	2202	1892	1740	1944	12.11	cps
Bismuth	209-1	4822261	4857715	4848744	4842907	0.38	cps
Boron	10-1	528	472	582	527	10.43	cps
Bromine	81-1	2062	1992	1982	2012	2.17	cps
Cadmium	106-1	2384	2692	2517	2531	6.11	cps
Cadmium	108-1	163	154	163	160	3.01	cps
Cadmium	111-1	2301	2518	2211	2343	6.75	cps
Calcium	43-1	879	870	856	868	1.31	cps
Calcium	44-1	41094	40502	40633	40743	0.76	cps
Carbon	12-1	3010366	3108051	3161591	3093336	2.48	cps
Chlorine	35-1	100128	102932	104946	102669	2.36	cps
Chromium	52-1	19383	18922	17769	18691	4.45	cps
Cobalt	59-1	15003	13911	12629	13848	8.58	cps
Copper	63-1	35558	35083	34993	35211	0.86	cps
Dysprosium	156-1	4393	4393	4451	4412	0.76	cps
Erbium	164-1	50	58	42	50	16.66	cps
Gadolinium	160-1	67	33	58	53	32.88	cps
Holmium	165-1	7071755	7183918	7126489	7127388	0.79	cps
Indium	115-1	5972491	5984300	5969837	5975543	0.13	cps
Iron	54-1						cps
Iron	56-1	1825904	1763252	1783690	1790949	1.78	cps
Iron	57-1	55735	55705	55202	55548	0.54	cps
Krypton	83-1	240	263	263	256	5.27	cps
Lead	206-1	4434	3784	3517	3912	12.06	cps
Lead	207-1	3728	3551	3173	3484	8.15	cps
Lead	208-1	17233	15765	14053	15684	10.15	cps
Lithium	6-1	2416030	2346277	2424010	2395439	1.79	cps
Magnesium	24-1	186434	180697	179765	182299	1.98	cps
Manganese	55-1	51023	49486	47738	49416	3.33	cps
Molybdenum	94-1	2292	1984	2050	2109	7.69	cps
Molybdenum	95-1	3876	3626	3451	3651	5.85	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 10:49:50	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	3792	3859	3959	3870	2.17	cps
Molybdenum	97-1	2017	2284	1842	2047	10.87	cps
Molybdenum	98-1	5776	5535	5776	5696	2.45	cps
Neodymium	150-1	7	33	13	18	78.05	cps
Nickel	60-1	5907	5967	6338	6071	3.84	cps
Phosphorus	31-1	33924	33563	32921	33469	1.52	cps
Potassium	39-1	4133776	4099359	4073638	4102258	0.74	cps
Rhodium	103-1	5430139	5420555	5514777	5455157	0.95	cps
Scandium	45-1	4008580	4064157	4013717	4028818	0.76	cps
Selenium	82-1	25	1	-10	5	331.47	cps
Selenium	77-1	75	71	61	69	10.87	cps
Selenium	78-1	77650	77196	77177	77341	0.35	cps
Silicon	28-1	731700	729338	731309	730783	0.17	cps
Silver	107-1	83	108	150	114	29.57	cps
Silver	109-1	125	108	92	108	15.38	cps
Sodium	23-1	3276796	3312334	3273550	3287560	0.65	cps
Strontium	86-1	1175	1283	1258	1239	4.58	cps
Strontium	88-1	7886	7694	7811	7797	1.24	cps
Sulfur	34-1	561513	556066	560988	559522	0.54	cps
Terbium	159-1	7417793	7393531	7542490	7451271	1.07	cps
Thallium	203-1	2225	1592	1317	1711	27.22	cps
Thallium	205-1	4234	3884	3100	3740	15.52	cps
Tin	118-1	2084	2417	2242	2247	7.42	cps
Titanium	47-1	1008	842	967	939	9.24	cps
Uranium	238-1	15760	13374	11781	13638	14.69	cps
Vanadium	51-1	5737	4836	4215	4929	15.53	cps
Ytterbium	172-1	50	58	83	64	27.16	cps
Ytterbium	176-1	842	742	892	825	9.26	cps
Yttrium	89-1	10204979	10367327	10321226	10297844	0.81	cps
Zinc	66-1	2853	2563	2293	2570	10.91	cps
Zirconium	90-1	450	450	383	428	9.00	cps
Zirconium	91-1	242	158	175	192	23.01	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 11:21:33	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	10254	9112	9483	9616	6.06	cps
Antimony	121-1	125	117	75	106	25.38	cps
Arsenic	75-1	783	942	927	884	9.94	cps
Barium	135-1	208	167	250	208	20.00	cps
Barium	137-1	283	308	308	300	4.81	cps
Beryllium	9-1	202	166	220	196	14.03	cps
Bismuth	209-1	4786553	4964292	4843585	4864810	1.87	cps
Boron	10-1	218	278	262	253	12.30	cps
Bromine	81-1	1852	2002	1912	1922	3.93	cps
Cadmium	106-1	2234	2042	2134	2136	4.49	cps
Cadmium	108-1	58	63	46	56	15.62	cps
Cadmium	111-1	1585	1423	1520	1509	5.40	cps
Calcium	43-1	537	477	524	513	6.13	cps
Calcium	44-1	27967	27491	27593	27684	0.91	cps
Carbon	12-1	2063504	1981128	2045551	2030061	2.13	cps
Chlorine	35-1	63440	64729	62577	63582	1.70	cps
Chromium	52-1	10885	10204	10875	10655	3.66	cps
Cobalt	59-1	2913	3124	2793	2943	5.68	cps
Copper	63-1	18138	18232	17941	18104	0.82	cps
Dysprosium	156-1	1458	1325	1458	1414	5.45	cps
Erbium	164-1	33	58	75	56	37.75	cps
Gadolinium	160-1	83	25	17	42	87.18	cps
Holmium	165-1	7286368	7247967	7144848	7226394	1.01	cps
Indium	115-1	6035572	5955355	5976237	5989055	0.69	cps
Iron	54-1						cps
Iron	56-1	1478371	1501936	1486733	1489013	0.80	cps
Iron	57-1	46362	44163	44916	45147	2.48	cps
Krypton	83-1	220	260	303	261	15.96	cps
Lead	206-1	539	600	406	515	19.31	cps
Lead	207-1	444	422	511	459	10.07	cps
Lead	208-1	2106	2172	2133	2137	1.57	cps
Lithium	6-1	2432054	2370783	2380767	2394535	1.37	cps
Magnesium	24-1	144444	143111	140119	142558	1.55	cps
Manganese	55-1	19113	19794	18682	19196	2.92	cps
Molybdenum	94-1	275	308	192	258	23.26	cps
Molybdenum	95-1	367	275	283	308	16.44	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 11:21:33	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	392	542	392	442	19.61	cps
Molybdenum	97-1	225	167	92	161	41.49	cps
Molybdenum	98-1	383	408	417	403	4.31	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Nickel	60-1	3234	2653	2663	2850	11.66	cps
Phosphorus	31-1	28848	27976	28748	28524	1.67	cps
Potassium	39-1	3501857	3495128	3510841	3502608	0.23	cps
Rhodium	103-1	5441795	5444979	5420041	5435605	0.25	cps
Scandium	45-1	3853075	3931515	3844037	3876209	1.24	cps
Selenium	82-1	-11	-33	-71	-38	-78.64	cps
Selenium	77-1	37	39	37	38	2.05	cps
Selenium	78-1	76156	75906	75967	76009	0.17	cps
Silicon	28-1	615906	620346	615646	617299	0.43	cps
Silver	107-1	50	50	117	72	53.30	cps
Silver	109-1	58	42	25	42	40.00	cps
Sodium	23-1	2376332	2364363	2330620	2357105	1.01	cps
Strontium	86-1	1125	1092	1183	1133	4.09	cps
Strontium	88-1	7035	6994	7310	7113	2.42	cps
Sulfur	34-1	521507	516517	524165	520729	0.75	cps
Terbium	159-1	7595654	7520749	7575146	7563850	0.51	cps
Thallium	203-1	125	117	125	122	3.94	cps
Thallium	205-1	258	242	250	250	3.33	cps
Tin	118-1	517	517	550	528	3.65	cps
Titanium	47-1	342	358	325	342	4.88	cps
Uranium	238-1	133	100	142	125	17.64	cps
Vanadium	51-1	100	280	130	170	56.73	cps
Ytterbium	172-1	50	25	33	36	35.25	cps
Ytterbium	176-1	608	567	558	578	4.64	cps
Yttrium	89-1	10174881	10250586	10080837	10168768	0.84	cps
Zinc	66-1	711	531	861	701	23.60	cps
Zirconium	90-1	317	325	292	311	5.58	cps
Zirconium	91-1	142	133	83	119	26.41	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 11:27:38	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	220844	223069	222083	221999	0.50	cps
Antimony	121-1	15384	15809	16076	15757	2.22	cps
Arsenic	75-1	2956	3091	2897	2981	3.32	cps
Barium	135-1	16444	16419	16210	16357	0.78	cps
Barium	137-1	28272	29023	29700	28998	2.46	cps
Beryllium	9-1	2288	2494	2440	2407	4.44	cps
Bismuth	209-1	4889319	4939294	4878980	4902531	0.66	cps
Boron	10-1	1470	1450	1566	1495	4.15	cps
Bromine	81-1	1862	2062	2042	1989	5.55	cps
Cadmium	106-1	2267	2417	2217	2300	4.53	cps
Cadmium	108-1	179	200	167	182	9.25	cps
Cadmium	111-1	3103	3452	3223	3259	5.44	cps
Calcium	43-1	10917	10789	10625	10777	1.36	cps
Calcium	44-1	193168	193097	192669	192978	0.14	cps
Carbon	12-1	2094642	2042306	2043965	2060304	1.44	cps
Chlorine	35-1	65247	65381	65716	65448	0.37	cps
Chromium	52-1	34326	34126	32902	33785	2.28	cps
Cobalt	59-1	16506	16537	16978	16674	1.58	cps
Copper	63-1	32801	32400	32460	32554	0.66	cps
Dysprosium	156-1	1200	1258	1208	1222	2.58	cps
Erbium	164-1	58	50	33	47	26.97	cps
Gadolinium	160-1	17	50	75	47	61.97	cps
Holmium	165-1	7312649	7321693	7213890	7282744	0.82	cps
Indium	115-1	5943102	5993822	6051876	5996267	0.91	cps
Iron	54-1						cps
Iron	56-1	2214375	2187152	2182162	2194563	0.79	cps
Iron	57-1	61765	62792	62811	62456	0.96	cps
Krypton	83-1	230	233	203	222	7.40	cps
Lead	206-1	5718	6129	5507	5785	5.47	cps
Lead	207-1	4762	5123	4923	4936	3.67	cps
Lead	208-1	22180	23447	22608	22745	2.83	cps
Lithium	6-1	2402175	2419264	2346798	2389412	1.59	cps
Magnesium	24-1	4831721	4800526	4784289	4805512	0.50	cps
Manganese	55-1	34567	33945	35129	34547	1.71	cps
Molybdenum	94-1	13624	12714	13640	13326	3.98	cps
Molybdenum	95-1	16477	17119	16652	16749	1.98	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 11:27:38	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	17728	18663	18429	18274	2.66	cps
Molybdenum	97-1	10621	10404	10438	10488	1.11	cps
Molybdenum	98-1	26776	26835	26267	26626	1.17	cps
Neodymium	150-1	13	27	0	13	100.01	cps
Nickel	60-1	5687	5336	5537	5520	3.19	cps
Phosphorus	31-1	45246	44223	45347	44939	1.38	cps
Potassium	39-1	8998514	9021375	9053169	9024353	0.30	cps
Rhodium	103-1	5462094	5440340	5455026	5452487	0.20	cps
Scandium	45-1	3901678	3888836	3852795	3881103	0.65	cps
Selenium	82-1	481	528	540	516	6.00	cps
Selenium	77-1	469	437	449	452	3.57	cps
Selenium	78-1	77042	77234	77266	77181	0.16	cps
Silicon	28-1	635242	636556	640622	637473	0.44	cps
Silver	107-1	8686	8361	8028	8358	3.94	cps
Silver	109-1	8169	8003	7344	7839	5.57	cps
Sodium	23-1	8510528	8627996	8494209	8544245	0.85	cps
Strontium	86-1	3509	3767	3300	3526	6.63	cps
Strontium	88-1	25841	25432	26041	25772	1.20	cps
Sulfur	34-1	540557	538214	539137	539303	0.22	cps
Terbium	159-1	7522508	7566497	7631593	7573532	0.72	cps
Thallium	203-1	6385	6635	6602	6541	2.08	cps
Thallium	205-1	15752	15768	15977	15832	0.79	cps
Tin	118-1	27044	27069	27620	27244	1.20	cps
Titanium	47-1	5243	5118	4968	5109	2.70	cps
Uranium	238-1	18447	18823	18906	18725	1.31	cps
Vanadium	51-1	68100	67144	68764	68003	1.20	cps
Ytterbium	172-1	33	42	75	50	44.10	cps
Ytterbium	176-1	658	633	600	631	4.64	cps
Yttrium	89-1	10313102	10203827	10091988	10202972	1.08	cps
Zinc	66-1	10605	11096	10094	10598	4.73	cps
Zirconium	90-1	11822	11905	11780	11836	0.54	cps
Zirconium	91-1	2734	2642	2809	2728	3.06	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 11:30:39	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	10728590	10726959	10699762	10718437	0.15	cps
Antimony	121-1	374909	381603	381544	379352	1.01	cps
Arsenic	75-1	100134	99777	99261	99724	0.44	cps
