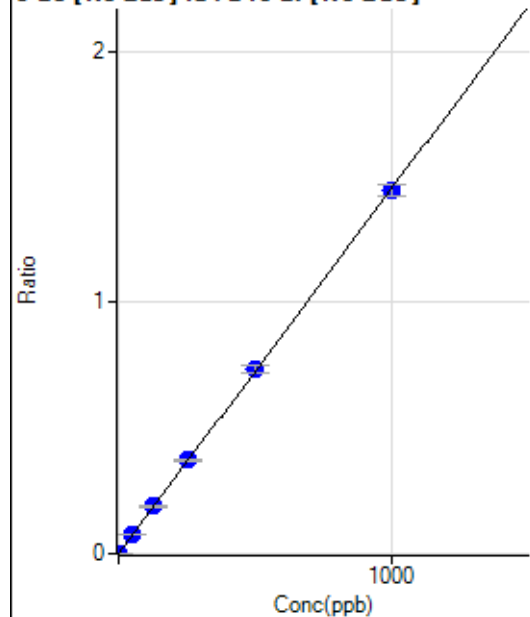


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7081825MS NO GAS.b\
Analysis File: P7081825MS NO GAS.batch.bin
DA Date-Time: 2025-08-19 09:28:08
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-08-18 13:22:18
2	006CALS.d	S02	2025-08-18 13:28:14
3	007CALS.d	S03	2025-08-18 13:31:10
4	008CALS.d	S04	2025-08-18 13:34:10
5	009CALS.d	S05	2025-08-18 13:37:08
6	010CALS.d	S06	2025-08-18 13:40:07
7	011CALS.d	S07	2025-08-18 13:43:03
8	012CALS.d	S08	2025-08-18 13:46:01

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.11	0.0000	P	39.1
2	☐	1.000	1.115	589.58	0.0017	P	7.8
3	☐	50.000	52.604	27514.12	0.0764	P	2.4
4	☐	125.000	129.807	68811.80	0.1886	P	3.0
5	☐	250.000	257.060	139638.18	0.3734	P	2.2
6	☐	500.000	506.372	279893.39	0.7356	P	3.4
7	☐	1000.000	994.318	564120.54	1.4443	P	3.1
8	☐			88.02	0.0002	P	31.1

$$y = 0.0015 * x + 3.6876E-005$$

$$R = 0.9999$$

$$DL = 0.02975$$

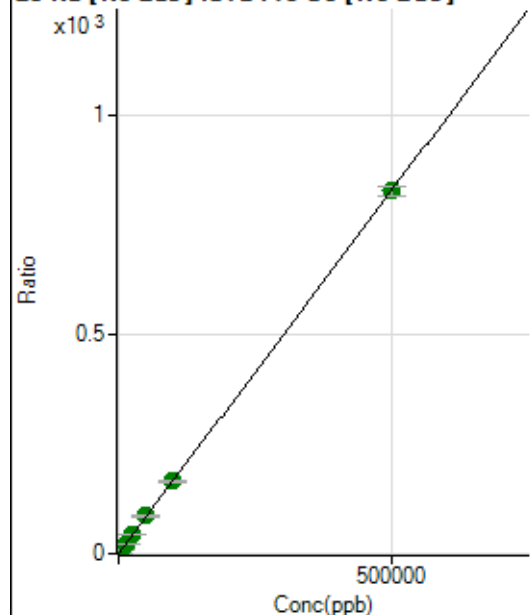
$$BEC = 0.02539$$

Weight: <None>

Min Conc: <None>

12 C [No Gas] No available calibration points

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	392444.67	0.1153	P	1.4
2	☐	500.000	513.465	3237766.34	0.9669	A	2.9
3	☐	5000.000	5064.277	28646208.18	8.5144	A	3.0
4	☐	12500.000	12721.604	71601839.49	21.2141	A	2.7
5	☐	25000.000	25883.150	145454348.95	43.0425	A	2.7
6	☐	50000.000	51696.785	293585131.18	85.8544	A	1.3
7	☐	100000.00	100106.55	587905720.13	166.142	A	2.8
8	☐	500000.00	499758.65	2947910213.8	828.965	A	2.4

$$y = 0.0017 * x + 0.1153$$

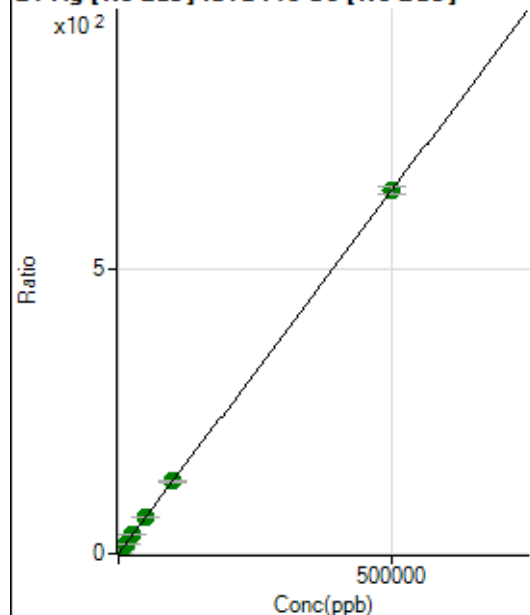
R = 1.0000

DL = 2.924

BEC = 69.53

Weight: <None>

Min Conc: <None>

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

	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	17262.03	0.0051	P	0.9
2	☐	500.000	497.701	2142976.34	0.6401	A	4.2
3	☐	5000.000	4934.848	21202049.82	6.3015	A	2.4
4	☐	12500.000	12426.307	53536168.09	15.8600	A	2.3
5	☐	25000.000	25349.066	109310223.93	32.3483	A	1.2
6	☐	50000.000	50933.090	222241403.36	64.9914	A	1.6
7	☐	100000.00	99675.121	450039815.52	127.182	A	2.8
8	☐	500000.00	499956.71	2268496872.8	637.907	A	2.0

$$y = 0.0013 * x + 0.0051$$

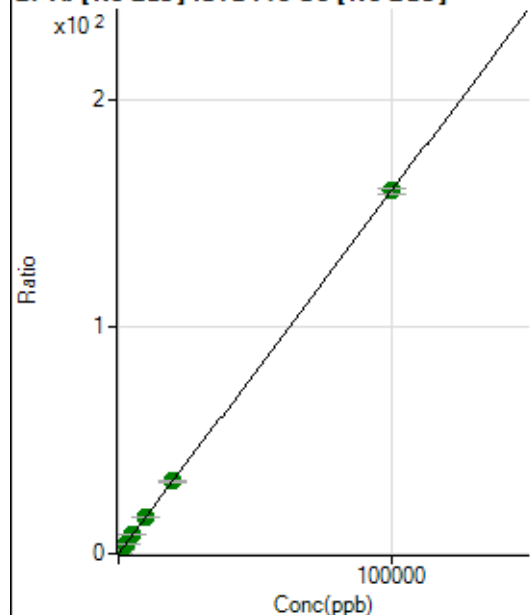
R = 1.0000

DL = 0.1048

BEC = 3.975

Weight: <None>

Min Conc: <None>

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	48416.39	0.0142	P	1.4
2	☐	20.000	19.780	153432.66	0.0458	P	3.2
3	☐	1000.000	985.950	5347225.65	1.5893	A	2.4
4	☐	2500.000	2492.991	13490331.05	3.9968	A	2.4
5	☐	5000.000	5108.632	27625196.81	8.1752	A	1.6
6	☐	10000.000	10058.875	54997630.85	16.0832	A	2.4
7	☐	20000.000	19920.690	112658413.88	31.8375	A	2.6
8	☐	100000.00	100004.85	568173244.87	159.771	A	1.8

$$y = 0.0016 * x + 0.0142$$

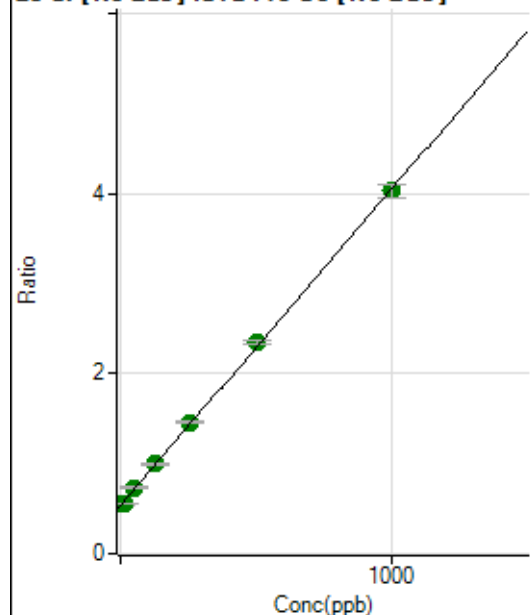
$$R = 1.0000$$

$$DL = 0.3671$$

$$BEC = 8.903$$

Weight: <None>

Min Conc: <None>

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1862898.08	0.5474	A	1.8
2	☐	10.000	2.534	1862991.43	0.5563	A	2.2
3	☐	50.000	53.346	2473268.17	0.7350	A	1.1
4	☐	125.000	128.334	3371347.24	0.9988	A	2.1
5	☐	250.000	259.656	4935844.13	1.4607	A	1.4
6	☐	500.000	512.051	8031067.80	2.3485	A	2.2
7	☐	1000.000	991.051	14271008.12	4.0333	A	3.6
8	☐			1893601.71	0.5325	A	1.1

$$y = 0.0035 * x + 0.5474$$

$$R = 0.9998$$

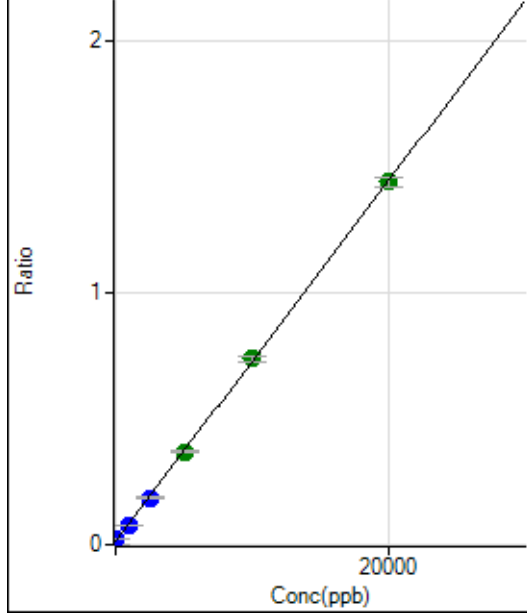
$$DL = 8.199$$

$$BEC = 155.6$$

Weight: <None>

Min Conc: <None>

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-127.053	10867.26	0.0032	P	1.2
2	☐	0.000	127.053	71545.55	0.0214	P	3.8
3	☐	1000.000	883.424	253937.18	0.0755	P	1.7
4	☐	2500.000	2403.919	621812.20	0.1842	P	2.8
5	☐	5000.000	4993.212	1248339.69	0.3694	A	1.4
6	☐	10000.000	10159.029	2526762.79	0.7389	A	3.0
7	☐	20000.000	19940.022	5090464.75	1.4386	A	2.5
8	☐			11760.14	0.0033	P	1.6

$$y = 7.1529\text{E-}005 * x + 0.0123$$

$$R = 0.9999$$

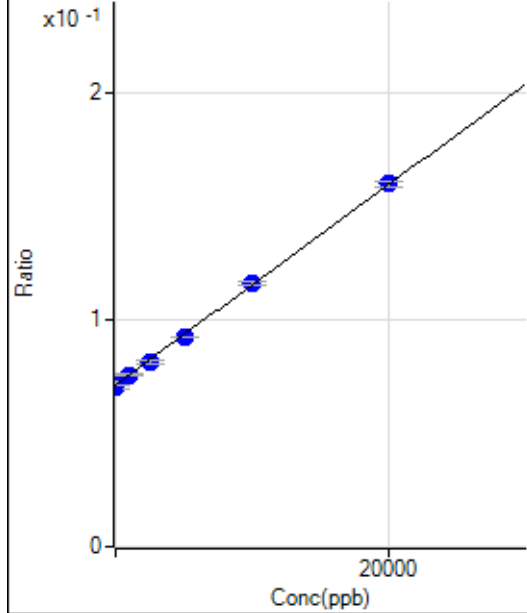
$$DL = 17.85$$

$$BEC = 171.7$$

Weight: <None>

Min Conc: <None>

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-200.758	240081.12	0.0705	P	1.9
2	☐	0.000	200.758	242186.95	0.0723	P	2.1
3	☐	1000.000	943.883	254380.44	0.0756	P	0.9
4	☐	2500.000	2253.100	274696.80	0.0814	P	1.9
5	☐	5000.000	4742.312	312109.35	0.0924	P	0.2
6	☐	10000.000	10089.222	396559.71	0.1160	P	1.1
7	☐	20000.000	20053.479	566048.18	0.1600	P	1.6
8	☐			219097.63	0.0616	P	0.6