Barium	135-1	405065	411674	407759	408166	0.81	cps
Barium	137-1	705577	715493	712610	711227	0.72	cps
Beryllium	9-1	109005	109361	109123	109163	0.17	cps
Bismuth	209-1	4860393	4925750	4848353	4878165	0.85	cps
Boron	10-1	12959	13598	14336	13631	5.06	cps
Bromine	81-1	1852	2002	2152	2002	7.50	cps
Cadmium	106-1	10996	11730	11188	11305	3.37	cps
Cadmium	108-1	6452	6306	6793	6517	3.84	cps
Cadmium	111-1	87684	87952	88631	88089	0.55	cps
Calcium	43-1	99949	100682	100364	100332	0.37	cps
Calcium	44-1	1702872	1706889	1684091	1697951	0.72	cps
Carbon	12-1	2210946	2145644	2159578	2172056	1.58	cps
Chlorine	35-1	67391	69760	69869	69006	2.03	cps
Chromium	52-1	589816	595602	593791	593070	0.50	cps
Cobalt	59-1	637796	642598	645829	642074	0.63	cps
Copper	63-1	3518471	3593689	3610202	3574120	1.37	cps
Dysprosium	156-1	1300	1208	1417	1308	7.98	cps
Erbium	164-1	33	25	50	36	35.25	cps
Gadolinium	160-1	42	33	42	39	12.38	cps
Holmium	165-1	7313318	7447349	7257065	7339244	1.33	cps
Indium	115-1	5992016	5997564	5934243	5974608	0.59	cps
Iron	54-1						cps
Iron	56-1	33678853	33893574	33713113	33761846	0.34	cps
Iron	57-1	817897	825784	823461	822381	0.49	cps
Krypton	83-1	187	227	287	233	21.57	cps
Lead	206-1	1295651	1309953	1305964	1303856	0.57	cps
Lead	207-1	1119997	1134862	1124114	1126324	0.68	cps
Lead	208-1	5309669	5359351	5340951	5336657	0.47	cps
Lithium	6-1	2388727	2402123	2359578	2383476	0.91	cps
Magnesium	24-1	45513726	45460131	45572020	45515292	0.12	cps
Manganese	55-1	7820973	7833667	7849027	7834556	0.18	cps
Molybdenum	94-1	1110175	1119986	1111725	1113962	0.47	cps
Molybdenum	95-1	1641990	1663777	1633416	1646394	0.95	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 11:30:39	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	1816394	1819927	1802928	1813083	0.49	cps
Molybdenum	97-1	1005652	1005890	1002472	1004671	0.19	cps
Molybdenum	98-1	2688918	2687862	2703294	2693358	0.32	cps
Neodymium	150-1	33	33	40	36	10.83	cps
Nickel	60-1	146523	144824	145967	145772	0.59	cps
Phosphorus	31-1	540066	543027	541806	541633	0.27	cps
Potassium	39-1	30237929	30583059	30211552	30344180	0.68	cps
Rhodium	103-1	5420931	5346289	5480254	5415825	1.24	cps
Scandium	45-1	3959248	3881075	3922814	3921046	1.00	cps
Selenium	82-1	5228	5207	5268	5234	0.59	cps
Selenium	77-1	4185	4173	4220	4193	0.58	cps
Selenium	78-1	89009	88958	88915	88961	0.05	cps
Silicon	28-1	1129821	1134161	1142268	1135416	0.56	cps
Silver	107-1	423371	426712	427957	426014	0.56	cps
Silver	109-1	400171	406028	410651	405617	1.29	cps
Sodium	23-1	63250148	62525381	62888481	62888003	0.58	cps
Strontium	86-1	105227	105933	106009	105723	0.41	cps
Strontium	88-1	916427	916372	921530	918110	0.32	cps
Sulfur	34-1	565202	565552	567839	566198	0.25	cps
Terbium	159-1	7622436	7734803	7671557	7676265	0.73	cps
Thallium	203-1	320618	320162	319493	320091	0.18	cps
Thallium	205-1	764899	771089	775876	770621	0.71	cps
Tin	118-1	260891	262550	266397	263279	1.07	cps
Titanium	47-1	477179	485221	481686	481362	0.84	cps
Uranium	238-1	940119	949304	964050	951158	1.27	cps
Vanadium	51-1	673547	678742	669850	674046	0.66	cps
Ytterbium	172-1	33	33	42	36	13.33	cps
Ytterbium	176-1	2175	2275	1850	2100	10.58	cps
Yttrium	89-1	10266885	10070195	10141460	10159514	0.98	cps
Zinc	66-1	916909	918334	910649	915298	0.45	cps
Zirconium	90-1	548331	551684	550882	550299	0.32	cps
Zirconium	91-1	122863	125815	122577	123752	1.45	cps

LB Number : LB134818 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired : 2025-02-26 11:33:42 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	26754246	26686233	26540398	26660292	0.41	cps
Antimony	121-1	935805	944009	934650	938155	0.54	cps
Arsenic	75-1	244845	245938	242166	244316	0.79	cps
Barium	135-1	1002295	1016876	1012488	1010553	0.74	cps
Barium	137-1	1784807	1812918	1836951	1811559	1.44	cps
Beryllium	9-1	265537	268475	268950	267654	0.69	cps
Bismuth	209-1	4836763	4819857	4893267	4849963	0.79	cps
Boron	10-1	32377	34451	35654	34161	4.85	cps
Bromine	81-1	1812	1922	1912	1882	3.24	cps
Cadmium	106-1	24957	24706	23654	24439	2.83	cps
Cadmium	108-1	15997	16568	16272	16279	1.76	cps
Cadmium	111-1	214424	213282	214614	214107	0.34	cps
Calcium	43-1	246360	247788	247046	247065	0.29	cps
Calcium	44-1	4179483	4136217	4204077	4173259	0.82	cps
Carbon	12-1	2260841	2235828	2218616	2238429	0.95	cps
Chlorine	35-1	69509	68186	69115	68937	0.99	cps
Chromium	52-1	1459876	1491048	1462069	1470998	1.18	cps
Cobalt	59-1	1633945	1646748	1638535	1639743	0.40	cps
Copper	63-1	8683606	8855198	8637920	8725574	1.31	cps
Dysprosium	156-1	1092	1342	1175	1203	10.58	cps
Erbium	164-1	42	25	75	47	53.91	cps
Gadolinium	160-1	117	83	75	92	24.05	cps
Holmium	165-1	7298486	7319920	7391855	7336754	0.67	cps
Indium	115-1	5963436	5902849	5924967	5930417	0.52	cps
Iron	54-1						cps
Iron	56-1	80042094	80569992	80616629	80409572	0.40	cps
Iron	57-1	1982335	2008466	1966848	1985883	1.06	cps
Krypton	83-1	240	250	267	252	5.34	cps
Lead	206-1	3421349	3501173	3445513	3456012	1.18	cps
Lead	207-1	2956926	2959029	2947790	2954581	0.20	cps
Lead	208-1	13540618	13632980	13627604	13600401	0.38	cps
Lithium	6-1	2343595	2369823	2374643	2362687	0.71	cps
Magnesium	24-1	113030662	113012496	111894163	112645773	0.58	cps
Manganese	55-1	19053634	19324100	19431187	19269640	1.01	cps
Molybdenum	94-1	2801606	2789371	2842738	2811238	0.99	cps
Molybdenum	95-1	4107382	4109541	4129341	4115422	0.29	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 11:33:42	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	4434931	4488652	4509906	4477830	0.86	cps
Molybdenum	97-1	2513910	2576797	2587297	2559335	1.55	cps
Molybdenum	98-1	6534758	6654087	6675091	6621312	1.14	cps
Neodymium	150-1	47	60	27	44	37.74	cps
Nickel	60-1	350488	351456	350897	350947	0.14	cps
Phosphorus	31-1	1292459	1287265	1307714	1295813	0.82	cps
Potassium	39-1	70241084	69938689	69800000	69993257	0.32	cps
Rhodium	103-1	5336636	5323303	5420674	5360205	0.98	cps
Scandium	45-1	3922196	3885636	3893004	3900279	0.50	cps
Selenium	82-1	12967	13056	12984	13002	0.36	cps
Selenium	77-1	10247	10310	10274	10277	0.31	cps
Selenium	78-1	108046	108204	108558	108269	0.24	cps
Silicon	28-1	1880844	1888284	1912320	1893816	0.87	cps
Silver	107-1	1055802	1063277	1058260	1059113	0.36	cps
Silver	109-1	1005783	1012430	1015390	1011201	0.49	cps
Sodium	23-1	151706646	154265055	153707712	153226471	0.88	cps
Strontium	86-1	261596	258795	259013	259802	0.60	cps
Strontium	88-1	2316862	2371179	2345410	2344484	1.16	cps
Sulfur	34-1	600350	597941	592518	596936	0.67	cps
Terbium	159-1	7664848	7666153	7590414	7640471	0.57	cps
Thallium	203-1	790699	803704	801364	798589	0.87	cps
Thallium	205-1	1998486	1994739	1980987	1991404	0.46	cps
Tin	118-1	644133	654504	652116	650251	0.84	cps
Titanium	47-1	1185295	1188976	1188867	1187713	0.18	cps
Uranium	238-1	2443145	2501492	2487649	2477429	1.23	cps
Vanadium	51-1	1725779	1706899	1719131	1717270	0.56	cps
Ytterbium	172-1	108	50	67	75	40.06	cps
Ytterbium	176-1	4151	4151	4259	4187	1.49	cps
Yttrium	89-1	10212183	10112678	10151460	10158774	0.49	cps
Zinc	66-1	2352242	2341950	2343120	2345770	0.24	cps
Zirconium	90-1	1416893	1422357	1402733	1413994	0.72	cps
Zirconium	91-1	303503	308185	304353	305347	0.82	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 11:36:44	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	53105633	53583119	54131496	53606749	0.96	cps
Antimony	121-1	1948135	1919920	1949780	1939278	0.87	cps
Arsenic	75-1	480943	489584	489623	486717	1.03	cps
Barium	135-1	2076517	2085972	2099795	2087428	0.56	cps
Barium	137-1	3591457	3622036	3644742	3619412	0.74	cps
Beryllium	9-1	523550	524912	528093	525518	0.44	cps
Bismuth	209-1	4815421	4848920	4776957	4813766	0.75	cps
Boron	10-1	66403	70013	71029	69148	3.52	cps
Bromine	81-1	1962	1812	2132	1969	8.14	cps
Cadmium	106-1	46086	46027	45994	46036	0.10	cps
Cadmium	108-1	31590	31841	31987	31806	0.63	cps
Cadmium	111-1	420643	419521	423996	421387	0.55	cps
Calcium	43-1	489374	495225	493608	492736	0.61	cps
Calcium	44-1	8031425	8219409	8284547	8178460	1.61	cps
Carbon	12-1	2304620	2332106	2339931	2325552	0.80	cps
Chlorine	35-1	70162	71979	71167	71103	1.28	cps
Chromium	52-1	2904926	2938299	2968935	2937387	1.09	cps
Cobalt	59-1	3240314	3211294	3285562	3245723	1.15	cps
Copper	63-1	17262495	17413206	17482051	17385917	0.65	cps
Dysprosium	156-1	1142	1483	1342	1322	12.98	cps
Erbium	164-1	83	25	42	50	60.09	cps
Gadolinium	160-1	42	17	67	42	60.00	cps
Holmium	165-1	7420398	7285499	7241872	7315923	1.27	cps
Indium	115-1	5964030	5865284	5822620	5883978	1.23	cps
Iron	54-1						cps
Iron	56-1	158546576	161437472	160914459	160299502	0.96	cps
Iron	57-1	3836259	3853321	3855156	3848245	0.27	cps
Krypton	83-1	267	263	237	256	6.43	cps
Lead	206-1	6799300	6822788	6928385	6850157	1.00	cps
Lead	207-1	5845398	5879704	5951125	5892076	0.92	cps
Lead	208-1	26700440	26824470	27301440	26942117	1.18	cps
Lithium	6-1	2381612	2346485	2346882	2358326	0.86	cps
Magnesium	24-1	222653536	223352375	224096178	223367363	0.32	cps
Manganese	55-1	38248885	38938221	39026872	38737992	1.10	cps
Molybdenum	94-1	5573422	5562924	5665197	5600514	1.00	cps
Molybdenum	95-1	8169655	8262742	8228958	8220452	0.57	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 11:36:44	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	8913571	8993390	8992661	8966541	0.51	cps
Molybdenum	97-1	5053078	5047828	5134611	5078506	0.96	cps
Molybdenum	98-1	13245456	13383206	13362754	13330472	0.56	cps
Neodymium	150-1	80	100	140	107	28.64	cps
Nickel	60-1	689293	695352	705555	696733	1.18	cps
Phosphorus	31-1	2506016	2527322	2559455	2530931	1.06	cps
Potassium	39-1	135978193	136516467	136945351	136480004	0.36	cps
Rhodium	103-1	5281866	5306735	5284810	5291137	0.26	cps
Scandium	45-1	3870310	3873861	3873328	3872500	0.05	cps
Selenium	82-1	25608	25928	25984	25840	0.78	cps
Selenium	77-1	20117	20254	20431	20268	0.78	cps
Selenium	78-1	139002	140461	140910	140124	0.71	cps
Silicon	28-1	3096321	3098668	3196840	3130610	1.83	cps
Silver	107-1	2176025	2206277	2232677	2204993	1.29	cps
Silver	109-1	2085879	2106845	2058578	2083767	1.16	cps
Sodium	23-1	302588658	303213263	304231291	303344404	0.27	cps
Strontium	86-1	516969	520327	516189	517829	0.42	cps
Strontium	88-1	4631161	4604882	4617882	4617975	0.28	cps
Sulfur	34-1	656447	660445	652240	656377	0.63	cps
Terbium	159-1	7626733	7643941	7564158	7611611	0.55	cps
Thallium	203-1	1586574	1595117	1602222	1594638	0.49	cps
Thallium	205-1	3856445	3905281	3910761	3890829	0.77	cps
Tin	118-1	1287520	1304667	1314126	1302104	1.04	cps
Titanium	47-1	2390953	2425325	2469801	2428693	1.63	cps
Uranium	238-1	4927764	4873681	4912517	4904654	0.57	cps
Vanadium	51-1	3346117	3432085	3455952	3411384	1.69	cps
Ytterbium	172-1	75	75	92	81	11.95	cps
Ytterbium	176-1	7477	7461	8295	7744	6.16	cps
Yttrium	89-1	10180127	10300882	10005707	10162238	1.46	cps
Zinc	66-1	4677931	4647901	4653497	4659776	0.34	cps
Zirconium	90-1	2809159	2770389	2850257	2809935	1.42	cps
Zirconium	91-1	610666	609166	608850	609561	0.16	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 11:39:48	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	104700825	107062466	105820509	105861267	1.12	cps
Antimony	121-1	3848723	3811586	3835545	3831951	0.49	cps
Arsenic	75-1	961581	963823	960396	961933	0.18	cps
Barium	135-1	4171887	4149888	4092844	4138206	0.99	cps
Barium	137-1	7039467	7149676	6956688	7048611	1.37	cps
Beryllium	9-1	1060644	1092726	1074742	1076037	1.49	cps
Bismuth	209-1	4880328	4937438	4832522	4883429	1.08	cps
Boron	10-1	132441	138670	139926	137013	2.93	cps
Bromine	81-1	1992	2042	2152	2062	3.97	cps
Cadmium	106-1	88986	87586	87476	88016	0.96	cps
Cadmium	108-1	62511	61771	62516	62266	0.69	cps
Cadmium	111-1	818764	834947	827697	827136	0.98	cps
Calcium	43-1	965658	964667	965698	965341	0.06	cps
Calcium	44-1	15984160	16302758	16465640	16250853	1.51	cps
Carbon	12-1	2458504	2525230	2535357	2506364	1.67	cps
Chlorine	35-1	72364	74592	75313	74090	2.07	cps
Chromium	52-1	5679050	5833517	5730494	5747687	1.37	cps
Cobalt	59-1	6289727	6318177	6432858	6346921	1.19	cps
Copper	63-1	33535435	34388496	33388906	33770946	1.60	cps
Dysprosium	156-1	1467	1158	1392	1339	12.01	cps
Erbium	164-1	83	92	108	94	13.48	cps
Gadolinium	160-1	67	83	167	106	50.75	cps
Holmium	165-1	7446209	7558969	7502210	7502463	0.75	cps
Indium	115-1	5961383	6030550	5969551	5987161	0.63	cps
Iron	54-1						cps
Iron	56-1	314832411	316202702	314952672	315329261	0.24	cps
Iron	57-1	7441676	7464243	7549840	7485253	0.76	cps
Krypton	83-1	227	213	227	222	3.46	cps
Lead	206-1	13435454	13368508	13317478	13373813	0.44	cps
Lead	207-1	11422128	11380513	11455333	11419325	0.33	cps
Lead	208-1	52560939	52874722	53027837	52821166	0.45	cps
Lithium	6-1	2376197	2355197	2440442	2390612	1.86	cps
Magnesium	24-1	436314169	445227832	446589073	442710358	1.26	cps
Manganese	55-1	76525012	76803203	76140660	76489625	0.43	cps
Molybdenum	94-1	10905977	11220410	11217208	11114532	1.63	cps
Molybdenum	95-1	16186211	16524115	16515142	16408489	1.17	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 11:39:48	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	17587039	18067182	18006156	17886792	1.46	cps
Molybdenum	97-1	9944226	10174933	10068622	10062594	1.15	cps
Molybdenum	98-1	25989440	27011420	26523854	26508238	1.93	cps
Neodymium	150-1	200	253	300	251	19.93	cps
Nickel	60-1	1352132	1376671	1353462	1360755	1.01	cps
Phosphorus	31-1	4915117	5002148	4972570	4963278	0.89	cps
Potassium	39-1	263149580	265645266	268329390	265708079	0.97	cps
Rhodium	103-1	5434761	5327839	5359280	5373960	1.02	cps
Scandium	45-1	3912527	3966434	3919418	3932793	0.75	cps
Selenium	82-1	50805	51246	51275	51109	0.52	cps
Selenium	77-1	39570	39920	39837	39776	0.46	cps
Selenium	78-1	201556	203554	203939	203016	0.63	cps
Silicon	28-1	5462226	5544381	5594690	5533766	1.21	cps
Silver	107-1	4279563	4240771	4172241	4230858	1.28	cps
Silver	109-1	4003233	4004219	4057875	4021776	0.78	cps
Sodium	23-1	592701080	602603102	590613252	595305812	1.08	cps
Strontium	86-1	1012085	1014052	1024352	1016830	0.65	cps
Strontium	88-1	9056098	9136678	9235451	9142742	0.98	cps
Sulfur	34-1	802030	793893	790405	795443	0.75	cps
Terbium	159-1	7686915	7850851	7848874	7795546	1.21	cps
Thallium	203-1	3248400	3273117	3289999	3270506	0.64	cps
Thallium	205-1	7681775	7756074	7759829	7732560	0.57	cps
Tin	118-1	2662685	2598680	2648720	2636695	1.28	cps
Titanium	47-1	4747041	4807424	4774840	4776435	0.63	cps
Uranium	238-1	9586407	9611325	9462622	9553451	0.83	cps
Vanadium	51-1	6750623	6793463	6720576	6754888	0.54	cps
Ytterbium	172-1	108	125	100	111	11.46	cps
Ytterbium	176-1	14951	14575	15209	14912	2.14	cps
Yttrium	89-1	10399054	10275355	10557537	10410649	1.36	cps
Zinc	66-1	9031403	9022128	9005629	9019720	0.14	cps
Zirconium	90-1	5547620	5525067	5643531	5572073	1.13	cps
Zirconium	91-1	1192122	1208857	1224274	1208418	1.33	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 11:42:50	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	210743997	214753491	217495633	214331040	1.58	cps
Antimony	121-1	7570616	7721125	7788241	7693327	1.45	cps
Arsenic	75-1	1995030	2059326	2039608	2031322	1.62	cps
Barium	135-1	8147570	8279949	8313918	8247145	1.07	cps
Barium	137-1	14118364	14323145	14354702	14265404	0.90	cps
Beryllium	9-1	2095496	2113201	2131533	2113410	0.85	cps
Bismuth	209-1	4891391	4886993	4931653	4903345	0.50	cps
Boron	10-1	261292	270904	273296	268497	2.37	cps
Bromine	81-1	2172	1932	2162	2089	6.51	cps
Cadmium	106-1	170972	172560	170939	171491	0.54	cps
Cadmium	108-1	120487	122185	122479	121717	0.88	cps
Cadmium	111-1	1683048	1707825	1667014	1685962	1.22	cps
Calcium	43-1	2013774	2033285	2033830	2026963	0.56	cps
Calcium	44-1	32050747	32884476	32970837	32635354	1.56	cps
Carbon	12-1	2884204	3016654	3088358	2996405	3.46	cps
Chlorine	35-1	84270	84130	85938	84779	1.19	cps
Chromium	52-1	11384219	11616472	11792329	11597673	1.77	cps
Cobalt	59-1	12541221	12617523	12795762	12651502	1.03	cps
Copper	63-1	65945116	67393092	68011037	67116415	1.58	cps
Dysprosium	156-1	1483	1567	1367	1472	6.82	cps
Erbium	164-1	133	142	167	147	11.79	cps
Gadolinium	160-1	75	125	133	111	28.40	cps
Holmium	165-1	7543251	7649155	7709550	7633985	1.10	cps
Indium	115-1	5913016	5973992	6053953	5980320	1.18	cps
Iron	54-1						cps
Iron	56-1	630989687	633208526	640839497	635012570	0.81	cps
Iron	57-1	14947094	15101636	15348403	15132378	1.34	cps
Krypton	83-1	273	290	290	284	3.38	cps
Lead	206-1	26211236	26611408	27232451	26685031	1.93	cps
Lead	207-1	22521594	22774466	23002796	22766285	1.06	cps
Lead	208-1	103812761	105350790	106535461	105233004	1.30	cps
Lithium	6-1	2370209	2416812	2430155	2405725	1.31	cps
Magnesium	24-1	872169799	896711180	903986735	890955905	1.87	cps
Manganese	55-1	151815795	152844559	155792147	153484167	1.34	cps
Molybdenum	94-1	22209942	22705551	22731533	22549008	1.30	cps
Molybdenum	95-1	32465397	32821828	33247486	32844904	1.19	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 11:42:50	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	35688354	36255703	36621537	36188531	1.30	cps
Molybdenum	97-1	20081544	20582461	20591280	20418428	1.43	cps
Molybdenum	98-1	52580104	53398678	53389665	53122816	0.88	cps
Neodymium	150-1	360	487	493	447	16.82	cps
Nickel	60-1	2821909	2876336	2893801	2864015	1.31	cps
Phosphorus	31-1	9777829	10062083	10052779	9964230	1.62	cps
Potassium	39-1	529642944	540557058	542115877	537438626	1.26	cps
Rhodium	103-1	5373709	5443353	5474418	5430493	0.95	cps
Scandium	45-1	4011668	4110865	4077013	4066515	1.24	cps
Selenium	82-1	100094	100510	100612	100405	0.27	cps
Selenium	77-1	78070	78348	78288	78235	0.19	cps
Selenium	78-1	323919	325965	327321	325735	0.53	cps
Silicon	28-1	9989971	10123914	10180904	10098263	0.97	cps
Silver	107-1	8285042	8276870	8436593	8332835	1.08	cps
Silver	109-1	7929372	8028470	8056678	8004840	0.84	cps
Sodium	23-1	1171940459	1201069747	1216646404	1196552203	1.90	cps
Strontium	86-1	2102688	2170386	2175269	2149448	1.89	cps
Strontium	88-1	18186514	18567341	18791512	18515122	1.65	cps
Sulfur	34-1	993742	1010281	1036085	1013369	2.11	cps
Terbium	159-1	7823996	8007823	7941767	7924529	1.18	cps
Thallium	203-1	6381726	6435413	6566966	6461368	1.48	cps
Thallium	205-1	15295727	15157264	15468542	15307178	1.02	cps
Tin	118-1	5183814	5201223	5312087	5232375	1.33	cps
Titanium	47-1	9499498	9771031	9802006	9690845	1.72	cps
Uranium	238-1	19039395	19246857	19526191	19270814	1.27	cps
Vanadium	51-1	13486779	13648479	13775351	13636870	1.06	cps
Ytterbium	172-1	183	117	200	167	26.46	cps
Ytterbium	176-1	29266	28974	29926	29389	1.66	cps
Yttrium	89-1	10477983	10917677	10759293	10718317	2.08	cps
Zinc	66-1	17826995	18115947	18313980	18085640	1.35	cps
Zirconium	90-1	11147408	11546006	11378271	11357228	1.76	cps
Zirconium	91-1	2545713	2579399	2578827	2567980	0.75	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 11:45:54	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	1052045488	1059387150	1055667150	1055699929	0.35	cps
Antimony	121-1	4126	4709	4351	4395	6.70	cps
Arsenic	75-1	2021	1790	1872	1894	6.18	cps
Barium	135-1	5501	5493	5510	5501	0.15	cps
Barium	137-1	9479	9128	9253	9287	1.91	cps
Beryllium	9-1	1216	1050	1000	1088	10.39	cps
Bismuth	209-1	4549204	4697801	4689241	4645415	1.80	cps
Boron	10-1	9879	8381	7616	8626	13.35	cps
Bromine	81-1	2012	2513	2263	2263	11.06	cps
Cadmium	106-1	1950	1909	1917	1925	1.15	cps
Cadmium	108-1	242	188	267	232	17.45	cps
Cadmium	111-1	1938	1930	1959	1942	0.79	cps
Calcium	43-1	9854942	9896884	9873979	9875268	0.21	cps
Calcium	44-1	159384557	160349837	160062742	159932379	0.31	cps
Carbon	12-1	3125214	3349110	3508095	3327473	5.78	cps