$$y = 4.4142\text{E-}006 * x + 0.0714$$

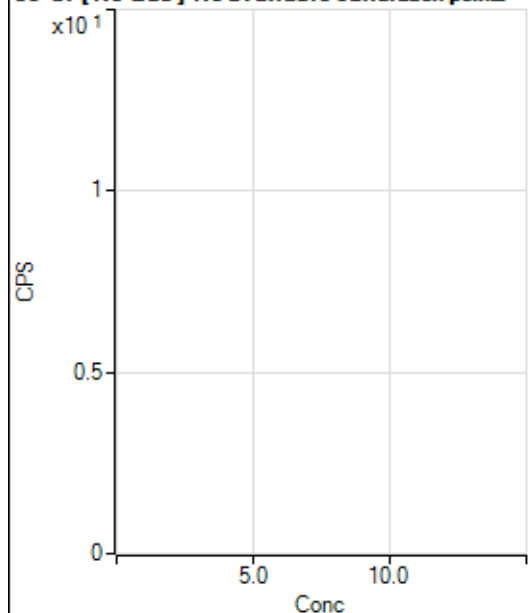
$$R = 0.9997$$

$$DL = 971$$

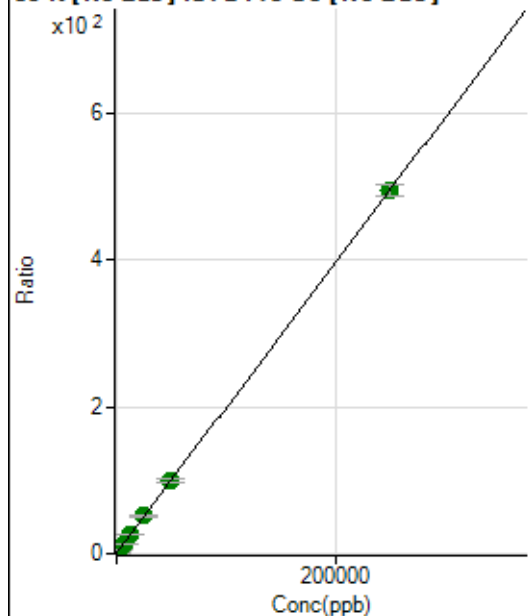
$$BEC = 1.618\text{E}+04$$

Weight: <None>

Min Conc: <None>

35 Cl [No Gas] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3230578.88	0.9492	A	1.0
2	☐	500.000	515.044	6581663.45	1.9652	A	1.9
3	☐	2500.000	2553.822	20144443.03	5.9871	A	2.0
4	☐	6250.000	6403.781	45844148.21	13.5819	A	2.6
5	☐	12500.000	12752.035	88210876.46	26.1051	A	0.3
6	☐	25000.000	25558.401	175653267.38	51.3681	A	2.5
7	☐	50000.000	50003.777	352412714.75	99.5914	A	3.3
8	☐	250000.00	249926.39	1756635564.9	493.977	A	3.3

$$y = 0.0020 * x + 0.9492$$

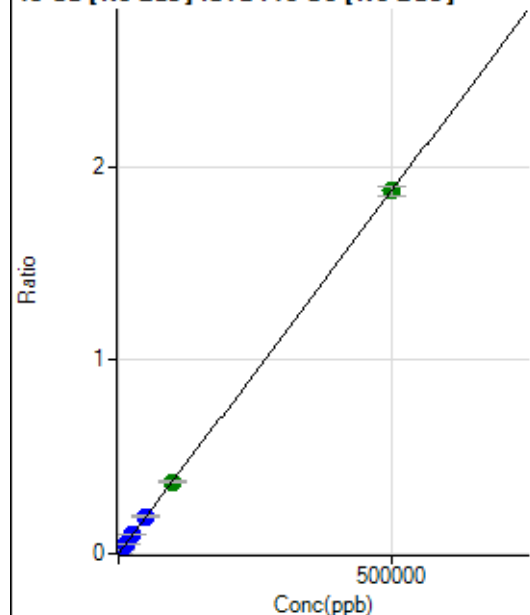
$$R = 1.0000$$

$$DL = 13.93$$

$$BEC = 481.2$$

Weight: <None>

Min Conc: <None>

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	646.69	0.0002	P	5.8
2	☐	500.000	509.171	7022.80	0.0021	P	3.4
3	☐	5000.000	5208.765	66294.59	0.0197	P	1.0
4	☐	12500.000	12957.881	164470.43	0.0487	P	3.0
5	☐	25000.000	25853.918	327899.10	0.0970	P	1.6
6	☐	50000.000	51287.456	657595.58	0.1923	P	1.9
7	☐	100000.00	98604.550	1307701.28	0.3696	A	2.5
8	☐	500000.00	500094.10	6662474.14	1.8735	A	2.5

$$y = 3.7459\text{E-}006 * x + 1.8997\text{E-}004$$

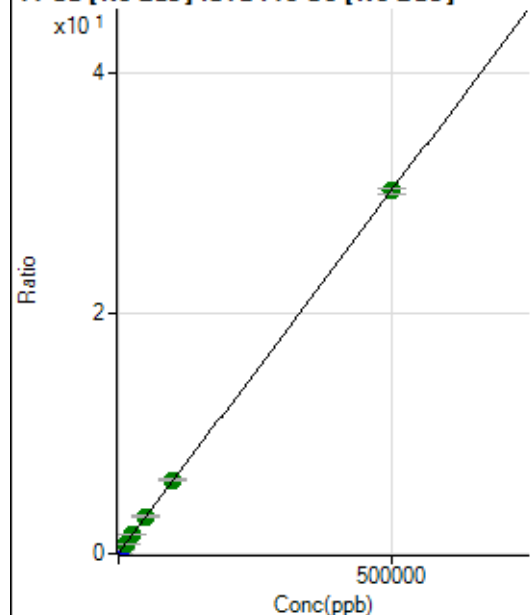
$$R = 1.0000$$

$$DL = 8.886$$

$$BEC = 50.71$$

Weight: <None>

Min Conc: <None>

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	75926.50	0.0223	P	1.8
2	☐	500.000	521.591	180106.94	0.0538	P	2.7
3	☐	5000.000	5204.592	1131794.33	0.3364	P	2.1
4	☐	12500.000	12606.460	2643015.78	0.7830	A	2.6
5	☐	25000.000	25434.910	5262005.30	1.5572	A	2.2
6	☐	50000.000	50894.161	10578402.76	3.0935	A	2.7
7	☐	100000.00	100774.78	21598161.34	6.1036	A	2.7
8	☐	500000.00	499729.15	107319686.18	30.1785	A	1.7

$$y = 6.0345\text{E-}005 * x + 0.0223$$

$$R = 1.0000$$

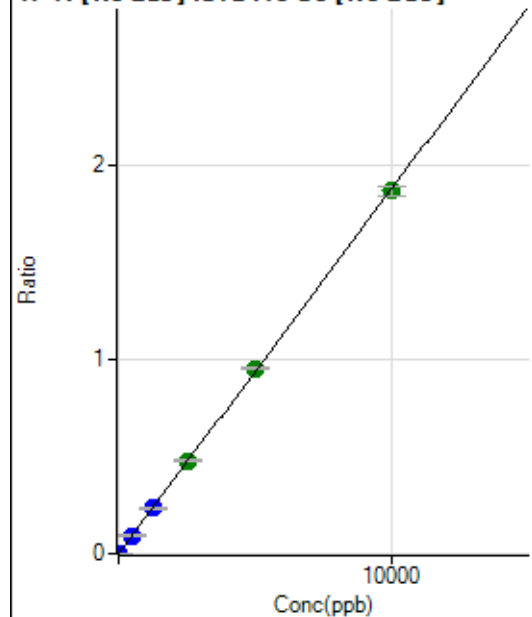
$$DL = 20.43$$

$$BEC = 369.7$$

Weight: <None>

Min Conc: <None>

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	118.89	0.0000	P	21.6
2	☐	5.000	5.264	3424.87	0.0010	P	6.3
3	☐	500.000	497.435	314353.45	0.0934	P	2.3
4	☐	1250.000	1244.308	788638.16	0.2337	P	2.9
5	☐	2500.000	2539.749	1611394.86	0.4769	A	2.2
6	☐	5000.000	5078.685	3260883.21	0.9536	A	0.6
7	☐	10000.000	9951.560	6611723.86	1.8684	A	2.8
8	☐			555.57	0.0002	P	11.0

$$y = 1.8775E-004 * x + 3.4977E-005$$

$$R = 0.9999$$

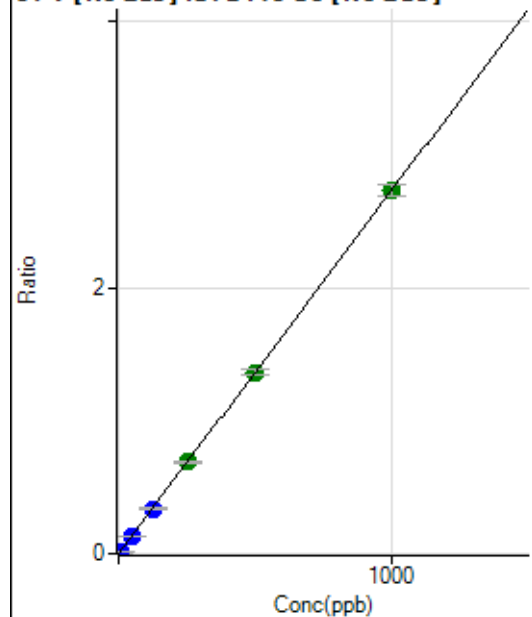
$$DL = 0.1206$$

$$BEC = 0.1863$$

Weight: <None>

Min Conc: <None>

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	450.01	0.0001	P	27.1
2	☐	5.000	5.055	46588.75	0.0139	P	2.7
3	☐	50.000	49.457	454049.78	0.1349	P	2.2
4	☐	125.000	123.332	1135140.77	0.3363	P	3.2
5	☐	250.000	252.426	2325518.96	0.6882	A	2.3
6	☐	500.000	500.306	4664078.30	1.3639	A	3.1
7	☐	1000.000	999.476	9640922.98	2.7246	A	3.2
8	☐			4456.27	0.0013	P	4.3

$$y = 0.0027 * x + 1.3189E-004$$

$$R = 1.0000$$

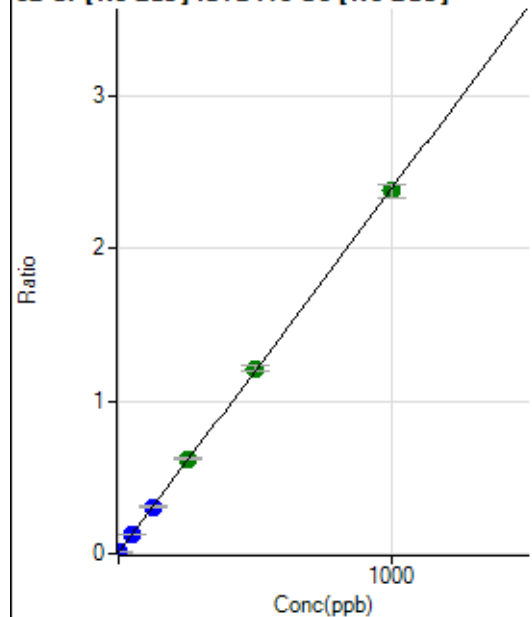
$$DL = 0.0393$$

$$BEC = 0.04838$$

Weight: <None>

Min Conc: <None>

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	21509.94	0.0063	P	2.0
2	☐	2.000	2.106	37977.82	0.0113	P	3.1
3	☐	50.000	50.246	424455.77	0.1262	P	2.4
4	☐	125.000	125.867	1034577.22	0.3065	P	2.7
5	☐	250.000	257.326	2095195.60	0.6200	A	1.5
6	☐	500.000	507.008	4156446.43	1.2155	A	3.0
7	☐	1000.000	994.544	8414944.74	2.3783	A	3.8
8	☐			57851.77	0.0163	P	0.9