Chlorine	35-1	69458	67633	68085	68392	1.39	cps
Chromium	52-1	44685	44283	44886	44618	0.69	cps
Cobalt	59-1	32791	31989	31587	32122	1.91	cps
Copper	63-1	50847	49104	49061	49671	2.05	cps
Dysprosium	156-1	1317	1734	1600	1550	13.73	cps
Erbium	164-1	300	250	292	281	9.55	cps
Gadolinium	160-1	275	367	308	317	14.65	cps
Holmium	165-1	7544770	7645573	7538656	7576333	0.79	cps
Indium	115-1	5912570	5977878	5919147	5936532	0.61	cps
Iron	54-1						cps
Iron	56-1	3044803817	3058646058	3100972143	3068140673	0.95	cps
Iron	57-1	72351479	73504567	73204995	73020347	0.82	cps
Krypton	83-1	263	250	257	257	2.60	cps
Lead	206-1	5979	6313	6224	6172	2.80	cps
Lead	207-1	5562	5373	5223	5386	3.15	cps
Lead	208-1	24170	25138	23764	24357	2.90	cps
Lithium	6-1	2318390	2363449	2331608	2337816	0.99	cps
Magnesium	24-1	4356876243	4378709115	4395647493	4377077617	0.44	cps
Manganese	55-1	117408	110202	108962	112191	4.06	cps
Molybdenum	94-1	16518	16452	15701	16224	2.80	cps
Molybdenum	95-1	18054	17495	16869	17473	3.39	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 11:45:54	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	20407	19865	19514	19929	2.26	cps
Molybdenum	97-1	10413	10888	10571	10624	2.28	cps
Molybdenum	98-1	27302	26735	26735	26924	1.22	cps
Neodymium	150-1	193	213	167	191	12.25	cps
Nickel	60-1	14492	13891	13270	13884	4.40	cps
Phosphorus	31-1	28106	27935	27283	27775	1.56	cps
Potassium	39-1	2582588097	2607669418	2637786574	2609348029	1.06	cps
Rhodium	103-1	5171965	5229457	5202363	5201262	0.55	cps
Scandium	45-1	3990503	4050207	4048677	4029796	0.84	cps
Selenium	82-1	13	15	3	10	60.37	cps
Selenium	77-1	79	78	79	79	0.97	cps
Selenium	78-1	75365	75430	75265	75354	0.11	cps
Silicon	28-1	701820	684278	672576	686225	2.14	cps
Silver	107-1	1842	1400	1367	1536	17.26	cps
Silver	109-1	1542	1550	1508	1533	1.44	cps
Sodium	23-1	5669301902	5713868707	5785110347	5722760319	1.02	cps
Strontium	86-1	7094	6902	7060	7019	1.46	cps
Strontium	88-1	57854	58849	58716	58473	0.92	cps
Sulfur	34-1	498871	496893	498243	498002	0.20	cps
Terbium	159-1	7833189	7969944	7881966	7895033	0.88	cps
Thallium	203-1	750	708	667	708	5.88	cps
Thallium	205-1	1817	1650	1500	1656	9.57	cps
Tin	118-1	2400	2650	2400	2484	5.81	cps
Titanium	47-1	1617	1275	1500	1464	11.86	cps
Uranium	238-1	1150	758	992	967	20.38	cps
Vanadium	51-1	3824	3784	3594	3734	3.30	cps
Ytterbium	172-1	300	400	267	322	21.53	cps
Ytterbium	176-1	800	875	733	803	8.83	cps
Yttrium	89-1	10570547	10580743	10506403	10552564	0.38	cps
Zinc	66-1	12358	12929	12558	12615	2.30	cps
Zirconium	90-1	17386	17486	18463	17778	3.34	cps
Zirconium	91-1	3876	3934	4209	4006	4.44	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 12:01:25	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	5133846	5211643	5128448	5157979	0.90	cps
Antimony	121-1	1530417	1471121	1549162	1516900	2.69	cps
Arsenic	75-1	373234	376575	381734	377181	1.14	cps
Barium	135-1	163393	162920	162111	162808	0.40	cps
Barium	137-1	286203	287736	285811	286583	0.35	cps
Beryllium	9-1	199785	202515	202055	201452	0.73	cps
Bismuth	209-1	4796560	4791654	4838131	4808782	0.53	cps
Boron	10-1	982	874	876	911	6.78	cps
Bromine	81-1	2132	1832	2122	2029	8.41	cps
Cadmium	106-1	16093	17845	17170	17036	5.19	cps
Cadmium	108-1	14303	14149	13624	14025	2.54	cps
Cadmium	111-1	165633	171179	169316	168710	1.67	cps
Calcium	43-1	37852	38722	38216	38263	1.14	cps
Calcium	44-1	633162	638431	641520	637705	0.66	cps
Carbon	12-1	2758895	2807522	2758497	2774971	1.02	cps
Chlorine	35-1	58100	57047	57908	57685	0.97	cps
Chromium	52-1	1115102	1114174	1125949	1118408	0.59	cps
Cobalt	59-1	1214600	1222477	1242367	1226481	1.17	cps
Copper	63-1	679059	682464	687890	683138	0.65	cps
Dysprosium	156-1	1108	1117	992	1072	6.52	cps
Erbium	164-1	50	25	50	42	34.64	cps
Gadolinium	160-1	42	50	17	36	48.03	cps
Holmium	165-1	7292662	7135624	7151216	7193167	1.20	cps
Indium	115-1	5940947	5948220	5932570	5940579	0.13	cps
Iron	54-1						cps
Iron	56-1	26193469	26622561	26240878	26352303	0.89	cps
Iron	57-1	627827	642415	641117	637120	1.27	cps
Krypton	83-1	290	227	267	261	12.27	cps
Lead	206-1	1023354	1038857	1033448	1031886	0.76	cps
Lead	207-1	857759	860006	863326	860364	0.33	cps
Lead	208-1	4184307	4229991	4212996	4209098	0.55	cps
Lithium	6-1	2273039	2293153	2284411	2283535	0.44	cps
Magnesium	24-1	10003662	10102084	9964623	10023456	0.71	cps
Manganese	55-1	1560412	1589261	1589774	1579816	1.06	cps
Molybdenum	94-1	8321884	8331522	8384427	8345944	0.40	cps
Molybdenum	95-1	14853655	15009541	15068747	14977314	0.74	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 12:01:25	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	16049668	16177212	16099516	16108798	0.40	cps
Molybdenum	97-1	9126092	9298922	9234707	9219907	0.95	cps
Molybdenum	98-1	24038328	24433190	24250752	24240756	0.82	cps
Neodymium	150-1	60	33	33	42	36.47	cps
Nickel	60-1	272697	278066	280835	277199	1.49	cps
Phosphorus	31-1	25268	24817	25168	25084	0.94	cps
Potassium	39-1	23976169	24014757	24130680	24040535	0.33	cps
Rhodium	103-1	5395069	5448196	5377611	5406959	0.68	cps
Scandium	45-1	3793147	3858002	3861679	3837609	1.00	cps
Selenium	82-1	19898	20431	20163	20164	1.32	cps
Selenium	77-1	15508	15922	15852	15761	1.40	cps
Selenium	78-1	124060	124764	124897	124574	0.36	cps
Silicon	28-1	580433	587587	587646	585222	0.71	cps
Silver	107-1	374375	388796	389470	384214	2.22	cps
Silver	109-1	364074	369475	370111	367887	0.90	cps
Sodium	23-1	25242306	25212326	25337241	25263958	0.26	cps
Strontium	86-1	1750	1875	1859	1828	3.71	cps
Strontium	88-1	12673	12998	12998	12890	1.46	cps
Sulfur	34-1	470264	478828	472788	473960	0.93	cps
Terbium	159-1	7519389	7588311	7560133	7555944	0.46	cps
Thallium	203-1	1234916	1255270	1261793	1250659	1.12	cps
Thallium	205-1	3072951	3134414	3050689	3086018	1.41	cps
Tin	118-1	875	1058	808	914	14.17	cps
Titanium	47-1	767	725	775	756	3.55	cps
Uranium	238-1	308	317	267	297	9.01	cps
Vanadium	51-1	1283505	1313287	1316662	1304485	1.40	cps
Ytterbium	172-1	50	42	25	39	32.73	cps
Ytterbium	176-1	542	508	517	522	3.32	cps
Yttrium	89-1	10052844	10132678	10064801	10083441	0.43	cps
Zinc	66-1	345903	349679	352693	349425	0.97	cps
Zirconium	90-1	450	317	567	444	28.15	cps
Zirconium	91-1	508	542	483	511	5.73	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 12:05:19	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	10044	10044	10044	10044	0.00	cps
Antimony	121-1	508	458	492	486	5.24	cps
Arsenic	75-1	1020	962	896	959	6.49	cps
Barium	135-1	458	350	333	381	17.83	cps
Barium	137-1	692	700	825	739	10.11	cps
Beryllium	9-1	360	320	324	335	6.58	cps
Bismuth	209-1	4777993	4766012	4837877	4793961	0.80	cps
Boron	10-1	924	904	930	919	1.48	cps
Bromine	81-1	1982	1932	1722	1879	7.35	cps
Cadmium	106-1	1884	1800	1767	1817	3.31	cps
Cadmium	108-1	71	75	83	76	8.33	cps
Cadmium	111-1	1394	1299	1262	1318	5.16	cps
Calcium	43-1	446	456	460	454	1.57	cps
Calcium	44-1	23467	23225	23074	23255	0.85	cps
Carbon	12-1	1976264	1976093	1990645	1981001	0.42	cps
Chlorine	35-1	55825	55850	55658	55778	0.19	cps
Chromium	52-1	10585	10264	9733	10194	4.22	cps
Cobalt	59-1	3694	3354	2893	3314	12.13	cps
Copper	63-1	15452	14978	14881	15104	2.02	cps
Dysprosium	156-1	892	1025	1025	981	7.85	cps
Erbium	164-1	67	33	42	47	36.74	cps
Gadolinium	160-1	100	67	17	61	68.63	cps
Holmium	165-1	7201626	7136854	7192365	7176948	0.49	cps
Indium	115-1	5880597	5912665	5774128	5855797	1.24	cps
Iron	54-1						cps
Iron	56-1	1474763	1469000	1447275	1463679	0.99	cps
Iron	57-1	43039	42998	43460	43166	0.59	cps
Krypton	83-1	273	267	293	278	5.00	cps
Lead	206-1	1372	1306	1222	1300	5.78	cps
Lead	207-1	1045	1178	933	1052	11.64	cps
Lead	208-1	4878	5156	4489	4841	6.92	cps
Lithium	6-1	2217924	2294645	2275867	2262812	1.77	cps
Magnesium	24-1	98631	96707	96767	97368	1.12	cps
Manganese	55-1	22731	22631	22471	22611	0.58	cps
Molybdenum	94-1	517	425	517	486	10.89	cps
Molybdenum	95-1	608	483	425	506	18.53	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 12:05:19	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	850	725	567	714	19.89	cps
Molybdenum	97-1	383	392	467	414	11.09	cps
Molybdenum	98-1	975	1000	792	922	12.34	cps
Neodymium	150-1	7	40	27	24	68.62	cps
Nickel	60-1	2893	2863	2693	2817	3.83	cps
Phosphorus	31-1	26331	26572	26351	26418	0.51	cps
Potassium	39-1	3398618	3468029	3430399	3432349	1.01	cps
Rhodium	103-1	5347761	5398236	5292015	5346004	0.99	cps
Scandium	45-1	3815350	3815448	3802466	3811088	0.20	cps
Selenium	82-1	-57	-51	-68	-59	-14.34	cps
Selenium	77-1	34	31	33	33	5.39	cps
Selenium	78-1	73768	73652	73697	73706	0.08	cps
Silicon	28-1	564593	564993	565557	565048	0.09	cps
Silver	107-1	167	125	208	167	25.00	cps
Silver	109-1	167	192	233	197	17.08	cps
Sodium	23-1	2109345	2153193	2121348	2127962	1.06	cps
Strontium	86-1	975	1192	1225	1131	12.01	cps
Strontium	88-1	7144	6485	6593	6741	5.24	cps
Sulfur	34-1	485273	489699	488010	487661	0.46	cps
Terbium	159-1	7406859	7429978	7469343	7435393	0.42	cps
Thallium	203-1	242	250	250	247	1.95	cps
Thallium	205-1	633	575	542	583	7.95	cps
Tin	118-1	558	667	533	586	12.09	cps
Titanium	47-1	392	433	350	392	10.64	cps
Uranium	238-1	100	50	50	67	43.30	cps
Vanadium	51-1	220	200	140	187	22.31	cps
Ytterbium	172-1	67	25	33	42	52.92	cps
Ytterbium	176-1	717	508	633	619	16.93	cps
Yttrium	89-1	9884443	9966217	9922732	9924464	0.41	cps
Zinc	66-1	921	771	811	834	9.32	cps
Zirconium	90-1	283	300	392	325	17.95	cps
Zirconium	91-1	125	125	175	142	20.38	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 12:08:38	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	996243388	1016438603	1031754478	1014812156	1.76	cps
Antimony	121-1	8328	8703	8511	8514	2.20	cps
Arsenic	75-1	1342	1406	1185	1311	8.67	cps
Barium	135-1	2792	2842	2625	2753	4.12	cps
Barium	137-1	4451	4543	4718	4570	2.97	cps
Beryllium	9-1	912	900	876	896	2.05	cps
Bismuth	209-1	4628027	4744767	4889651	4754148	2.76	cps
Boron	10-1	1168	1194	1204	1188	1.56	cps
Bromine	81-1	2743	3054	3224	3007	8.11	cps
Cadmium	106-1	1875	1992	1508	1792	14.08	cps
Cadmium	108-1	1458	1463	1392	1438	2.77	cps
Cadmium	111-1	1967	2121	1978	2022	4.25	cps
Calcium	43-1	2015953	2058020	2061330	2045101	1.24	cps
Calcium	44-1	32390654	33099830	33102214	32864233	1.25	cps
Carbon	12-1	18927694	19725194	19925306	19526065	2.70	cps
Chlorine	35-1	33072126	38640813	41239481	37650807	11.08	cps
Chromium	52-1	229840	231579	235147	232189	1.17	cps
Cobalt	59-1	16587	17128	16847	16854	1.61	cps
Copper	63-1	73016	74139	74906	74020	1.28	cps
Dysprosium	156-1	1150	1175	1150	1158	1.25	cps
Erbium	164-1	42	67	42	50	28.87	cps
Gadolinium	160-1	100	108	50	86	36.64	cps
Holmium	165-1	7403594	7573584	7590080	7522420	1.37	cps
Indium	115-1	5942816	6024270	6114150	6027079	1.42	cps
Iron	54-1						cps
Iron	56-1	1259187103	1284859454	1301669023	1281905193	1.67	cps
Iron	57-1	30065156	30381943	30927495	30458198	1.43	cps
Krypton	83-1	223	210	243	226	7.44	cps
Lead	206-1	24178	24830	24546	24518	1.33	cps
Lead	207-1	19509	18875	18697	19027	2.24	cps
Lead	208-1	90751	91504	91014	91090	0.42	cps
Lithium	6-1	2280791	2360778	2390720	2344096	2.42	cps
Magnesium	24-1	821857068	846523113	849339570	839239917	1.80	cps
Manganese	55-1	129603	131654	127906	129721	1.45	cps
Molybdenum	94-1	3623389	3717186	3735267	3691947	1.63	cps
Molybdenum	95-1	6396812	6631222	6667889	6565308	2.24	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 12:08:38	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	6817794	7003384	7056796	6959325	1.80	cps
Molybdenum	97-1	3950842	4047965	4116134	4038314	2.06	cps
Molybdenum	98-1	10243968	10715989	10566024	10508660	2.30	cps
Neodymium	150-1	33	80	20	44	70.89	cps
Nickel	60-1	18190	18090	18271	18184	0.50	cps
Phosphorus	31-1	49416885	50932586	51206091	50518520	1.91	cps
Potassium	39-1	1044857741	1065835037	1084980743	1065224507	1.88	cps
Rhodium	103-1	5284005	5414615	5391013	5363211	1.30	cps
Scandium	45-1	3908920	3957690	3964764	3943791	0.77	cps
Selenium	82-1	14	35	-12	12	190.48	cps
Selenium	77-1	2185	2507	2660	2450	9.89	cps
Selenium	78-1	74924	75260	75490	75225	0.38	cps
Silicon	28-1	723801	734200	733072	730358	0.78	cps
Silver	107-1	808	550	567	642	22.53	cps
Silver	109-1	625	683	508	606	14.71	cps
Sodium	23-1	1171933092	1190270749	1197523601	1186575814	1.11	cps
Strontium	86-1	67438	68995	69263	68565	1.44	cps
Strontium	88-1	595924	606474	613656	605351	1.47	cps
Sulfur	34-1	2798437	2903963	2929478	2877293	2.41	cps
Terbium	159-1	7668782	7944214	7786244	7799747	1.77	cps
Thallium	203-1	733	1158	1150	1014	23.97	cps
Thallium	205-1	2125	2909	2992	2675	17.88	cps
Tin	118-1	1542	1708	1550	1600	5.87	cps
Titanium	47-1	1908273	1981621	1984109	1958001	2.20	cps
Uranium	238-1	375	308	325	336	10.32	cps
Vanadium	51-1	3454	3534	3644	3544	2.69	cps
Ytterbium	172-1	50	25	25	33	43.30	cps
Ytterbium	176-1	458	542	500	500	8.33	cps
Yttrium	89-1	10318414	10574115	10727253	10539928	1.96	cps
Zinc	66-1	21278	21398	22100	21592	2.06	cps
Zirconium	90-1	500	475	467	481	3.61	cps
Zirconium	91-1	50	125	108	94	41.70	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 12:14:53	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	1020156701	1036281085	1035037161	1030491649	0.87	cps
Antimony	121-1	156210	157389	157490	157030	0.45	cps
Arsenic	75-1	38780	38804	41118	39567	3.39	cps
Barium	135-1	35581	34603	35547	35244	1.57	cps
Barium	137-1	61423	62662	61959	62015	1.00	cps
Beryllium	9-1	41770	42077	41363	41737	0.86	cps
Bismuth	209-1	4815401	4776761	4904935	4832366	1.36	cps
Boron	10-1	834	878	900	871	3.86	cps
Bromine	81-1	2523	2963	2673	2720	8.23	cps
Cadmium	106-1	4443	4884	4793	4706	4.95	cps
Cadmium	108-1	3430	3446	3396	3424	0.74	cps
Cadmium	111-1	32847	33954	34180	33660	2.12	cps
Calcium	43-1	2040590	2035352	2084193	2053378	1.31	cps
Calcium	44-1	33198405	33875838	33804411	33626218	1.11	cps
Carbon	12-1	19796068	20546586	20771563	20371406	2.51	cps
Chlorine	35-1	37513221	42056456	44273419	41281032	8.35	cps
Chromium	52-1	455569	457819	454545	455978	0.37	cps
Cobalt	59-1	258588	253574	256733	256298	0.99	cps
Copper	63-1	203871	209266	206164	206434	1.31	cps
Dysprosium	156-1	1200	1000	1192	1131	10.01	cps
Erbium	164-1	75	42	92	69	36.66	cps
Gadolinium	160-1	83	100	67	83	20.00	cps
Holmium	165-1	7547375	7759599	7684498	7663824	1.40	cps
Indium	115-1	6003106	5961416	6065428	6009984	0.87	cps
Iron	54-1						cps
Iron	56-1	1290582857	1309918913	1315020414	1305174061	0.99	cps
Iron	57-1	30864359	31297698	31498208	31220088	1.04	cps
Krypton	83-1	203	243	203	217	10.66	cps
Lead	206-1	126062	125512	128462	126679	1.24	cps
Lead	207-1	104949	105945	103851	104915	1.00	cps
Lead	208-1	485261	487228	488142	486877	0.30	cps
Lithium	6-1	2326308	2352515	2376229	2351684	1.06	cps
Magnesium	24-1	846204094	860952062	856653904	854603353	0.89	cps
Manganese	55-1	421416	423473	425775	423555	0.51	cps
Molybdenum	94-1	3741034	3757650	3810347	3769677	0.96	cps
Molybdenum	95-1	6655742	6662589	6752631	6690320	0.81	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 12:14:53	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	7118794	7156314	7261567	7178892	1.03	cps
Molybdenum	97-1	4060642	4135437	4199267	4131782	1.68	cps
Molybdenum	98-1	10805819	10850344	10789705	10815289	0.29	cps
Neodymium	150-1	7	60	67	44	73.99	cps
Nickel	60-1	71048	71340	72537	71642	1.10	cps
Phosphorus	31-1	50778463	51866586	52552969	51732673	1.73	cps
Potassium	39-1	1074051974	1083592434	1096409090	1084684500	1.03	cps
Rhodium	103-1	5376499	5398424	5464936	5413286	0.85	cps
Scandium	45-1	3969999	4010727	4026643	4002456	0.73	cps
Selenium	82-1	2023	1974	2061	2019	2.15	cps
Selenium	77-1	4005	4226	4200	4144	2.91	cps
Selenium	78-1	79073	79460	80383	79639	0.85	cps
Silicon	28-1	728697	737974	738696	735122	0.76	cps
Silver	107-1	153774	155569	153033	154126	0.85	cps
Silver	109-1	145918	146734	147145	146599	0.43	cps
Sodium	23-1	1195983381	1219295292	1219547785	1211608819	1.12	cps
Strontium	86-1	71240	70185	70863	70762	0.76	cps
Strontium	88-1	610863	615874	620197	615645	0.76	cps
Sulfur	34-1	2916950	2917958	2938177	2924362	0.41	cps
Terbium	159-1	7787079	7929455	8044759	7920431	1.63	cps
Thallium	203-1	123728	125814	126748	125430	1.23	cps
Thallium	205-1	295646	298811	301141	298533	0.92	cps
Tin	118-1	1492	1367	1575	1478	7.10	cps
Titanium	47-1	2003398	2008842	2031376	2014539	0.74	cps
Uranium	238-1	350	308	350	336	7.16	cps
Vanadium	51-1	257192	255924	259207	257441	0.64	cps
Ytterbium	172-1	83	50	58	64	27.15	cps
Ytterbium	176-1	592	458	467	506	14.77	cps
Yttrium	89-1	10464743	10696695	10659229	10606889	1.17	cps
Zinc	66-1	55987	56851	56912	56583	0.91	cps
Zirconium	90-1	525	375	442	447	16.81	cps
Zirconium	91-1	242	167	183	197	19.97	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 12:34:56	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	518680442	521533695	518109992	519441376	0.35	cps
Antimony	121-1	3761550	3794837	3751120	3769169	0.61	cps
Arsenic	75-1	895593	904379	909038	903003	0.76	cps
Barium	135-1	4065690	4170315	4094786	4110264	1.31	cps
Barium	137-1	6941696	7050645	7075958	7022767	1.02	cps
Beryllium	9-1	1010166	1036249	1030078	1025498	1.33	cps
Bismuth	209-1	4662386	4730832	4820248	4737822	1.67	cps
Boron	10-1	116363	120140	123655	120052	3.04	cps
Bromine	81-1	2102	2253	2022	2126	5.50	cps
Cadmium	106-1	82563	84936	81029	82843	2.38	cps
Cadmium	108-1	57858	57661	58640	58053	0.89	cps
Cadmium	111-1	762701	773411	770094	768735	0.71	cps
Calcium	43-1	4847917	4967988	4888281	4901396	1.25	cps
Calcium	44-1	79157653	79729459	79516223	79467778	0.36	cps
Carbon	12-1	2528012	2594981	2628161	2583718	1.97	cps
Chlorine	35-1	271663	268922	258375	266320	2.63	cps
Chromium	52-1	5572154	5552108	5655550	5593271	0.98	cps
Cobalt	59-1	5951983	6046937	6076722	6025214	1.08	cps
Copper	63-1	31255333	32073384	31563199	31630638	1.31	cps
Dysprosium	156-1	1258	1058	1058	1125	10.26	cps
Erbium	164-1	167	183	208	186	11.27	cps
Gadolinium	160-1	125	175	175	158	18.23	cps
Holmium	165-1	7471080	7581760	7684734	7579191	1.41	cps
Indium	115-1	5901176	5980772	5902077	5928008	0.77	cps
Iron	54-1						cps
Iron	56-1	1505013841	1503429016	1522743730	1510395529	0.71	cps
Iron	57-1	35983845	36373368	36919785	36425666	1.29	cps
Krypton	83-1	267	220	220	236	11.44	cps
Lead	206-1	12786075	13101336	13109026	12998812	1.42	cps
Lead	207-1	10947154	11235392	11039599	11074048	1.33	cps
Lead	208-1	50808900	51718747	51762538	51430062	1.05	cps
Lithium	6-1	2211612	2267719	2241887	2240406	1.25	cps
Magnesium	24-1	2093706433	2131079324	2123067953	2115951237	0.93	cps
Manganese	55-1	72711026	73763201	74309189	73594472	1.10	cps
Molybdenum	94-1	10988034	11102271	11211027	11100444	1.00	cps
Molybdenum	95-1	15944230	16422457	16427065	16264584	1.71	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 12:34:56	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	17563548	17696277	17695159	17651661	0.43	cps
Molybdenum	97-1	9957159	10074833	10250864	10094285	1.46	cps
Molybdenum	98-1	26030489	26522408	26676029	26409642	1.28	cps
Neodymium	150-1	273	320	267	287	10.14	cps
Nickel	60-1	1258069	1269344	1259946	1262453	0.48	cps
Phosphorus	31-1	4720216	4850826	4819157	4796733	1.42	cps
Potassium	39-1	1276635030	1308954749	1302651526	1296080435	1.32	cps
Rhodium	103-1	5185675	5285820	5262268	5244588	1.00	cps
Scandium	45-1	3919011	3910449	3980019	3936493	0.96	cps
Selenium	82-1	47652	47839	47983	47825	0.35	cps
Selenium	77-1	37180	37334	37173	37229	0.24	cps
Selenium	78-1	190340	191442	192478	191420	0.56	cps
Silicon	28-1	4510220	4577056	4610160	4565812	1.12	cps
Silver	107-1	4024597	4126230	4079122	4076650	1.25	cps
Silver	109-1	3817985	3873219	3889179	3860128	0.97	cps