$$y = 0.0024 * x + 0.0063$$

$$R = 0.9999$$

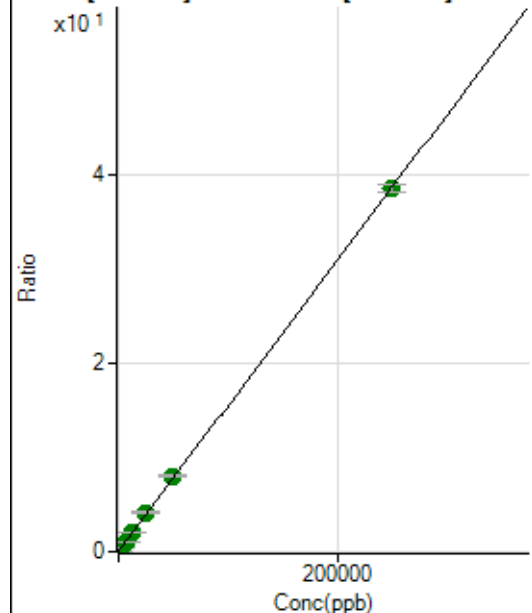
$$DL = 0.1604$$

$$BEC = 2.65$$

Weight: <None>

Min Conc: <None>

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	183644.64	0.0540	P	0.9
2	☐	50.000	54.480	208755.07	0.0623	P	2.6
3	☐	2500.000	2731.705	1595571.23	0.4743	A	3.6
4	☐	6250.000	6662.373	3642225.43	1.0791	A	2.9
5	☐	12500.000	13208.138	7049663.65	2.0862	A	1.0
6	☐	25000.000	26361.006	14054818.96	4.1100	A	4.2
7	☐	50000.000	51668.335	28321047.91	8.0039	A	3.5
8	☐	250000.00	249482.19	136700136.85	38.4406	A	2.2

$$y = 1.5387E-004 * x + 0.0540$$

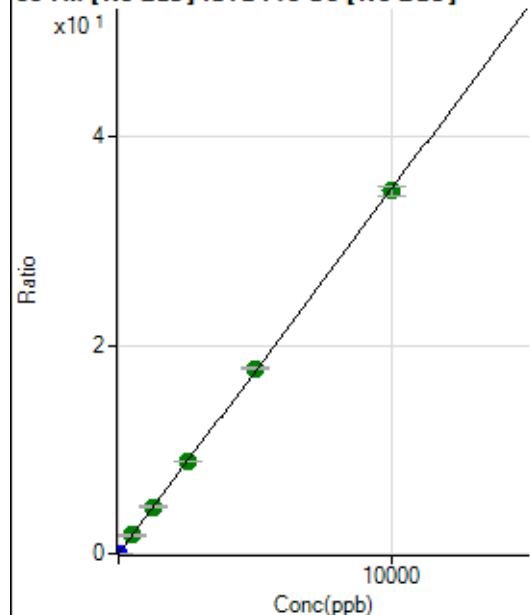
$$R = 1.0000$$

$$DL = 9.684$$

$$BEC = 350.7$$

Weight: <None>

Min Conc: <None>

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

	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	10681.65	0.0031	P	3.4
2	☐	1.000	0.953	21674.64	0.0065	P	3.0
3	☐	500.000	506.900	5978212.96	1.7769	A	2.8
4	☐	1250.000	1277.097	15092736.58	4.4719	A	3.9
5	☐	2500.000	2523.037	29843057.33	8.8317	A	0.8
6	☐	5000.000	5083.013	60832054.65	17.7895	A	1.8
7	☐	10000.000	9949.002	123203460.39	34.8165	A	2.6
8	☐			52761.10	0.0148	P	2.1

$$y = 0.0035 * x + 0.0031$$

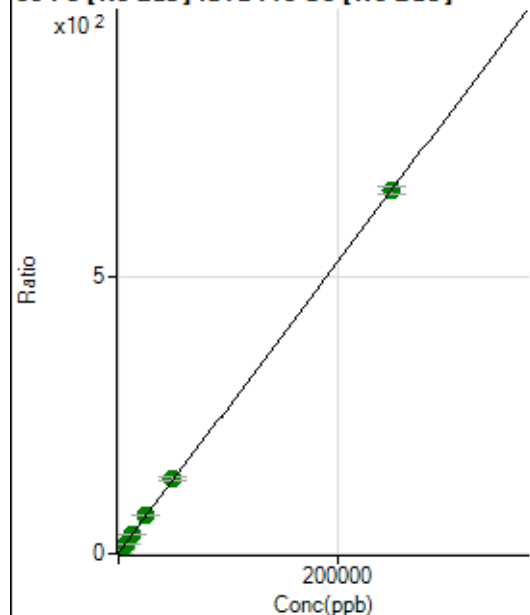
$$R = 0.9999$$

$$DL = 0.09172$$

$$BEC = 0.8966$$

Weight: <None>

Min Conc: <None>

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

	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5078922.32	1.4922	A	0.7
2	☐	50.000	59.707	5521573.94	1.6486	A	1.7
3	☐	2500.000	2620.095	28112410.14	8.3557	A	2.8
4	☐	6250.000	6532.725	62797220.73	18.6051	A	2.8
5	☐	12500.000	13058.484	120638433.76	35.6996	A	1.6
6	☐	25000.000	26147.787	239324645.33	69.9877	A	2.2
7	☐	50000.000	51363.421	481334068.38	136.041	A	4.1
8	☐	250000.00	249576.34	2330235431.9	655.270	A	2.1

$$y = 0.0026 * x + 1.4922$$

$$R = 1.0000$$

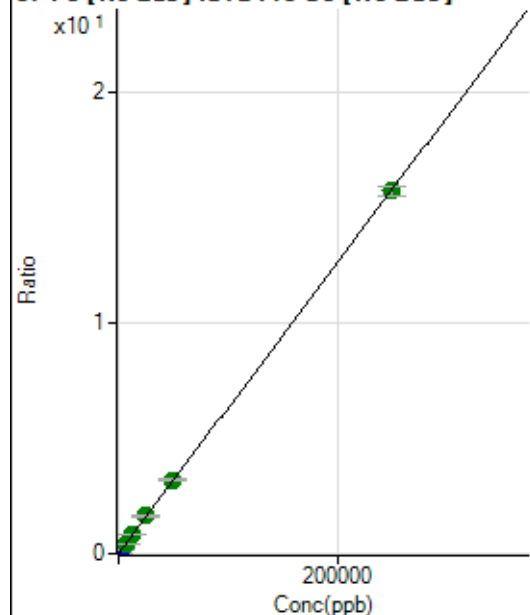
$$DL = 12.65$$

$$BEC = 569.7$$

Weight: <None>

Min Conc: <None>

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	29687.15	0.0087	P	1.6
2	☐	50.000	54.807	40759.65	0.0122	P	2.8
3	☐	2500.000	2604.233	580783.17	0.1726	P	2.3
4	☐	6250.000	6484.517	1406802.01	0.4168	A	3.5
5	☐	12500.000	12880.710	2768681.42	0.8193	A	1.7
6	☐	25000.000	25875.913	5598177.56	1.6372	A	2.5
7	☐	50000.000	50807.294	11344788.44	3.2062	A	3.8
8	☐	250000.00	249725.00	55918850.84	15.7246	A	2.5

$$y = 6.2933\text{E-}005 * x + 0.0087$$

$$R = 1.0000$$

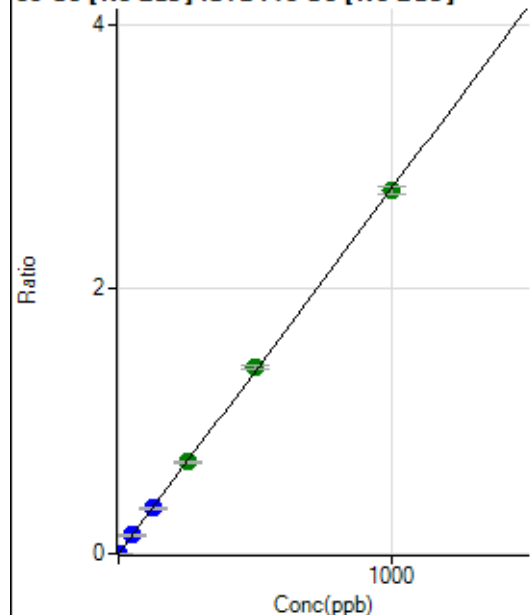
$$DL = 6.687$$

$$BEC = 138.6$$

Weight: <None>

Min Conc: <None>

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	364.46	0.0001	P	41.2
2	☐	1.000	1.057	10112.37	0.0030	P	4.8
3	☐	50.000	50.225	466235.86	0.1386	P	1.8
4	☐	125.000	124.593	1159626.70	0.3436	P	3.3
5	☐	250.000	252.143	2349132.33	0.6952	A	1.6
6	☐	500.000	510.834	4816045.80	1.4084	A	2.3
7	☐	1000.000	994.087	9698310.55	2.7406	A	2.0
8	☐			14791.85	0.0042	P	0.5

$$y = 0.0028 * x + 1.0667\text{E-}004$$

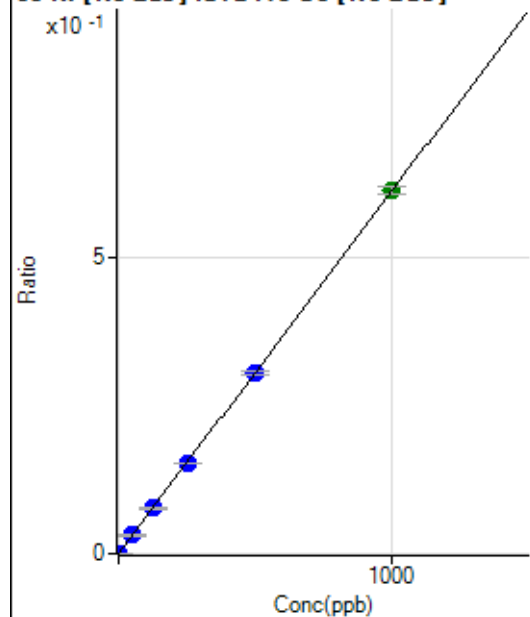
$$R = 0.9999$$

$$DL = 0.04779$$

$$BEC = 0.03869$$

Weight: <None>

Min Conc: <None>

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

	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1112.27	0.0003	P	4.7
2	☐	1.000	0.941	3018.11	0.0009	P	1.5
3	☐	50.000	50.050	103950.46	0.0309	P	2.3
4	☐	125.000	126.040	260926.31	0.0773	P	2.9
5	☐	250.000	249.116	515229.18	0.1525	P	1.6
6	☐	500.000	496.919	1038939.98	0.3038	P	2.0
7	☐	1000.000	1001.629	2165943.77	0.6121	A	2.3
8	☐			8876.04	0.0025	P	3.0

$$y = 6.1076E-004 * x + 3.2665E-004$$

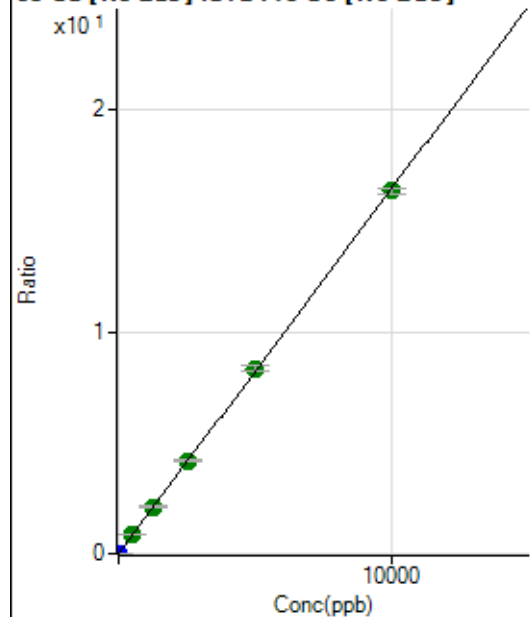
$$R = 1.0000$$

$$DL = 0.07523$$

$$BEC = 0.5348$$

Weight: <None>

Min Conc: <None>

63 Cu [No Gas] ISTD:45 Sc [No Gas]

	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3012.55	0.0009	P	1.6
2	☐	2.000	1.884	13342.73	0.0040	P	4.1
3	☐	500.000	511.436	2835413.22	0.8427	A	1.1
4	☐	1250.000	1274.730	7083924.55	2.0989	A	3.1
5	☐	2500.000	2546.032	14163347.98	4.1914	A	2.9
6	☐	5000.000	5082.404	28608842.91	8.3660	A	2.9
7	☐	10000.000	9943.627	57920381.91	16.3670	A	1.8
8	☐			48617.87	0.0137	P	4.5

$$y = 0.0016 * x + 8.8496E-004$$

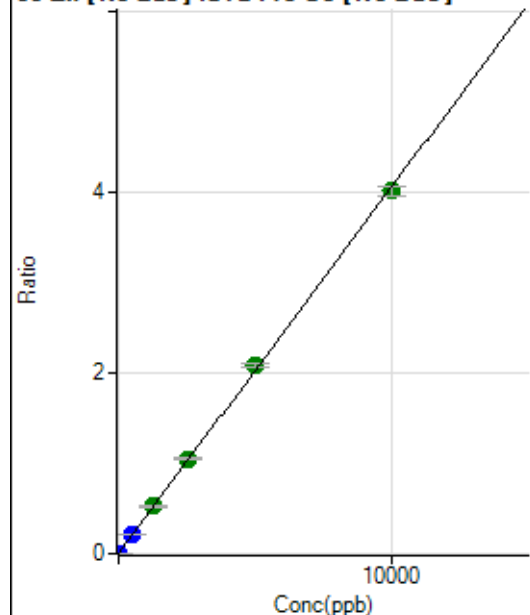
$$R = 0.9999$$

$$DL = 0.02637$$

$$BEC = 0.5377$$

Weight: <None>

Min Conc: <None>

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

	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8868.26	0.0026	P	1.9
2	☐	5.000	5.142	15705.05	0.0047	P	3.9
3	☐	500.000	509.112	703273.28	0.2090	P	2.0
4	☐	1250.000	1291.745	1776532.11	0.5263	A	2.9
5	☐	2500.000	2569.643	3529389.04	1.0444	A	1.9
6	☐	5000.000	5157.383	7159312.60	2.0936	A	2.1
7	☐	10000.000	9898.224	14209488.82	4.0157	A	3.0
8	☐			21097.25	0.0059	P	1.1

$$y = 4.0544\text{E-}004 * x + 0.0026$$

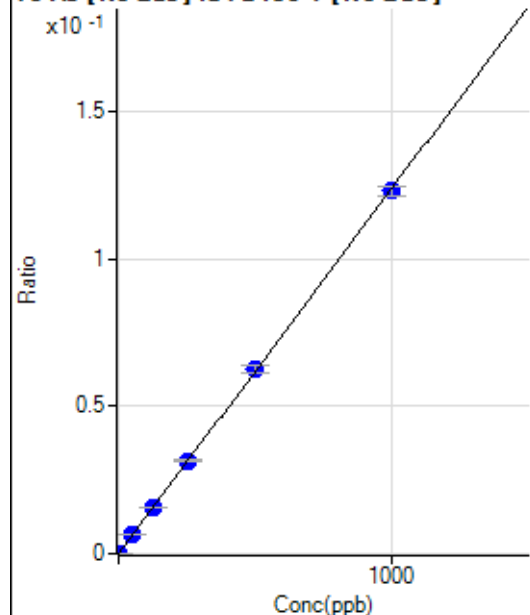
$$R = 0.9998$$

$$DL = 0.3625$$

$$BEC = 6.427$$

Weight: <None>

Min Conc: <None>

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

	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-1157.47	-0.0001	P	-22.3
2	☐	1.000	0.952	-148.97	0.0000	P	-19.2
3	☐	50.000	51.172	52588.49	0.0062	P	1.5
4	☐	125.000	126.754	134752.50	0.0156	P	3.1
5	☐	250.000	254.593	268210.05	0.0314	P	1.9
6	☐	500.000	507.103	547715.94	0.0626	P	4.2
7	☐	1000.000	995.022	1104331.24	0.1231	P	2.4
8	☐			229.95	0.0000	P	75.2

$$y = 1.2381\text{E-}004 * x - 1.3544\text{E-}004$$

$$R = 1.0000$$

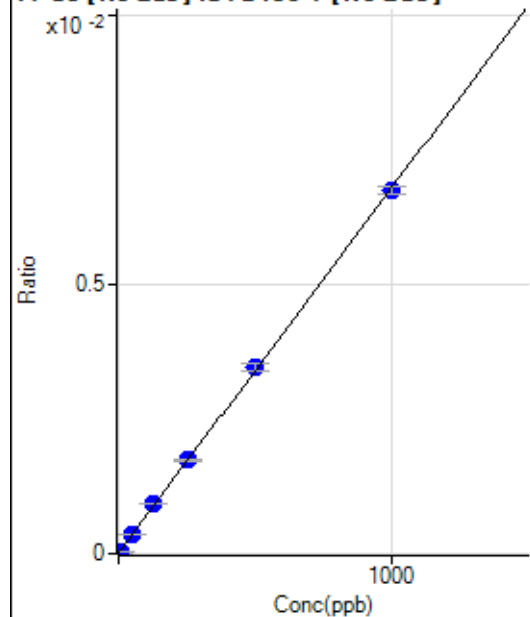
$$DL = 0.7318$$

$$BEC = -1.094$$

Weight: <None>

Min Conc: <None>

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	123.34	0.0000	P	38.9
2	☐	5.000	4.715	394.46	0.0000	P	9.2
3	☐	50.000	52.402	3138.14	0.0004	P	2.6
4	☐	125.000	133.387	7963.33	0.0009	P	1.3
5	☐	250.000	253.900	14842.03	0.0017	P	2.1
6	☐	500.000	510.493	30403.61	0.0035	P	4.1
7	☐	1000.000	992.612	60558.18	0.0067	P	2.3
8	☐			245.56	0.0000	P	12.7

$$y = 6.7839\text{E-}006 * x + 1.4405\text{E-}005$$

$$R = 0.9999$$

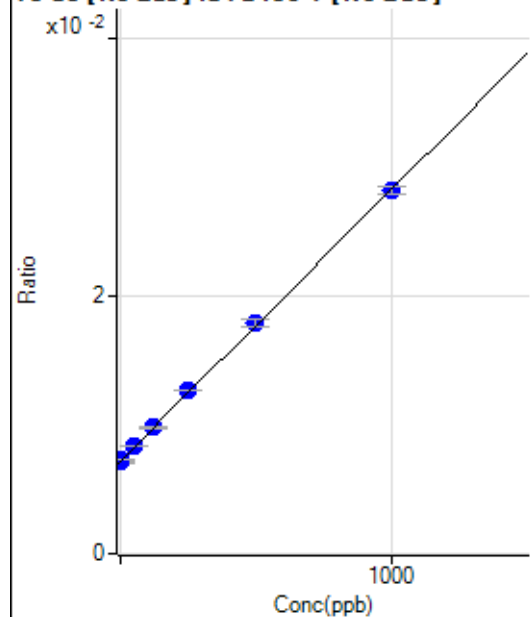
$$DL = 2.478$$

$$BEC = 2.123$$

Weight: <None>

Min Conc: <None>

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	60947.95	0.0071	P	1.6
2	☐	5.000	8.441	62187.73	0.0073	P	1.6
3	☐	50.000	58.045	70908.67	0.0084	P	1.6
4	☐	125.000	127.077	85079.32	0.0098	P	1.9
5	☐	250.000	262.027	108361.29	0.0127	P	0.7
6	☐	500.000	508.898	156587.65	0.0179	P	2.8
7	☐	1000.000	991.865	252500.38	0.0281	P	2.0
8	☐			58949.98	0.0065	P	0.7

$$y = 2.1178\text{E-}005 * x + 0.0071$$

$$R = 0.9999$$

$$DL = 15.83$$

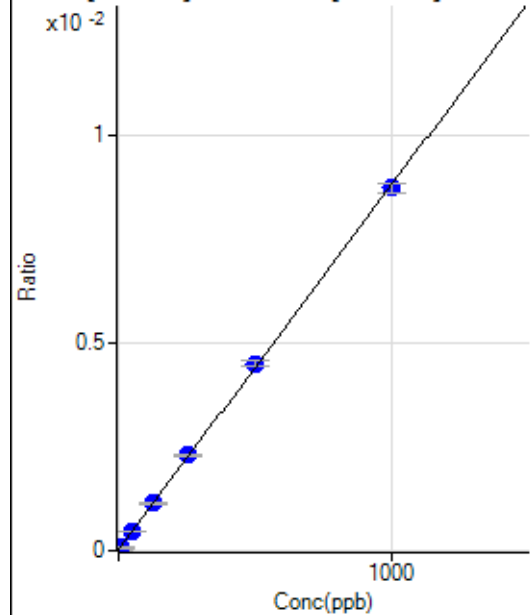
$$BEC = 336.7$$

Weight: <None>

Min Conc: <None>

81 Br [No Gas] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			7484.20		P	2.4
2	☐			7544.21		P	1.3
3	☐			7204.04		P	2.7
4	☐			7506.44		P	1.5
5	☐			7205.17		P	3.5
6	☐			7210.73		P	5.5
7	☐			7127.35		P	1.4
8	☐			7284.07		P	0.8

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

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	196.35	0.0000	P	35.7
2	☐	5.000	5.397	597.32	0.0001	P	5.4
3	☐	50.000	51.692	4037.83	0.0005	P	0.8
4	☐	125.000	128.235	9933.99	0.0011	P	3.3
5	☐	250.000	258.643	19570.42	0.0023	P	1.9
6	☐	500.000	511.062	39370.94	0.0045	P	3.1
7	☐	1000.000	991.817	78226.28	0.0087	P	2.3
8	☐			317.83	0.0000	P	8.2

$$y = 8.7658E-006 * x + 2.2925E-005$$

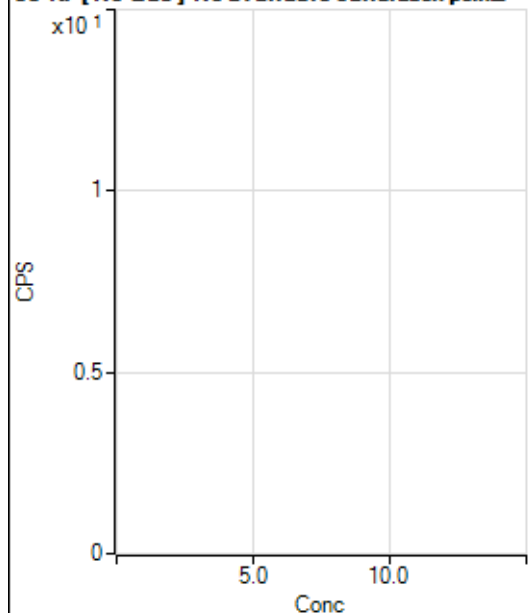
$$R = 0.9999$$

$$DL = 2.799$$

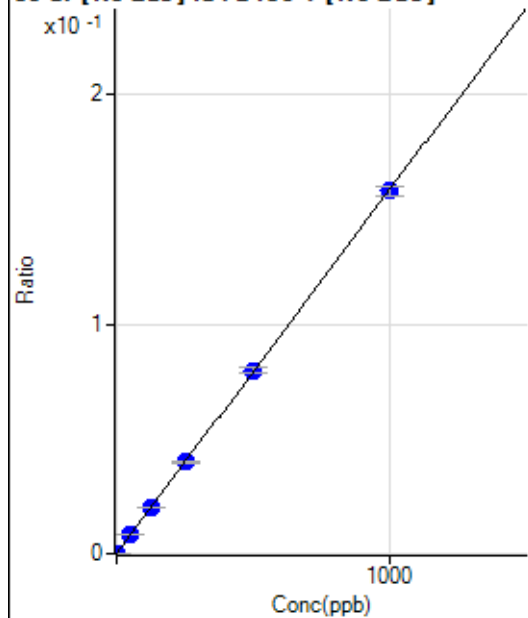
$$BEC = 2.615$$

Weight: <None>

Min Conc: <None>

83 Kr [No Gas] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			541.12		P	5.8
2	☐			520.01		P	4.8
3	☐			560.02		P	6.3
4	☐			583.35		P	3.7
5	☐			525.57		P	9.2
6	☐			568.91		P	4.7
7	☐			563.35		P	11.3
8	☐			556.68		P	2.4