Sodium	23-1	2770689232	2796469811	2819917258	2795692100	0.88	cps
Strontium	86-1	964257	975276	966233	968588	0.61	cps
Strontium	88-1	9024806	9116775	9130367	9090649	0.63	cps
Sulfur	34-1	748969	749479	750600	749682	0.11	cps
Terbium	159-1	7697087	7900769	7919971	7839276	1.58	cps
Thallium	203-1	3165492	3202124	3198736	3188784	0.63	cps
Thallium	205-1	7435619	7501334	7543734	7493562	0.73	cps
Tin	118-1	2587669	2602735	2618413	2602939	0.59	cps
Titanium	47-1	4581881	4647117	4657580	4628859	0.89	cps
Uranium	238-1	9367497	9583657	9562032	9504395	1.25	cps
Vanadium	51-1	6503389	6610900	6533840	6549376	0.85	cps
Ytterbium	172-1	317	350	242	303	18.32	cps
Ytterbium	176-1	14442	15393	14233	14689	4.21	cps
Yttrium	89-1	10393067	10448938	10417112	10419706	0.27	cps
Zinc	66-1	8549150	8612176	8631388	8597571	0.50	cps
Zirconium	90-1	5490668	5578059	5525463	5531397	0.80	cps
Zirconium	91-1	1150177	1147502	1154614	1150764	0.31	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 12:41:42	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	10925	9272	9283	9827	9.68	cps
Antimony	121-1	483	608	600	564	12.39	cps
Arsenic	75-1	800	787	769	785	1.96	cps
Barium	135-1	1083	733	783	867	21.84	cps
Barium	137-1	1617	1225	1425	1422	13.77	cps
Beryllium	9-1	520	508	506	511	1.48	cps
Bismuth	209-1	4869403	4879761	4869931	4873032	0.12	cps
Boron	10-1	1560	1418	1358	1445	7.18	cps
Bromine	81-1	1752	2092	2162	2002	10.97	cps
Cadmium	106-1	1733	1758	1750	1747	0.73	cps
Cadmium	108-1	96	54	58	69	33.05	cps
Cadmium	111-1	1259	1272	1259	1263	0.60	cps
Calcium	43-1	419	436	389	415	5.79	cps
Calcium	44-1	20528	19948	19940	20139	1.68	cps
Carbon	12-1	1913020	1853916	1810251	1859062	2.77	cps
Chlorine	35-1	166389	159918	158282	161529	2.65	cps
Chromium	52-1	10535	9894	9884	10104	3.69	cps
Cobalt	59-1	3023	3144	2823	2997	5.40	cps
Copper	63-1	14307	14311	13890	14169	1.71	cps
Dysprosium	156-1	733	758	708	733	3.41	cps
Erbium	164-1	17	50	33	33	50.00	cps
Gadolinium	160-1	25	25	42	31	31.50	cps
Holmium	165-1	7247063	7324695	7250879	7274212	0.60	cps
Indium	115-1	5917799	5993389	5937580	5949589	0.66	cps
Iron	54-1						cps
Iron	56-1	1466627	1440565	1432713	1446635	1.23	cps
Iron	57-1	42697	41482	41914	42031	1.47	cps
Krypton	83-1	243	303	277	274	10.95	cps
Lead	206-1	1622	1378	1445	1482	8.53	cps
Lead	207-1	1361	1333	1222	1306	5.63	cps
Lead	208-1	6184	5884	5651	5906	4.53	cps
Lithium	6-1	2266477	2251590	2271412	2263160	0.46	cps
Magnesium	24-1	109478	106111	104717	106769	2.29	cps
Manganese	55-1	24386	23724	22992	23701	2.94	cps
Molybdenum	94-1	425	375	400	400	6.25	cps
Molybdenum	95-1	367	358	392	372	4.66	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 12:41:42	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	625	475	508	536	14.69	cps
Molybdenum	97-1	242	275	217	244	11.97	cps
Molybdenum	98-1	583	508	592	561	8.18	cps
Neodymium	150-1	27	20	13	20	33.35	cps
Nickel	60-1	2493	2683	2543	2573	3.83	cps
Phosphorus	31-1	25930	25167	24997	25365	1.96	cps
Potassium	39-1	3381947	3361170	3332931	3358683	0.73	cps
Rhodium	103-1	5391578	5388959	5269012	5349850	1.31	cps
Scandium	45-1	3822732	3778200	3728784	3776572	1.24	cps
Selenium	82-1	-35	-91	-83	-70	-43.88	cps
Selenium	77-1	37	28	30	32	15.46	cps
Selenium	78-1	72431	72409	72332	72390	0.07	cps
Silicon	28-1	544458	540744	540900	542034	0.39	cps
Silver	107-1	142	233	233	203	26.10	cps
Silver	109-1	133	108	158	133	18.75	cps
Sodium	23-1	2179501	2171883	2125204	2158863	1.36	cps
Strontium	86-1	825	908	850	861	4.97	cps
Strontium	88-1	4726	4443	4543	4570	3.15	cps
Sulfur	34-1	466670	467160	463652	465827	0.41	cps
Terbium	159-1	7501673	7531520	7480604	7504599	0.34	cps
Thallium	203-1	367	367	283	339	14.20	cps
Thallium	205-1	983	1025	867	958	8.56	cps
Tin	118-1	708	608	792	703	13.06	cps
Titanium	47-1	308	467	475	417	22.54	cps
Uranium	238-1	175	58	108	114	51.39	cps
Vanadium	51-1	260	210	240	237	10.63	cps
Ytterbium	172-1	92	67	50	69	30.20	cps
Ytterbium	176-1	542	408	583	511	17.89	cps
Yttrium	89-1	10080804	10103797	10120490	10101697	0.20	cps
Zinc	66-1	1031	821	1091	981	14.47	cps
Zirconium	90-1	375	358	317	350	8.59	cps
Zirconium	91-1	125	183	167	158	18.98	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 12:46:15	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	204118	204074	205674	204622	0.45	cps
Antimony	121-1	15200	14817	15584	15201	2.52	cps
Arsenic	75-1	3027	2723	2840	2863	5.34	cps
Barium	135-1	16661	16536	16502	16566	0.50	cps
Barium	137-1	28823	28656	28506	28661	0.55	cps
Beryllium	9-1	2426	2414	2398	2412	0.58	cps
Bismuth	209-1	4813056	4826678	4890257	4843330	0.85	cps
Boron	10-1	2184	1998	2142	2108	4.63	cps
Bromine	81-1	1732	2102	1862	1899	9.90	cps
Cadmium	106-1	1909	1825	1875	1870	2.24	cps
Cadmium	108-1	158	179	200	179	11.63	cps
Cadmium	111-1	3067	2740	2998	2935	5.87	cps
Calcium	43-1	10300	10206	10056	10187	1.21	cps
Calcium	44-1	178583	178428	177080	178030	0.46	cps
Carbon	12-1	1894156	1895604	1860789	1883517	1.05	cps
Chlorine	35-1	145939	143120	146781	145280	1.32	cps
Chromium	52-1	33242	31537	31005	31928	3.66	cps
Cobalt	59-1	14833	14723	15544	15033	2.97	cps
Copper	63-1	27096	27483	27073	27217	0.85	cps
Dysprosium	156-1	692	775	858	775	10.75	cps
Erbium	164-1	8	50	42	33	66.15	cps
Gadolinium	160-1	25	50	33	36	35.25	cps
Holmium	165-1	7316773	7288629	7135497	7246966	1.35	cps
Indium	115-1	5933766	5980829	5916815	5943803	0.56	cps
Iron	54-1						cps
Iron	56-1	2072330	2100978	2059814	2077707	1.02	cps
Iron	57-1	57273	58850	57293	57806	1.57	cps
Krypton	83-1	297	247	243	262	11.39	cps
Lead	206-1	6691	6407	6224	6441	3.65	cps
Lead	207-1	5357	5390	5674	5473	3.18	cps
Lead	208-1	25393	25121	25266	25260	0.54	cps
Lithium	6-1	2217725	2273770	2220292	2237262	1.41	cps
Magnesium	24-1	4448204	4446501	4501751	4465485	0.70	cps
Manganese	55-1	35952	36153	36122	36076	0.30	cps
Molybdenum	94-1	12748	13215	13757	13240	3.82	cps
Molybdenum	95-1	16377	16110	16243	16243	0.82	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 12:46:15	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	18121	18488	17879	18162	1.69	cps
Molybdenum	97-1	9779	9312	10688	9926	7.05	cps
Molybdenum	98-1	26685	25774	26133	26197	1.75	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Nickel	60-1	5186	5076	5427	5230	3.43	cps
Phosphorus	31-1	40909	40779	39715	40468	1.62	cps
Potassium	39-1	8638457	8654524	8549606	8614196	0.66	cps
Rhodium	103-1	5352451	5407666	5419545	5393221	0.66	cps
Scandium	45-1	3817343	3735830	3754089	3769087	1.13	cps
Selenium	82-1	423	441	481	448	6.63	cps
Selenium	77-1	439	425	407	424	3.87	cps
Selenium	78-1	72600	73365	73177	73047	0.55	cps
Silicon	28-1	559673	555193	559184	558017	0.44	cps
Silver	107-1	7744	8111	8328	8061	3.66	cps
Silver	109-1	7502	7160	7903	7522	4.94	cps
Sodium	23-1	7844816	7839384	7793845	7826015	0.36	cps
Strontium	86-1	3150	3000	2600	2917	9.75	cps
Strontium	88-1	23228	23679	22836	23248	1.82	cps
Sulfur	34-1	466804	465557	468696	467019	0.34	cps
Terbium	159-1	7588093	7551157	7496904	7545385	0.61	cps
Thallium	203-1	6410	6327	6402	6380	0.72	cps
Thallium	205-1	15426	15768	15952	15715	1.70	cps
Tin	118-1	27127	27127	27528	27261	0.85	cps
Titanium	47-1	4926	4818	4893	4879	1.14	cps
Uranium	238-1	17546	18681	18714	18314	3.63	cps
Vanadium	51-1	64299	63223	63364	63629	0.92	cps
Ytterbium	172-1	83	42	67	64	32.83	cps
Ytterbium	176-1	550	517	600	556	7.55	cps
Yttrium	89-1	10075508	10044653	9981924	10034029	0.48	cps
Zinc	66-1	9723	10164	10154	10014	2.51	cps
Zirconium	90-1	11663	11155	11105	11308	2.73	cps
Zirconium	91-1	2400	2550	2634	2528	4.68	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	PB166661BL	Instrumnet Name :	P8
Client Sample ID :	PB166661BL	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 12:49:50	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	10364	9453	9463	9760	5.36	cps
Antimony	121-1	300	183	283	256	24.69	cps
Arsenic	75-1	756	741	795	764	3.65	cps
Barium	135-1	442	458	417	439	4.78	cps
Barium	137-1	675	808	700	728	9.74	cps
Beryllium	9-1	334	338	356	343	3.42	cps
Bismuth	209-1	4779654	4735131	4879527	4798104	1.54	cps
Boron	10-1	1054	1024	1100	1059	3.61	cps
Bromine	81-1	1932	1572	1892	1799	10.98	cps
Cadmium	106-1	1783	2025	1775	1861	7.63	cps
Cadmium	108-1	71	67	63	67	6.25	cps
Cadmium	111-1	1220	1454	1249	1308	9.78	cps
Calcium	43-1	424	394	407	408	3.68	cps
Calcium	44-1	19000	19548	19314	19288	1.43	cps
Carbon	12-1	1912776	1833125	1834142	1860014	2.46	cps
Chlorine	35-1	131814	133554	130795	132054	1.06	cps
Chromium	52-1	9844	9533	10024	9800	2.53	cps
Cobalt	59-1	2733	2623	2773	2710	2.87	cps
Copper	63-1	13547	13370	13697	13538	1.21	cps
Dysprosium	156-1	867	608	867	781	19.11	cps
Erbium	164-1	58	67	42	56	22.91	cps
Gadolinium	160-1	25	83	58	56	52.68	cps
Holmium	165-1	7083549	7154869	7075464	7104627	0.62	cps
Indium	115-1	5902648	5832055	5924663	5886455	0.82	cps
Iron	54-1						cps
Iron	56-1	1424219	1442993	1431069	1432760	0.66	cps
Iron	57-1	43420	45137	42256	43604	3.32	cps
Krypton	83-1	253	260	227	247	7.15	cps
Lead	206-1	1189	1206	1272	1222	3.61	cps
Lead	207-1	1028	1011	1050	1030	1.90	cps
Lead	208-1	4823	4650	4967	4813	3.29	cps
Lithium	6-1	2204142	2168285	2185854	2186093	0.82	cps
Magnesium	24-1	114230	112362	114148	113580	0.93	cps
Manganese	55-1	20035	19654	19593	19761	1.21	cps
Molybdenum	94-1	267	292	308	289	7.26	cps
Molybdenum	95-1	300	317	250	289	12.01	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	PB166661BL	Instrumnet Name :	P8
Client Sample ID :	PB166661BL	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 12:49:50	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	558	450	508	506	10.73	cps
Molybdenum	97-1	100	167	250	172	43.64	cps
Molybdenum	98-1	467	392	425	428	8.79	cps
Neodymium	150-1	0	20	27	16	89.22	cps
Nickel	60-1	2833	2523	2683	2680	5.79	cps
Phosphorus	31-1	24656	26311	25619	25529	3.26	cps