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

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	858.92	0.0001	P	6.9
2	☐	1.000	1.002	2204.63	0.0003	P	6.2
3	☐	50.000	51.133	69576.09	0.0082	P	2.5
4	☐	125.000	125.895	173668.91	0.0201	P	2.6
5	☐	250.000	252.720	343096.45	0.0401	P	1.8
6	☐	500.000	504.090	699330.37	0.0800	P	3.6
7	☐	1000.000	997.106	1418888.78	0.1581	P	2.6
8	☐			18757.63	0.0021	P	1.9

$$y = 1.5847E-004 * x + 1.0038E-004$$

$$R = 1.0000$$

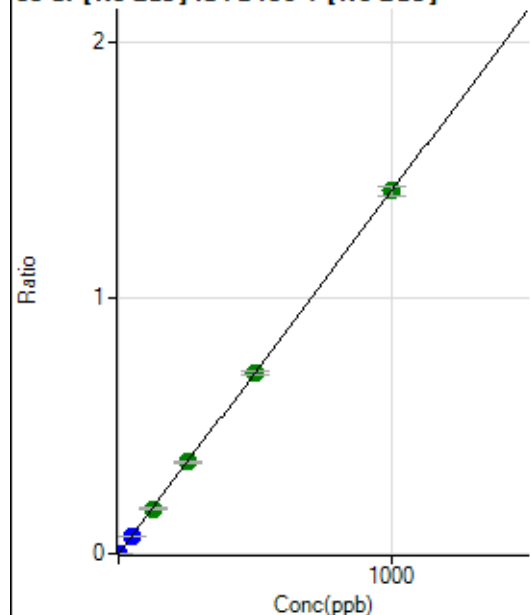
$$DL = 0.1308$$

$$BEC = 0.6334$$

Weight: <None>

Min Conc: <None>

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	568.91	0.0001	P	8.7
2	☐	1.000	0.971	12268.57	0.0014	P	3.8
3	☐	50.000	49.438	594690.94	0.0701	P	1.5
4	☐	125.000	124.495	1528356.68	0.1765	A	3.0
5	☐	250.000	252.135	3053435.82	0.3573	A	2.5
6	☐	500.000	498.434	6175788.80	0.7063	A	2.9
7	☐	1000.000	1000.341	12719990.09	1.4175	A	2.7
8	☐			155326.38	0.0170	P	2.0

$$y = 0.0014 * x + 6.6571E-005$$

$$R = 1.0000$$

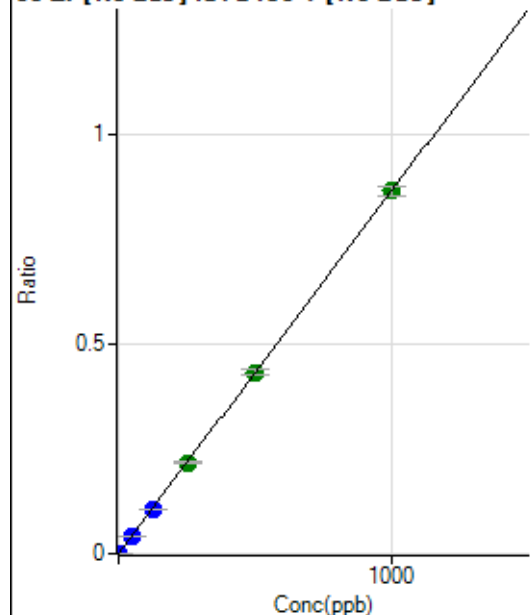
$$DL = 0.01221$$

$$BEC = 0.04698$$

Weight: <None>

Min Conc: <None>

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	314.45	0.0000	P	3.9
2	☐	1.000	1.019	7794.36	0.0009	P	3.1
3	☐	50.000	48.842	357961.47	0.0422	P	2.4
4	☐	125.000	121.191	906586.83	0.1047	P	2.7
5	☐	250.000	249.602	1841842.73	0.2155	A	2.4
6	☐	500.000	500.867	3781265.22	0.4325	A	3.6
7	☐	1000.000	1000.200	7749553.98	0.8636	A	3.0
8	☐			6962.83	0.0008	P	1.8

$$y = 8.6337E-004 * x + 3.6804E-005$$

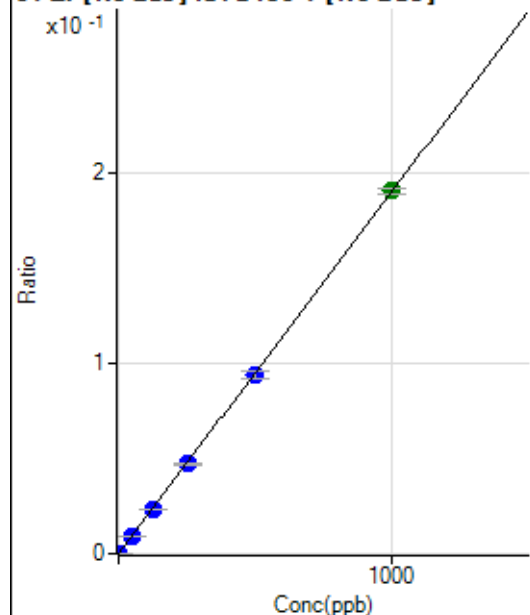
$$R = 1.0000$$

$$DL = 0.004944$$

$$BEC = 0.04263$$

Weight: <None>

Min Conc: <None>

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	78.89	0.0000	P	31.7
2	☐	1.000	1.031	1745.68	0.0002	P	8.7
3	☐	50.000	49.446	79875.55	0.0094	P	2.1
4	☐	125.000	122.551	202044.43	0.0233	P	2.8
5	☐	250.000	248.656	404394.80	0.0473	P	1.7
6	☐	500.000	494.346	822492.96	0.0941	P	3.5
7	☐	1000.000	1003.497	1713630.10	0.1909	A	1.9
8	☐			1574.55	0.0002	P	6.4

$$y = 1.9028\text{E-}004 * x + 9.1803\text{E-}006$$

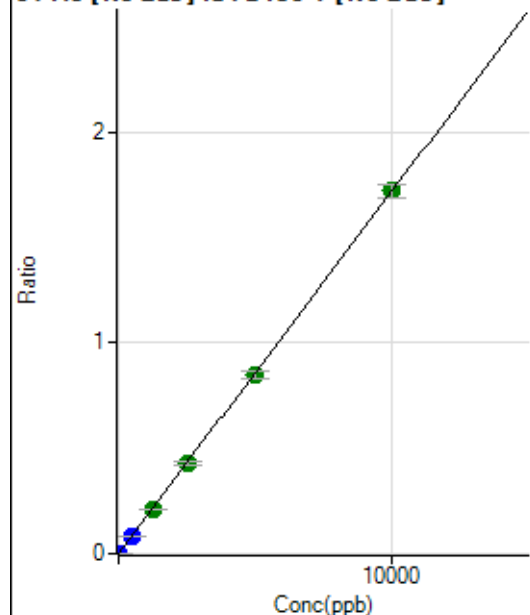
$$R = 1.0000$$

$$DL = 0.04587$$

$$BEC = 0.04825$$

Weight: <None>

Min Conc: <None>

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	247.78	0.0000	P	13.4
2	☐	5.000	6.040	9075.11	0.0011	P	1.6
3	☐	500.000	496.777	724137.01	0.0854	P	1.7
4	☐	1250.000	1222.116	1818586.57	0.2100	A	3.8
5	☐	2500.000	2492.073	3658839.56	0.4282	A	3.8
6	☐	5000.000	4964.395	7457265.51	0.8529	A	4.3
7	☐	10000.000	10023.430	15453718.38	1.7221	A	3.4
8	☐			4825.28	0.0005	P	2.1

$$y = 1.7180\text{E-}004 * x + 2.8927\text{E-}005$$

$$R = 1.0000$$

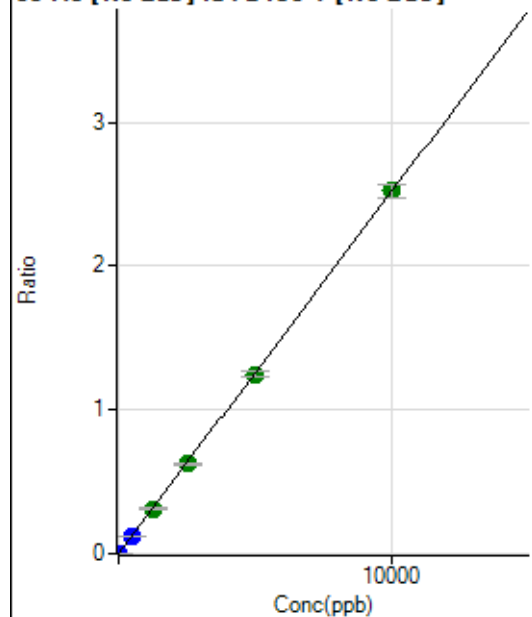
$$DL = 0.06744$$

$$BEC = 0.1684$$

Weight: <None>

Min Conc: <None>

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	238.89	0.0000	P	7.0
2	☐	5.000	4.950	10835.22	0.0013	P	1.4
3	☐	500.000	491.519	1049172.78	0.1237	P	2.1
4	☐	1250.000	1238.647	2699547.67	0.3117	A	3.1
5	☐	2500.000	2491.051	5356514.16	0.6268	A	2.2
6	☐	5000.000	4963.337	10919558.86	1.2489	A	3.6
7	☐	10000.000	10022.412	22630229.94	2.5219	A	3.4
8	☐			3844.99	0.0004	P	4.5

$$y = 2.5162\text{E-}004 * x + 2.7915\text{E-}005$$

$$R = 1.0000$$

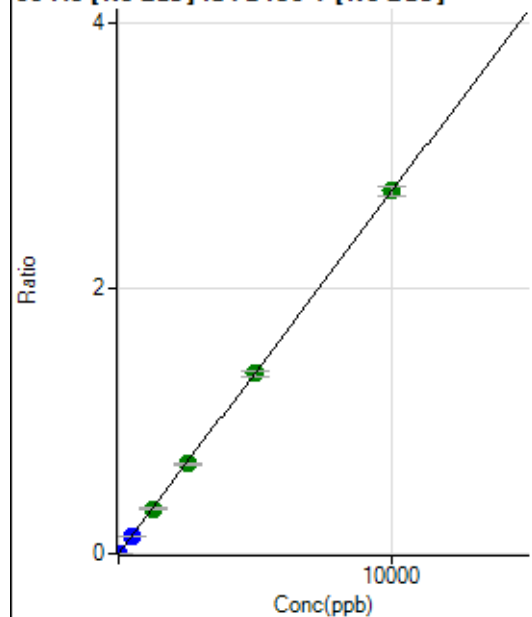
$$DL = 0.02316$$

$$BEC = 0.1109$$

Weight: <None>

Min Conc: <None>

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	262.23	0.0000	P	20.8
2	☐	5.000	5.073	12023.93	0.0014	P	2.8
3	☐	500.000	488.427	1129483.64	0.1332	P	1.9
4	☐	1250.000	1228.510	2900569.30	0.3349	A	3.8
5	☐	2500.000	2481.490	5780809.63	0.6765	A	1.5
6	☐	5000.000	4978.583	11866548.85	1.3572	A	3.2
7	☐	10000.000	10018.601	24508022.97	2.7310	A	2.4
8	☐			6646.02	0.0007	P	3.8

$$y = 2.7259\text{E-}004 * x + 3.0617\text{E-}005$$

$$R = 1.0000$$

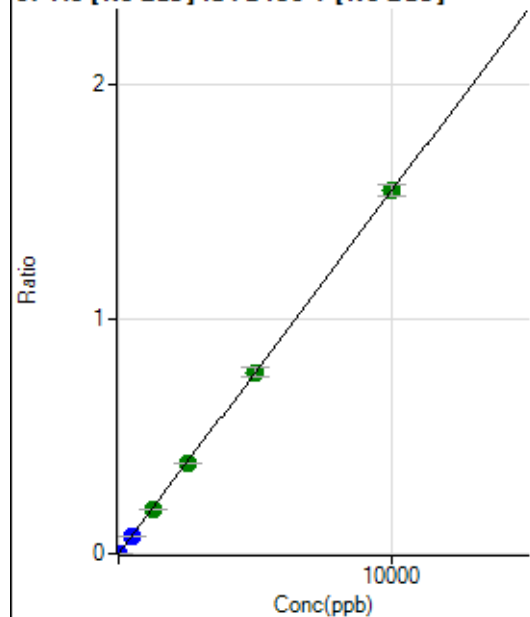
$$DL = 0.07$$

$$BEC = 0.1123$$

Weight: <None>

Min Conc: <None>

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	264.45	0.0000	P	5.9
2	☐	5.000	4.895	6689.37	0.0008	P	1.2
3	☐	500.000	493.094	645421.91	0.0761	P	2.2
4	☐	1250.000	1222.104	1633271.02	0.1886	A	2.2
5	☐	2500.000	2503.124	3300206.96	0.3862	A	1.1
6	☐	5000.000	4997.885	6740643.58	0.7710	A	4.9
7	☐	10000.000	10004.109	13849703.82	1.5434	A	3.1
8	☐			2499.12	0.0003	P	1.4

$$y = 1.5427E-004 * x + 3.0915E-005$$

$$R = 1.0000$$

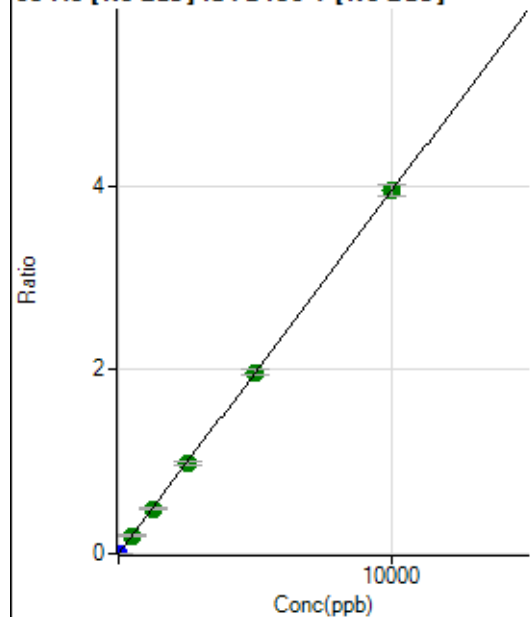
$$DL = 0.0354$$

$$BEC = 0.2004$$

Weight: <None>

Min Conc: <None>

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	332.23	0.0000	P	16.4
2	☐	5.000	4.977	17026.73	0.0020	P	2.1
3	☐	500.000	498.792	1668702.84	0.1968	A	2.2
4	☐	1250.000	1234.186	4216159.10	0.4868	A	2.7
5	☐	2500.000	2496.545	8414010.71	0.9846	A	2.6
6	☐	5000.000	4995.206	17225581.55	1.9700	A	3.1
7	☐	10000.000	10005.298	35409391.41	3.9459	A	3.1
8	☐			5997.96	0.0007	P	6.5

$$y = 3.9438E-004 * x + 3.8773E-005$$

$$R = 1.0000$$

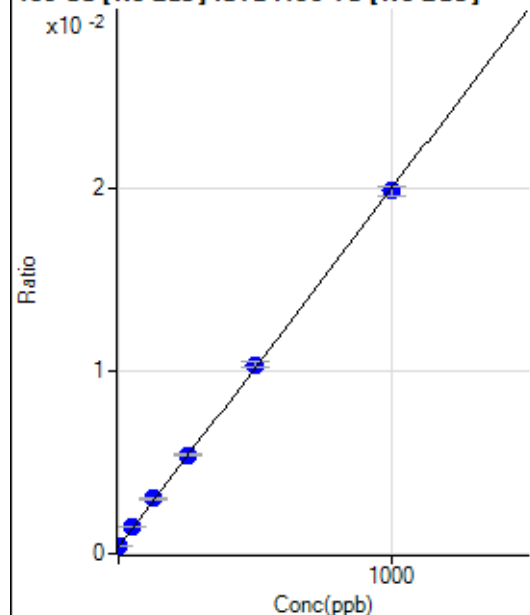
$$DL = 0.04835$$

$$BEC = 0.09831$$

Weight: <None>

Min Conc: <None>

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1969.04	0.0004	P	2.8
2	☐	1.000	1.329	2053.50	0.0004	P	2.7
3	☐	50.000	52.814	6953.96	0.0014	P	1.1
4	☐	125.000	133.862	14743.16	0.0030	P	5.0
5	☐	250.000	255.210	27284.69	0.0054	P	2.7
6	☐	500.000	508.704	53694.77	0.0104	P	2.2
7	☐	1000.000	993.097	105184.56	0.0199	P	2.5
8	☐			2281.31	0.0004	P	2.4

$$y = 1.9595\text{E-}005 * x + 3.9998\text{E-}004$$

$$R = 0.9999$$

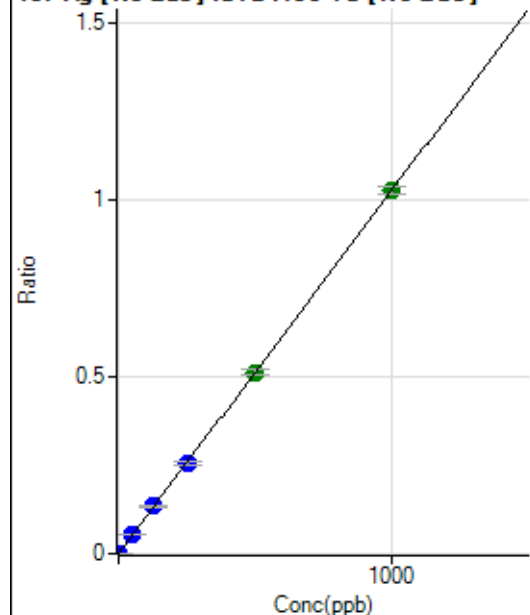
$$DL = 1.718$$

$$BEC = 20.41$$

Weight: <None>

Min Conc: <None>

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	103.33	0.0000	P	2.4
2	☐	1.000	1.104	5555.57	0.0012	P	4.7
3	☐	50.000	51.654	256649.32	0.0530	P	1.4
4	☐	125.000	129.808	649073.46	0.1331	P	3.0
5	☐	250.000	248.934	1289041.29	0.2551	P	2.4
6	☐	500.000	499.698	2652223.07	0.5121	A	3.8
7	☐	1000.000	999.734	5426874.81	1.0246	A	2.2
8	☐			1432.32	0.0003	P	48.7

$$y = 0.0010 * x + 2.0991\text{E-}005$$

$$R = 1.0000$$

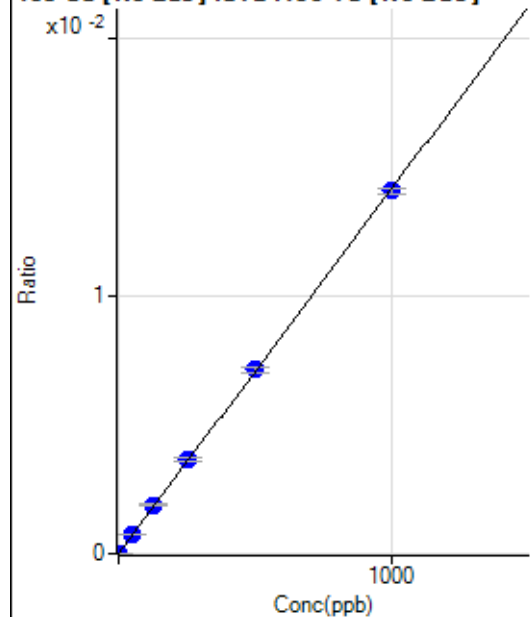
$$DL = 0.00149$$

$$BEC = 0.02048$$

Weight: <None>

Min Conc: <None>

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	15.56	0.0000	P	33.8
2	☐	1.000	0.965	81.11	0.0000	P	13.5
3	☐	50.000	52.567	3622.71	0.0007	P	7.2
4	☐	125.000	133.339	9226.36	0.0019	P	3.1
5	☐	250.000	258.279	18493.06	0.0037	P	2.9
6	☐	500.000	503.871	36968.38	0.0071	P	2.7
7	☐	1000.000	994.824	74631.38	0.0141	P	1.8
8	☐			62.22	0.0000	P	19.5

$$y = 1.4161\text{E-}005 * x + 3.1703\text{E-}006$$

$$R = 0.9999$$

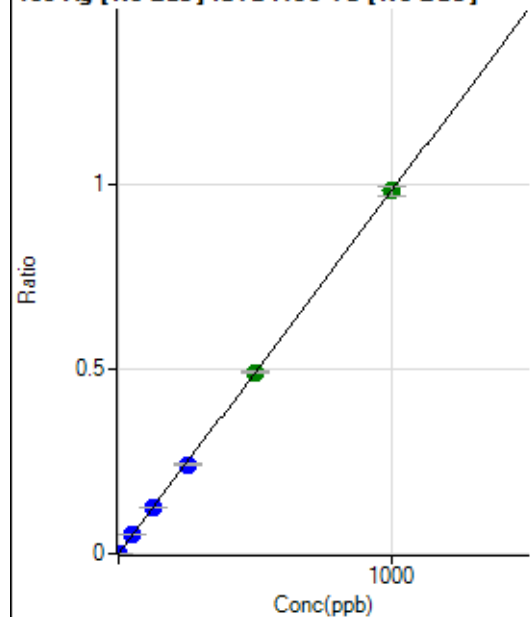
$$DL = 0.2273$$

$$BEC = 0.2239$$

Weight: <None>

Min Conc: <None>

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	86.67	0.0000	P	16.3
2	☐	1.000	1.085	5224.33	0.0011	P	3.2
3	☐	50.000	51.069	243265.38	0.0502	P	1.9
4	☐	125.000	127.968	613483.83	0.1258	P	2.9
5	☐	250.000	246.086	1221734.33	0.2418	P	2.3
6	☐	500.000	500.604	2547723.35	0.4919	A	1.6
7	☐	1000.000	1000.252	5205612.63	0.9829	A	2.4
8	☐			1415.65	0.0003	P	51.3

$$y = 9.8260\text{E-}004 * x + 1.7599\text{E-}005$$

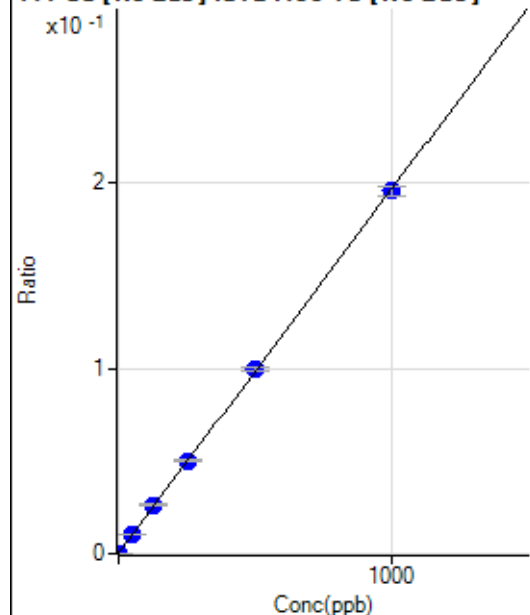
$$R = 1.0000$$

$$DL = 0.008766$$

$$BEC = 0.01791$$

Weight: <None>

Min Conc: <None>

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

	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1386.33	0.0003	P	1.7
2	☐	1.000	0.986	2291.82	0.0005	P	1.5
3	☐	50.000	52.859	51711.71	0.0107	P	1.4
4	☐	125.000	132.594	128506.47	0.0263	P	2.3
5	☐	250.000	253.834	253475.02	0.0502	P	2.2
6	☐	500.000	504.566	515058.65	0.0994	P	2.5
7	☐	1000.000	995.666	1037934.97	0.1960	P	2.6
8	☐			2130.05	0.0004	P	4.5

$$y = 1.9654\text{E-}004 * x + 2.8162\text{E-}004$$

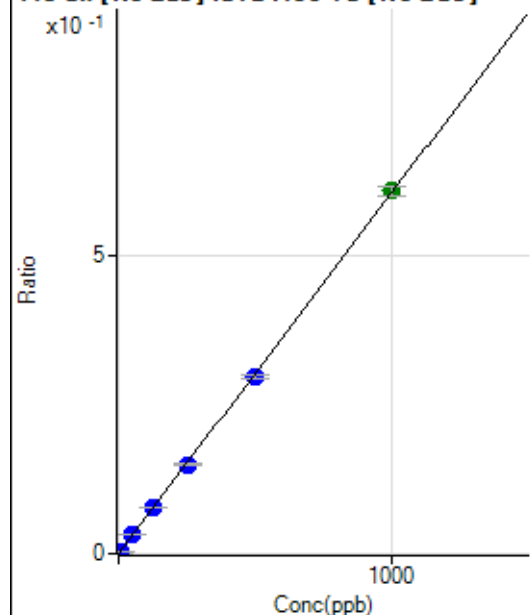
$$R = 1.0000$$

$$DL = 0.07443$$

$$BEC = 1.433$$

Weight: <None>

Min Conc: <None>

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

	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1310.09	0.0003	P	7.4
2	☐	5.000	5.216	16527.41	0.0034	P	2.2
3	☐	50.000	51.163	151626.84	0.0313	P	2.7
4	☐	125.000	127.461	378348.37	0.0776	P	2.1
5	☐	250.000	247.083	758241.80	0.1501	P	2.5
6	☐	500.000	489.481	1538563.09	0.2971	P	2.5
7	☐	1000.000	1005.622	3230839.12	0.6100	A	3.0
8	☐			1360.08	0.0003	P	6.4