Potassium	39-1	3383429	3395535	3396034	3391666	0.21	cps
Rhodium	103-1	5296654	5369926	5414342	5360307	1.11	cps
Scandium	45-1	3691045	3708644	3728602	3709430	0.51	cps
Selenium	82-1	-52	-44	-14	-37	-54.64	cps
Selenium	77-1	40	30	42	37	17.22	cps
Selenium	78-1	71079	70997	71467	71181	0.35	cps
Silicon	28-1	526916	530151	526478	527848	0.38	cps
Silver	107-1	150	117	175	147	19.88	cps
Silver	109-1	108	142	92	114	22.35	cps
Sodium	23-1	2046393	2039822	2041755	2042657	0.17	cps
Strontium	86-1	883	717	1058	886	19.28	cps
Strontium	88-1	5518	5660	5551	5576	1.33	cps
Sulfur	34-1	476591	473951	479964	476836	0.63	cps
Terbium	159-1	7582816	7385172	7392861	7453616	1.50	cps
Thallium	203-1	300	317	300	306	3.15	cps
Thallium	205-1	633	717	575	642	11.10	cps
Tin	118-1	650	575	733	653	12.13	cps
Titanium	47-1	342	275	350	322	12.76	cps
Uranium	238-1	67	50	8	42	72.12	cps
Vanadium	51-1	110	150	200	153	29.41	cps
Ytterbium	172-1	92	58	42	64	39.85	cps
Ytterbium	176-1	533	592	500	542	8.57	cps
Yttrium	89-1	10098419	9831237	9940593	9956749	1.35	cps
Zinc	66-1	741	771	661	724	7.86	cps
Zirconium	90-1	350	342	325	339	3.76	cps
Zirconium	91-1	100	92	108	100	8.33	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	PB166661BS	Instrumnet Name :	P8
Client Sample ID :	PB166661BS	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 12:58:48	DataFile Name :	024LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	95790712	96579636	96327254	96232534	0.42	cps
Antimony	121-1	3635385	3747130	3641546	3674687	1.71	cps
Arsenic	75-1	882806	891897	903009	892570	1.13	cps
Barium	135-1	3956121	3999677	3917386	3957728	1.04	cps
Barium	137-1	6669077	6791794	6737563	6732811	0.91	cps
Beryllium	9-1	914576	916109	914558	915081	0.10	cps
Bismuth	209-1	4696453	4684687	4706108	4695749	0.23	cps
Boron	10-1	116498	121236	124398	120711	3.29	cps
Bromine	81-1	1992	1742	2072	1935	8.90	cps
Cadmium	106-1	83033	83502	84944	83826	1.19	cps
Cadmium	108-1	58373	58850	59343	58855	0.82	cps
Cadmium	111-1	780251	785389	787153	784264	0.46	cps
Calcium	43-1	888924	899708	900091	896241	0.71	cps
Calcium	44-1	14997507	15138163	15109211	15081627	0.49	cps
Carbon	12-1	2208994	2258881	2291605	2253160	1.85	cps
Chlorine	35-1	116323	116392	114115	115610	1.12	cps
Chromium	52-1	5302428	5404045	5388038	5364837	1.02	cps
Cobalt	59-1	5837025	5915980	5882794	5878600	0.67	cps
Copper	63-1	31005459	31562530	31470282	31346090	0.95	cps
Dysprosium	156-1	892	1025	900	939	7.96	cps
Erbium	164-1	42	42	108	64	60.24	cps
Gadolinium	160-1	133	25	50	69	81.69	cps
Holmium	165-1	7225013	7189941	7261225	7225393	0.49	cps
Indium	115-1	5663045	5700116	5743938	5702367	0.71	cps
Iron	54-1						cps
Iron	56-1	290134835	295884124	294552862	293523940	1.03	cps
Iron	57-1	6903389	7117548	7046571	7022502	1.55	cps
Krypton	83-1	233	250	237	240	3.68	cps
Lead	206-1	12834482	12939006	13042775	12938754	0.80	cps
Lead	207-1	10833077	11162812	11030835	11008908	1.51	cps
Lead	208-1	50534047	51265605	51359513	51053055	0.89	cps
Lithium	6-1	2147774	2179145	2188326	2171748	0.98	cps
Magnesium	24-1	400540546	402926272	404829665	402765495	0.53	cps
Manganese	55-1	71044019	71760611	71608106	71470912	0.53	cps
Molybdenum	94-1	10408186	10657432	10557278	10540965	1.19	cps
Molybdenum	95-1	15210859	15365698	15462700	15346419	0.83	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	PB166661BS	Instrumnet Name :	P8
Client Sample ID :	PB166661BS	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 12:58:48	DataFile Name :	024LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	16735505	16958777	16795527	16829936	0.69	cps
Molybdenum	97-1	9455042	9456627	9531982	9481217	0.46	cps
Molybdenum	98-1	24918108	24885539	24927108	24910252	0.09	cps
Neodymium	150-1	207	207	267	227	15.28	cps
Nickel	60-1	1228583	1248735	1245691	1241003	0.88	cps
Phosphorus	31-1	4453924	4492329	4549395	4498549	1.07	cps
Potassium	39-1	243149876	250037569	248631793	247273079	1.47	cps
Rhodium	103-1	5071856	5140250	5054620	5088909	0.89	cps
Scandium	45-1	3649067	3696420	3681136	3675541	0.66	cps
Selenium	82-1	47186	47466	47982	47545	0.85	cps
Selenium	77-1	36609	36960	37046	36872	0.63	cps
Selenium	78-1	187341	189707	190383	189144	0.84	cps
Silicon	28-1	4911478	4960199	4994252	4955310	0.84	cps
Silver	107-1	4028377	4115772	4106789	4083646	1.18	cps
Silver	109-1	3798851	3884929	3858514	3847431	1.15	cps
Sodium	23-1	540123905	548892874	541208209	543408329	0.88	cps
Strontium	86-1	941182	956359	952002	949848	0.82	cps
Strontium	88-1	8575052	8591650	8666675	8611126	0.57	cps
Sulfur	34-1	731556	723551	729562	728223	0.57	cps
Terbium	159-1	7469343	7542417	7505753	7505838	0.49	cps
Thallium	203-1	3168148	3178254	3162431	3169611	0.25	cps
Thallium	205-1	7369309	7519555	7487712	7458859	1.06	cps
Tin	118-1	2524695	2539306	2540845	2534949	0.35	cps
Titanium	47-1	4373317	4452026	4401638	4408994	0.90	cps
Uranium	238-1	8904553	9181979	9155284	9080605	1.69	cps
Vanadium	51-1	6219957	6252920	6203063	6225314	0.41	cps
Ytterbium	172-1	108	67	58	78	34.45	cps
Ytterbium	176-1	14041	13874	14225	14047	1.25	cps
Yttrium	89-1	9675056	9778458	9804922	9752812	0.70	cps
Zinc	66-1	8349371	8439833	8606140	8465114	1.54	cps
Zirconium	90-1	5171859	5290640	5266124	5242875	1.20	cps
Zirconium	91-1	1121221	1133710	1131944	1128958	0.60	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	Q1172-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 13:02:37	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	5060370	5166439	5111542	5112784	1.04	cps
Antimony	121-1	155308	155183	152839	154443	0.90	cps
Arsenic	75-1	13821	12752	13577	13383	4.19	cps
Barium	135-1	3039142	3080208	3035329	3051560	0.82	cps
Barium	137-1	5267215	5295729	5210291	5257745	0.83	cps
Beryllium	9-1	32317	32289	32511	32372	0.37	cps
Bismuth	209-1	4732825	4782195	4778853	4764624	0.58	cps
Boron	10-1	347366	362997	369381	359915	3.15	cps
Bromine	81-1	1792	1672	1762	1742	3.59	cps
Cadmium	106-1	5126	5510	5168	5268	3.99	cps
Cadmium	108-1	2709	2834	2821	2788	2.47	cps
Cadmium	111-1	39878	40711	40251	40280	1.04	cps
Calcium	43-1	1502	1714	1804	1673	9.24	cps
Calcium	44-1	24199	24972	24888	24686	1.72	cps
Carbon	12-1	1963241	1925766	1901282	1930096	1.62	cps
Chlorine	35-1	96546	97217	94130	95964	1.69	cps
Chromium	52-1	240846	244419	244289	243185	0.83	cps
Cobalt	59-1	3504	3214	3124	3280	6.06	cps
Copper	63-1	4785447	4860699	4895696	4847281	1.16	cps
Dysprosium	156-1	617	533	700	617	13.51	cps
Erbium	164-1	25	42	50	39	32.73	cps
Gadolinium	160-1	25	42	67	44	47.19	cps
Holmium	165-1	6994810	7129763	7108438	7077670	1.03	cps
Indium	115-1	5781738	5861921	5746592	5796750	1.02	cps
Iron	54-1						cps
Iron	56-1	19296238	19612783	19660783	19523268	1.01	cps
Iron	57-1	466414	469213	473296	469641	0.74	cps
Krypton	83-1	253	167	263	228	23.34	cps
Lead	206-1	109178	108847	108164	108730	0.48	cps
Lead	207-1	91739	91213	92164	91705	0.52	cps
Lead	208-1	423307	426230	423983	424507	0.36	cps
Lithium	6-1	2189234	2178321	2196004	2187853	0.41	cps
Magnesium	24-1	106050	101009	101654	102904	2.67	cps
Manganese	55-1	12447678	12536159	12672112	12551983	0.90	cps
Molybdenum	94-1	88406	88631	88238	88425	0.22	cps
Molybdenum	95-1	155344	156962	156929	156412	0.59	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	Q1172-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 13:02:37	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	166767	167813	166801	167127	0.36	cps
Molybdenum	97-1	99707	97450	96912	98023	1.51	cps
Molybdenum	98-1	252804	253934	248894	251877	1.05	cps
Neodymium	150-1	140	207	113	153	31.35	cps
Nickel	60-1	557426	556898	556846	557057	0.06	cps
Phosphorus	31-1	24004	24766	23704	24158	2.27	cps
Potassium	39-1	3285332	3269776	3239726	3264945	0.71	cps
Rhodium	103-1	5183861	5234934	5253300	5224032	0.69	cps
Scandium	45-1	3624899	3622654	3629517	3625690	0.10	cps
Selenium	82-1	2846	2915	2762	2841	2.70	cps
Selenium	77-1	2274	2244	2239	2252	0.85	cps
Selenium	78-1	78036	78490	78301	78276	0.29	cps
Silicon	28-1	1211063	1223501	1233863	1222809	0.93	cps
Silver	107-1	1876658	1910156	1905048	1897287	0.95	cps
Silver	109-1	1819926	1835650	1819720	1825099	0.50	cps
Sodium	23-1	2302044	2324520	2307810	2311458	0.51	cps
Strontium	86-1	967	892	933	931	4.04	cps
Strontium	88-1	5743	6227	5826	5932	4.36	cps
Sulfur	34-1	452573	455149	456598	454773	0.45	cps
Terbium	159-1	7352280	7387983	7300748	7347004	0.60	cps
Thallium	203-1	44560	45823	45731	45371	1.55	cps
Thallium	205-1	108434	107502	108721	108219	0.59	cps
Tin	118-1	883	825	675	794	13.53	cps
Titanium	47-1	592	417	417	475	21.27	cps
Uranium	238-1	208	175	167	183	12.03	cps
Vanadium	51-1	3824818	3831532	3852757	3836369	0.38	cps
Ytterbium	172-1	42	92	75	69	36.66	cps
Ytterbium	176-1	408	667	433	503	28.34	cps
Yttrium	89-1	9752176	9670664	9781731	9734857	0.59	cps
Zinc	66-1	383644	386726	380128	383499	0.86	cps
Zirconium	90-1	2167	2325	2192	2228	3.82	cps
Zirconium	91-1	492	467	483	481	2.65	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	Q1172-04DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WSDL	Dilution Factor :	5
Date & Time Acquired :	2025-02-26 13:05:31	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	989992	1001752	1000927	997557	0.66	cps
Antimony	121-1	31320	31570	31378	31423	0.42	cps
Arsenic	75-1	3386	3380	3344	3370	0.68	cps
Barium	135-1	591038	594089	588537	591222	0.47	cps
Barium	137-1	1039818	1035777	1028361	1034652	0.56	cps
Beryllium	9-1	6822	6762	6934	6840	1.28	cps
Bismuth	209-1	4673957	4733138	4641904	4682999	0.99	cps
Boron	10-1	75573	79303	80363	78413	3.21	cps
Bromine	81-1	1852	2212	1792	1952	11.65	cps
Cadmium	106-1	2309	2575	2717	2534	8.18	cps
Cadmium	108-1	567	554	479	533	8.87	cps
Cadmium	111-1	9464	9605	8944	9337	3.73	cps
Calcium	43-1	797	791	865	818	5.00	cps
Calcium	44-1	20263	20436	20254	20318	0.50	cps
Carbon	12-1	1927572	1854176	1860521	1880756	2.16	cps