$$y = 6.0635\text{E-}004 * x + 2.6627\text{E-}004$$

$$R = 0.9999$$

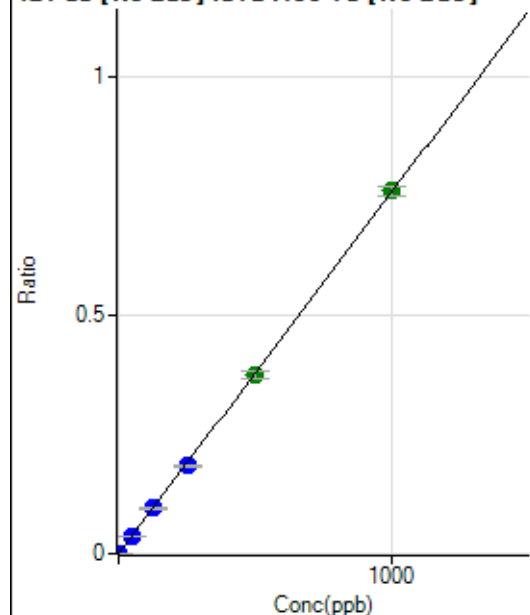
$$DL = 0.09717$$

$$BEC = 0.4391$$

Weight: <None>

Min Conc: <None>

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	58.89	0.0000	P	8.9
2	☐	2.000	2.073	7638.76	0.0016	P	1.8
3	☐	50.000	50.040	184069.42	0.0380	P	1.6
4	☐	125.000	125.806	465761.69	0.0955	P	2.6
5	☐	250.000	243.863	934952.49	0.1851	P	2.3
6	☐	500.000	495.063	1945702.80	0.3757	A	3.3
7	☐	1000.000	1003.900	4034619.28	0.7618	A	2.7
8	☐			3233.73	0.0006	P	6.7

$$y = 7.5881E-004 * x + 1.1965E-005$$

$$R = 1.0000$$

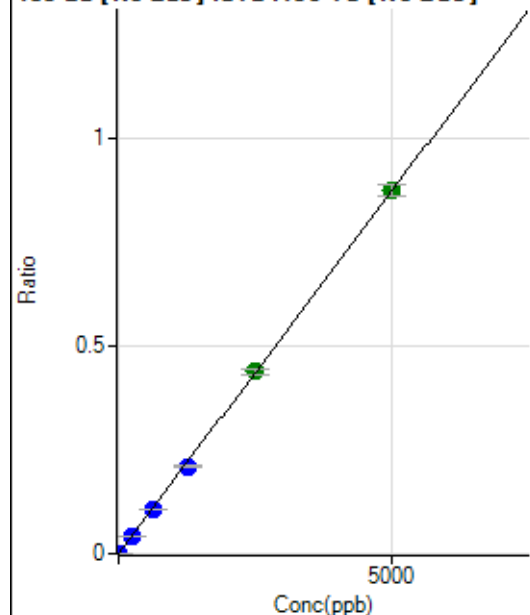
$$DL = 0.004207$$

$$BEC = 0.01577$$

Weight: <None>

Min Conc: <None>

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	94.45	0.0000	P	29.1
2	☐	10.000	10.039	8530.41	0.0018	P	3.2
3	☐	250.000	246.170	208126.81	0.0429	P	1.4
4	☐	625.000	614.580	522911.93	0.1072	P	2.6
5	☐	1250.000	1198.142	1055732.85	0.2090	P	2.4
6	☐	2500.000	2512.199	2269067.02	0.4381	A	2.6
7	☐	5000.000	5008.359	4625620.76	0.8734	A	3.1
8	☐			2838.09	0.0005	P	2.6

$$y = 1.7438E-004 * x + 1.9228E-005$$

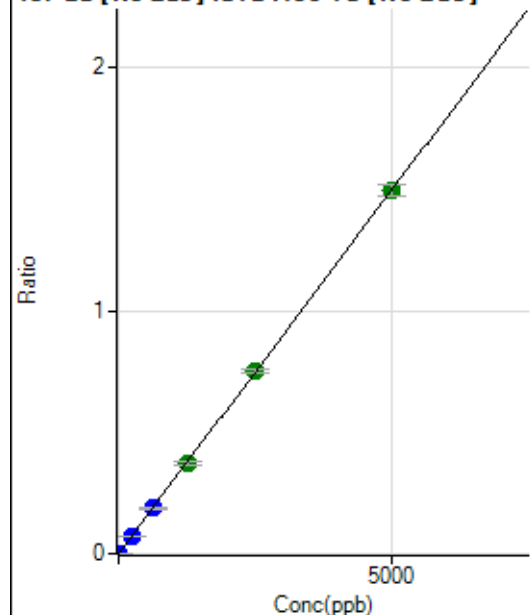
$$R = 0.9999$$

$$DL = 0.09638$$

$$BEC = 0.1103$$

Weight: <None>

Min Conc: <None>

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	174.45	0.0000	P	25.2
2	☐	10.000	10.169	14814.49	0.0031	P	2.7
3	☐	250.000	248.083	359371.93	0.0742	P	1.6
4	☐	625.000	623.122	908466.91	0.1862	P	1.8
5	☐	1250.000	1245.396	1880130.32	0.3721	A	3.5
6	☐	2500.000	2514.294	3890739.70	0.7512	A	2.8
7	☐	5000.000	4994.334	7903158.01	1.4922	A	3.0
8	☐			4619.68	0.0009	P	1.4

$$y = 2.9877E-004 * x + 3.5448E-005$$

$$R = 1.0000$$

$$DL = 0.08957$$

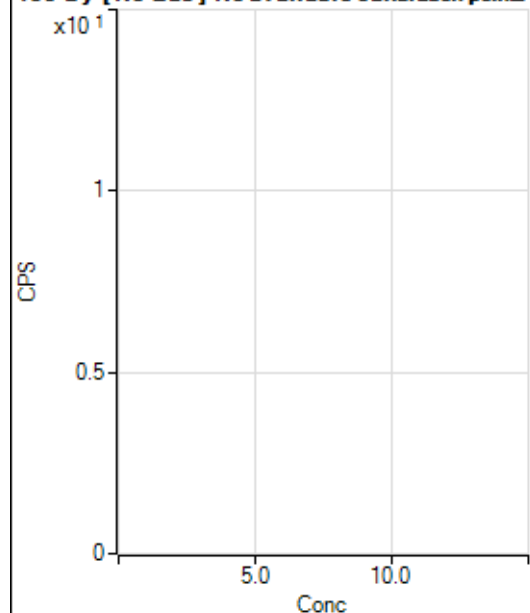
$$BEC = 0.1186$$

Weight: <None>

Min Conc: <None>

150 Nd [No Gas] No available calibration points

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			4.44		P	114.
2	☐			6.67		P	50.0
3	☐			15.55		P	44.6
4	☐			33.33		P	30.0
5	☐			37.78		P	48.6
6	☐			68.89		P	10.1
7	☐			116.67		P	4.9
8	☐			103.34		P	3.2

156 Dy [No Gas] No available calibration points

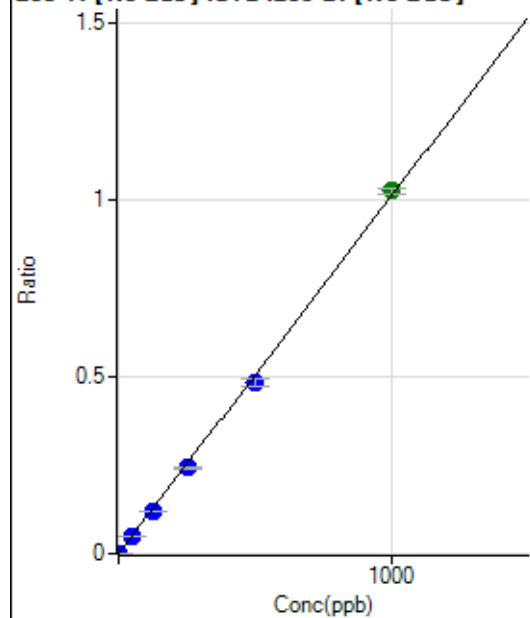
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			11.11		P	45.8
2	☐			3.33		P	0.0
3	☐			13.33		P	43.3
4	☐			20.00		P	50.0
5	☐			26.67		P	45.1
6	☐			35.56		P	14.3
7	☐			67.78		P	10.2
8	☐			173.34		P	17.3

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

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			47.78		P	21.3
2	☐			33.33		P	36.1
3	☐			40.00		P	50.0
4	☐			37.78		P	22.2
5	☐			64.45		P	20.9
6	☐			84.44		P	9.1
7	☐			95.56		P	10.1
8	☐			214.45		P	5.5

164 Er [No Gas] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			33.33		P	10.0
2	☐			34.45		P	20.1
3	☐			45.56		P	40.3
4	☐			47.78		P	4.0
5	☐			55.56		P	56.7
6	☐			98.89		P	14.0
7	☐			115.56		P	21.3
8	☐			435.57		P	8.7

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

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	138.89	0.0001	P	13.6
2	☐	1.000	1.013	2953.69	0.0011	P	4.9
3	☐	50.000	47.819	133562.37	0.0483	P	1.0
4	☐	125.000	119.538	339509.02	0.1207	P	0.6
5	☐	250.000	241.087	691992.52	0.2433	P	1.8
6	☐	500.000	477.602	1403595.24	0.4820	P	3.9
7	☐	1000.000	1014.219	3086655.65	1.0236	A	1.6
8	☐			4470.78	0.0015	P	0.5

$$y = 0.0010 * x + 5.0377E-005$$

$$R = 0.9996$$

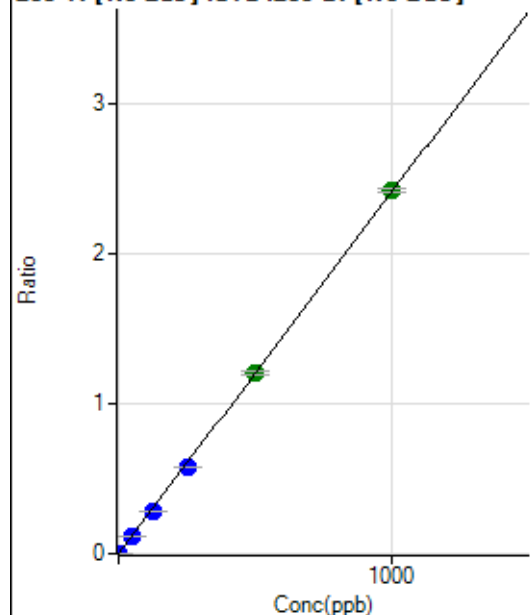
$$DL = 0.02043$$

$$BEC = 0.04992$$

Weight: <None>

Min Conc: <None>

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	385.56	0.0001	P	6.3
2	☐	1.000	0.981	6896.28	0.0025	P	2.1
3	☐	50.000	47.563	317184.47	0.1147	P	0.8
4	☐	125.000	118.354	802434.73	0.2853	P	1.7
5	☐	250.000	239.059	1637962.54	0.5760	P	1.7
6	☐	500.000	499.067	3501971.65	1.2024	A	2.4
7	☐	1000.000	1004.154	7295636.83	2.4191	A	1.2
8	☐			10086.06	0.0035	P	2.2

$$y = 0.0024 * x + 1.3996E-004$$

$$R = 0.9999$$

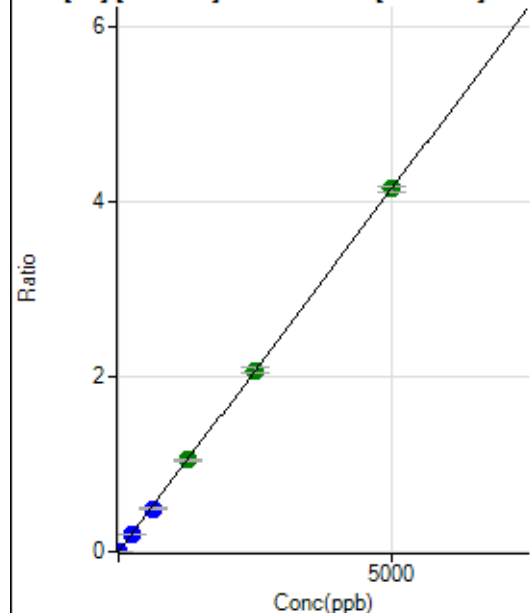
$$DL = 0.01103$$

$$BEC = 0.0581$$

Weight: <None>

Min Conc: <None>

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	478.90	0.0002	P	16.4
2	☐	1.000	0.840	2401.35	0.0009	P	2.6
3	☐	250.000	239.795	550845.96	0.1992	P	1.4
4	☐	625.000	594.181	1388104.18	0.4934	P	1.6
5	☐	1250.000	1264.332	2984926.24	1.0497	A	1.7
6	☐	2500.000	2497.871	6039169.91	2.0737	A	3.1
7	☐	5000.000	5001.844	12522669.81	4.1524	A	1.4
8	☐			3440.47	0.0012	P	3.0