Chlorine	35-1	87530	86417	85100	86349	1.41	cps
Chromium	52-1	56067	57272	57704	57014	1.49	cps
Cobalt	59-1	2673	2333	2663	2556	7.58	cps
Copper	63-1	929520	937928	929500	932316	0.52	cps
Dysprosium	156-1	658	592	650	633	5.74	cps
Erbium	164-1	67	92	25	61	55.11	cps
Gadolinium	160-1	8	17	25	17	50.01	cps
Holmium	165-1	7111314	7036846	6945683	7031281	1.18	cps
Indium	115-1	5766037	5772825	5677980	5738947	0.92	cps
Iron	54-1						cps
Iron	56-1	5034238	5012535	4983629	5010134	0.51	cps
Iron	57-1	126291	126765	126785	126614	0.22	cps
Krypton	83-1	207	230	227	221	5.71	cps
Lead	206-1	23377	22553	22069	22666	2.92	cps
Lead	207-1	19649	18892	19370	19304	1.98	cps
Lead	208-1	90619	88017	88497	89044	1.55	cps
Lithium	6-1	2199197	2158165	2152584	2169982	1.17	cps
Magnesium	24-1	105799	104700	102965	104488	1.37	cps
Manganese	55-1	2559968	2563919	2520873	2548253	0.93	cps
Molybdenum	94-1	17637	18204	18529	18123	2.49	cps
Molybdenum	95-1	31846	32180	32213	32079	0.63	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	Q1172-04DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WSDL	Dilution Factor :	5
Date & Time Acquired :	2025-02-26 13:05:31	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	35237	34427	34878	34847	1.17	cps
Molybdenum	97-1	20457	20040	19714	20070	1.86	cps
Molybdenum	98-1	51940	51722	51538	51733	0.39	cps
Neodymium	150-1	53	67	27	49	41.66	cps
Nickel	60-1	114330	116450	113927	114902	1.18	cps
Phosphorus	31-1	24526	24205	24546	24426	0.78	cps
Potassium	39-1	3211146	3244120	3200233	3218500	0.71	cps
Rhodium	103-1	5171093	5169895	5149561	5163516	0.23	cps
Scandium	45-1	3624618	3625741	3558487	3602949	1.07	cps
Selenium	82-1	552	577	553	561	2.47	cps
Selenium	77-1	479	458	467	468	2.22	cps
Selenium	78-1	72224	72519	72204	72316	0.24	cps
Silicon	28-1	700714	697150	697979	698614	0.27	cps
Silver	107-1	367064	365833	369832	367576	0.56	cps
Silver	109-1	349081	355721	354279	353027	0.99	cps
Sodium	23-1	2014653	2019924	2027266	2020614	0.31	cps
Strontium	86-1	900	992	883	925	6.31	cps
Strontium	88-1	5460	5551	6026	5679	5.36	cps
Sulfur	34-1	459333	458486	457385	458401	0.21	cps
Terbium	159-1	7446460	7395780	7249542	7363927	1.39	cps
Thallium	203-1	9254	9062	9162	9159	1.05	cps
Thallium	205-1	21602	22078	22053	21911	1.22	cps
Tin	118-1	575	708	650	644	10.37	cps
Titanium	47-1	408	275	275	319	24.10	cps
Uranium	238-1	67	125	117	103	30.69	cps
Vanadium	51-1	745427	750108	748394	747976	0.32	cps
Ytterbium	172-1	42	42	17	33	43.30	cps
Ytterbium	176-1	517	517	483	506	3.81	cps
Yttrium	89-1	9617870	9696190	9708657	9674239	0.51	cps
Zinc	66-1	78697	79885	79813	79465	0.84	cps
Zirconium	90-1	708	892	683	761	14.95	cps
Zirconium	91-1	208	150	142	167	21.80	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 13:17:45	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	477596880	489036229	491780543	486137884	1.55	cps
Antimony	121-1	3586645	3690549	3660009	3645734	1.46	cps
Arsenic	75-1	859759	862678	859409	860615	0.21	cps
Barium	135-1	3948230	4016185	3983822	3982746	0.85	cps
Barium	137-1	6635856	6847756	6896003	6793205	2.04	cps
Beryllium	9-1	878082	884721	879062	880622	0.41	cps
Bismuth	209-1	4569217	4655858	4627265	4617447	0.96	cps
Boron	10-1	110066	115428	116338	113944	2.97	cps
Bromine	81-1	2072	1962	1992	2009	2.83	cps
Cadmium	106-1	81206	81281	83645	82044	1.69	cps
Cadmium	108-1	55875	56155	58344	56791	2.38	cps
Cadmium	111-1	754797	757026	761707	757843	0.47	cps
Calcium	43-1	4526895	4708405	4655556	4630285	2.02	cps
Calcium	44-1	74280078	75536873	76006277	75274409	1.19	cps
Carbon	12-1	2435240	2462978	2492725	2463648	1.17	cps
Chlorine	35-1	89468	89107	91027	89868	1.14	cps
Chromium	52-1	5229967	5351703	5377971	5319881	1.48	cps
Cobalt	59-1	5624786	5753220	5764369	5714125	1.36	cps
Copper	63-1	29470736	30153918	30153752	29926135	1.32	cps
Dysprosium	156-1	733	917	850	833	11.14	cps
Erbium	164-1	158	208	200	189	14.18	cps
Gadolinium	160-1	133	108	142	128	13.57	cps
Holmium	165-1	7365863	7358176	7473793	7399278	0.87	cps
Indium	115-1	5704592	5747637	5716753	5722994	0.39	cps
Iron	54-1						cps
Iron	56-1	1426519870	1436940850	1442051200	1435170640	0.55	cps
Iron	57-1	33753182	34225846	34346869	34108632	0.92	cps
Krypton	83-1	207	233	230	223	6.51	cps
Lead	206-1	12499171	12759408	12703072	12653883	1.08	cps
Lead	207-1	10793525	10960966	10840150	10864880	0.80	cps
Lead	208-1	49459223	50312631	50087164	49953006	0.89	cps
Lithium	6-1	2089915	2105824	2141097	2112279	1.24	cps
Magnesium	24-1	1963595526	1984479129	1987987437	1978687364	0.67	cps
Manganese	55-1	70075243	70655010	70791389	70507214	0.54	cps
Molybdenum	94-1	10395728	10692956	10671291	10586659	1.57	cps
Molybdenum	95-1	15256130	15691487	15742880	15563499	1.72	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 13:17:45	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	16586884	17080927	17121427	16929746	1.76	cps
Molybdenum	97-1	9435931	9568971	9707949	9570950	1.42	cps
Molybdenum	98-1	25013818	25208180	25368200	25196733	0.70	cps
Neodymium	150-1	280	253	360	298	18.64	cps
Nickel	60-1	1200801	1194627	1210983	1202137	0.69	cps
Phosphorus	31-1	4453447	4516255	4534076	4501259	0.94	cps
Potassium	39-1	1220448445	1220779617	1235378655	1225535572	0.70	cps
Rhodium	103-1	4930000	4977137	5093781	5000306	1.69	cps
Scandium	45-1	3645769	3709402	3742987	3699386	1.33	cps
Selenium	82-1	45480	45672	46071	45741	0.66	cps
Selenium	77-1	35677	35605	35703	35662	0.14	cps
Selenium	78-1	183368	184699	183925	183997	0.36	cps
Silicon	28-1	4229633	4284177	4264245	4259351	0.65	cps
Silver	107-1	3904224	3967533	3931873	3934543	0.81	cps
Silver	109-1	3695001	3729414	3754377	3726264	0.80	cps
Sodium	23-1	2596408397	2651131198	2646307654	2631282416	1.15	cps
Strontium	86-1	933847	935444	933565	934285	0.11	cps
Strontium	88-1	8657686	8673512	8690555	8673918	0.19	cps
Sulfur	34-1	716589	719442	713539	716523	0.41	cps
Terbium	159-1	7606026	7605772	7555889	7589229	0.38	cps
Thallium	203-1	3041946	3163836	3171401	3125728	2.32	cps
Thallium	205-1	7256749	7329573	7356989	7314437	0.71	cps
Tin	118-1	2475511	2570383	2505206	2517033	1.93	cps
Titanium	47-1	4323368	4455587	4471852	4416936	1.84	cps
Uranium	238-1	9139644	9401001	9317773	9286140	1.44	cps
Vanadium	51-1	6159127	6273467	6238323	6223639	0.94	cps
Ytterbium	172-1	292	283	275	283	2.94	cps
Ytterbium	176-1	14291	14700	14050	14347	2.29	cps
Yttrium	89-1	10046101	10063765	10093024	10067630	0.24	cps
Zinc	66-1	8091263	8202207	8272338	8188603	1.11	cps
Zirconium	90-1	5186430	5314951	5316788	5272723	1.42	cps
Zirconium	91-1	1102547	1115681	1113354	1110527	0.63	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 13:30:17	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	9343	9102	9443	9296	1.88	cps
Antimony	121-1	375	450	408	411	9.14	cps
Arsenic	75-1	690	859	577	709	20.01	cps
Barium	135-1	608	592	533	578	6.82	cps
Barium	137-1	1117	1075	967	1053	7.36	cps
Beryllium	9-1	446	452	438	445	1.58	cps
Bismuth	209-1	4619427	4653200	4593589	4622072	0.65	cps
Boron	10-1	1506	1480	1338	1441	6.27	cps
Bromine	81-1	1772	1712	1892	1792	5.12	cps
Cadmium	106-1	1767	1834	1617	1739	6.38	cps
Cadmium	108-1	71	71	75	72	3.33	cps
Cadmium	111-1	1241	1309	1133	1228	7.21	cps
Calcium	43-1	374	401	384	386	3.60	cps
Calcium	44-1	16736	16883	16602	16741	0.84	cps
Carbon	12-1	1786621	1728729	1719001	1744784	2.10	cps
Chlorine	35-1	62268	62728	61322	62106	1.15	cps
Chromium	52-1	9212	9573	9914	9566	3.67	cps
Cobalt	59-1	2623	2293	2583	2499	7.21	cps
Copper	63-1	11935	11682	11852	11823	1.09	cps
Dysprosium	156-1	558	500	533	531	5.52	cps
Erbium	164-1	33	50	83	56	45.83	cps
Gadolinium	160-1	17	33	50	33	50.00	cps
Holmium	165-1	6901875	7025613	6830518	6919336	1.43	cps
Indium	115-1	5640382	5593947	5595839	5610056	0.47	cps
Iron	54-1						cps
Iron	56-1	1329599	1117936	1121059	1189531	10.20	cps
Iron	57-1	39997	39274	38471	39247	1.94	cps
Krypton	83-1	173	207	270	217	22.66	cps
Lead	206-1	1145	1133	1283	1187	7.04	cps
Lead	207-1	1028	1111	1028	1056	4.56	cps
Lead	208-1	4695	4700	4745	4713	0.58	cps
Lithium	6-1	2067088	2049791	2042018	2052966	0.63	cps
Magnesium	24-1	101554	102703	100183	101480	1.24	cps
Manganese	55-1	21879	22140	21919	21979	0.64	cps
Molybdenum	94-1	392	350	217	319	28.62	cps
Molybdenum	95-1	383	267	233	294	26.75	cps

LB Number :	LB134818	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-02-26 13:30:17	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	450	500	425	458	8.33	cps
Molybdenum	97-1	217	200	183	200	8.33	cps
Molybdenum	98-1	492	425	433	450	8.07	cps
Neodymium	150-1	20	47	13	27	66.16	cps
Nickel	60-1	2072	2293	2573	2313	10.85	cps
Phosphorus	31-1	24767	24054	23814	24212	2.05	cps
Potassium	39-1	3133156	3087694	3117652	3112834	0.74	cps
Rhodium	103-1	5112300	5127191	5049502	5096331	0.81	cps
Scandium	45-1	3506797	3521590	3486405	3504930	0.50	cps
Selenium	82-1	7	3	-93	-28	-204.43	cps
Selenium	77-1	31	27	37	32	16.02	cps
Selenium	78-1	69183	69089	69315	69195	0.16	cps
Silicon	28-1	492148	494197	492129	492825	0.24	cps
Silver	107-1	125	125	167	139	17.32	cps
Silver	109-1	125	58	92	92	36.36	cps
Sodium	23-1	1894745	1869864	1844821	1869810	1.34	cps
Strontium	86-1	850	1125	858	945	16.56	cps
Strontium	88-1	5218	5084	5443	5248	3.45	cps
Sulfur	34-1	436437	438557	439887	438294	0.40	cps
Terbium	159-1	7268671	7310829	7141762	7240421	1.22	cps
Thallium	203-1	367	225	300	297	23.85	cps
Thallium	205-1	867	750	767	794	7.94	cps
Tin	118-1	475	517	517	503	4.78	cps
Titanium	47-1	308	308	192	269	25.00	cps
Uranium	238-1	75	50	42	56	31.22	cps
Vanadium	51-1	150	120	170	147	17.16	cps
Ytterbium	172-1	17	83	33	44	78.07	cps
Ytterbium	176-1	433	433	433	433	0.00	cps
Yttrium	89-1	9532509	9518974	9319290	9456925	1.26	cps
Zinc	66-1	831	811	851	831	2.41	cps
Zirconium	90-1	300	300	317	306	3.15	cps
Zirconium	91-1	75	92	92	86	11.18	cps