$$y = 8.3014E-004 * x + 1.7410E-004$$

$$R = 1.0000$$

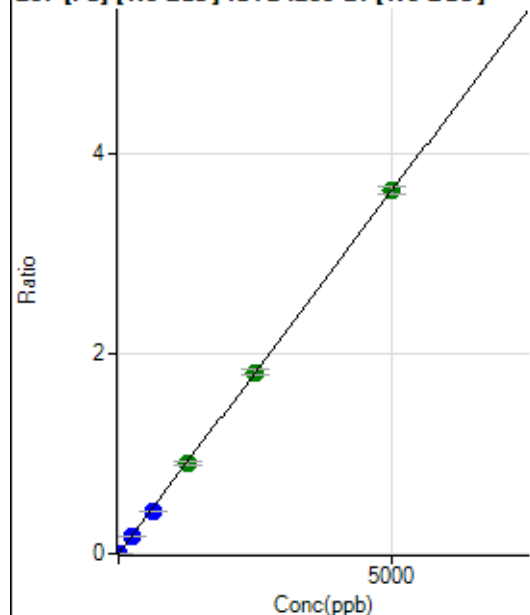
$$DL = 0.1032$$

$$BEC = 0.2097$$

Weight: <None>

Min Conc: <None>

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	360.01	0.0001	P	8.7
2	☐	1.000	0.816	1987.95	0.0007	P	8.0
3	☐	250.000	233.045	466866.34	0.1689	P	1.1
4	☐	625.000	582.949	1187722.26	0.4222	P	1.9
5	☐	1250.000	1258.797	2592257.95	0.9115	A	4.1
6	☐	2500.000	2501.538	5275326.73	1.8113	A	2.8
7	☐	5000.000	5003.136	10924295.95	3.6225	A	2.2
8	☐			2907.00	0.0010	P	1.6

$$y = 7.2403\text{E-}004 * x + 1.3078\text{E-}004$$

$$R = 1.0000$$

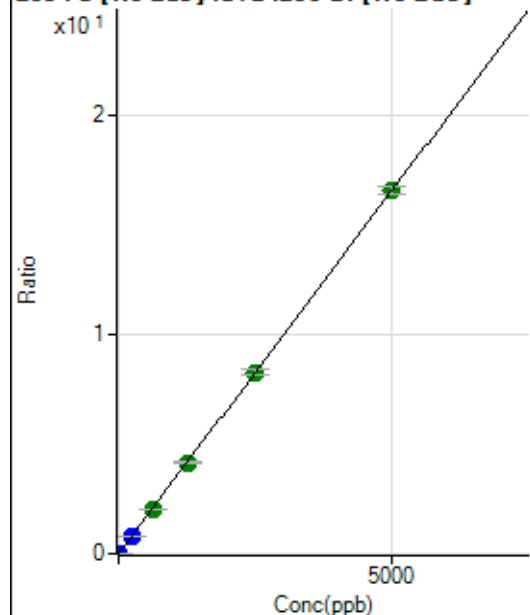
$$DL = 0.04711$$

$$BEC = 0.1806$$

Weight: <None>

Min Conc: <None>

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1723.39	0.0006	P	8.6
2	☐	1.000	0.823	9238.00	0.0034	P	1.7
3	☐	250.000	236.125	2165575.74	0.7833	P	1.0
4	☐	625.000	605.188	5645030.25	2.0065	A	1.2
5	☐	1250.000	1257.384	11853764.65	4.1682	A	2.4
6	☐	2500.000	2495.966	24093627.83	8.2735	A	3.3
7	☐	5000.000	5003.341	50012843.70	16.5841	A	2.2
8	☐			13531.67	0.0046	P	1.5

$$y = 0.0033 * x + 6.2596\text{E-}004$$

$$R = 1.0000$$

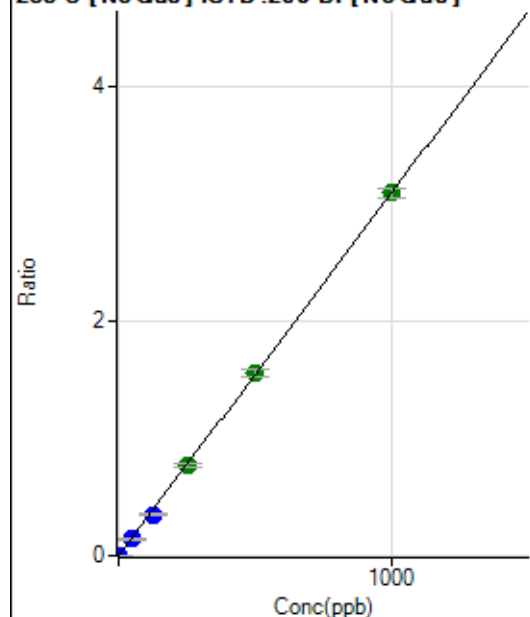
$$DL = 0.04856$$

$$BEC = 0.1889$$

Weight: <None>

Min Conc: <None>

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	78.89	0.0000	P	140.
2	☐	1.000	0.932	8022.49	0.0029	P	3.6
3	☐	50.000	45.301	387570.12	0.1402	P	1.3
4	☐	125.000	113.760	990178.86	0.3520	P	1.8
5	☐	250.000	249.306	2193630.90	0.7713	A	2.4
6	☐	500.000	503.435	4535520.94	1.5575	A	4.4
7	☐	1000.000	1000.096	9330791.18	3.0941	A	2.6
8	☐			377.79	0.0001	P	43.3

$$y = 0.0031 * x + 2.8638E-005$$

$$R = 0.9999$$

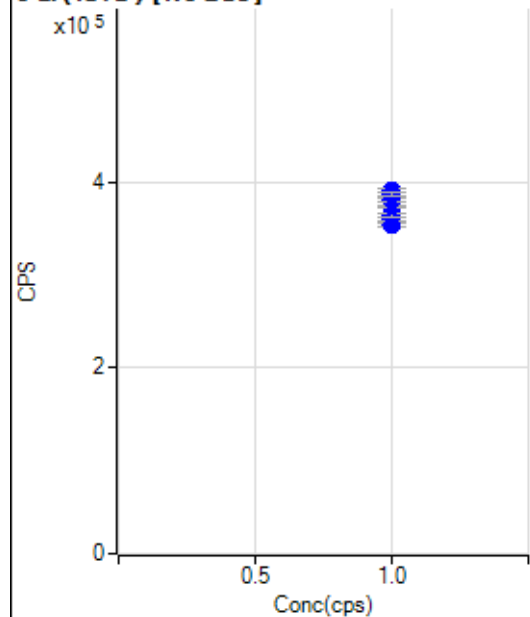
$$DL = 0.03893$$

$$BEC = 0.009257$$

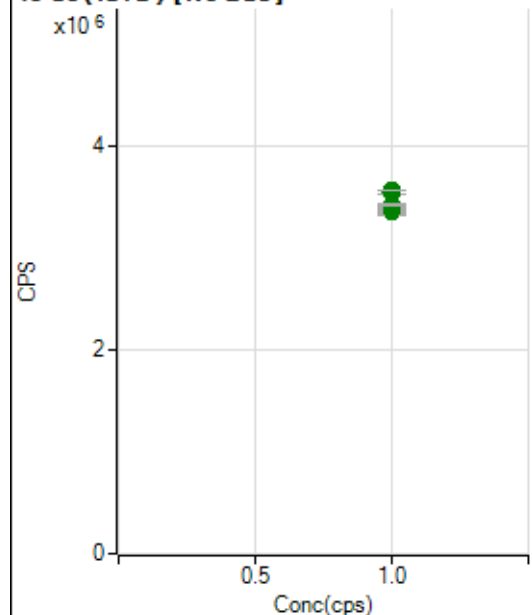
Weight: <None>

Min Conc: <None>

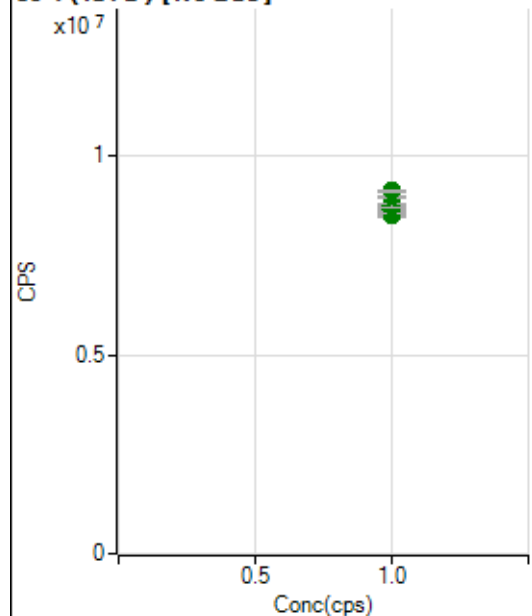
6 Li (ISTD) [No Gas]



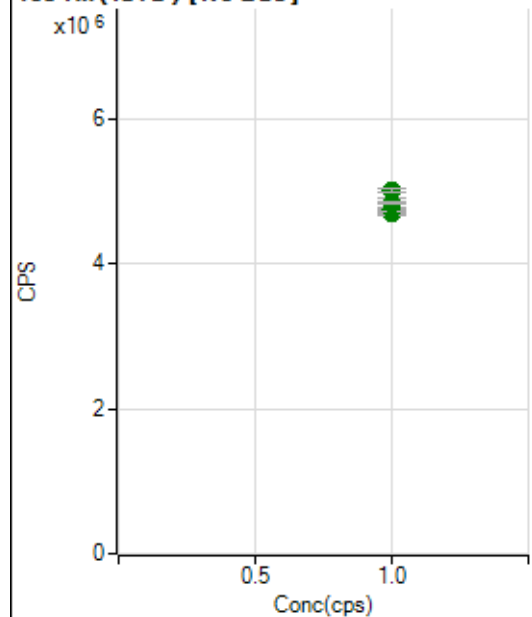
	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		354297.39		P	1.4
2	☐	1.000		355940.69		P	0.3
3	☐	1.000		359966.95		P	0.9
4	☐	1.000		364963.81		P	1.1
5	☐	1.000		373924.54		P	1.0
6	☐	1.000		380597.69		P	1.1
7	☐	1.000		390658.59		P	1.0
8	☐	1.000		386839.62		P	0.9

45 Sc (ISTD) [No Gas]

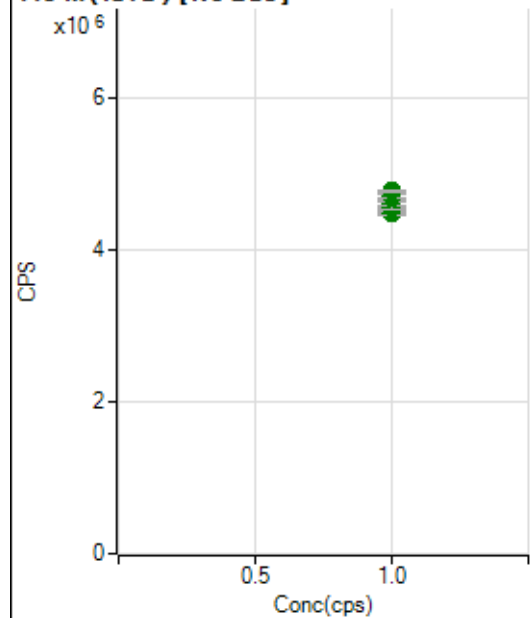
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3403771.68		A	1.4
2	☐	1.000		3349897.17		A	2.1
3	☐	1.000		3365092.97		A	1.0
4	☐	1.000		3376294.88		A	1.9
5	☐	1.000		3379041.69		A	0.6
6	☐	1.000		3419710.23		A	0.8
7	☐	1.000		3539268.35		A	1.2
8	☐	1.000		3556215.95		A	0.1

89 Y (ISTD) [No Gas]

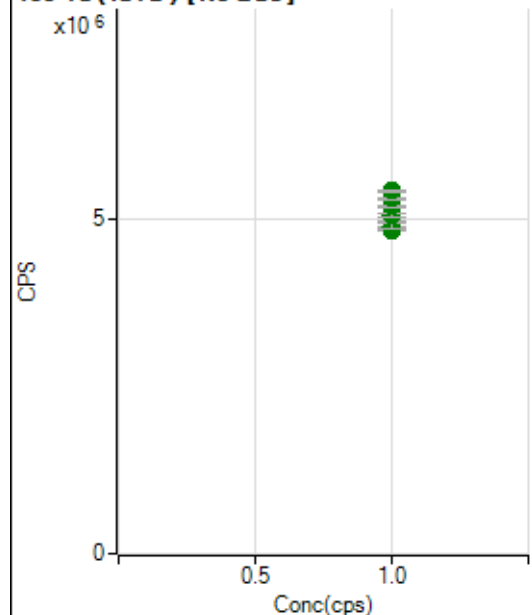
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8549208.83		A	2.5
2	☐	1.000		8508616.89		A	1.3
3	☐	1.000		8482533.69		A	1.0
4	☐	1.000		8663795.70		A	1.7
5	☐	1.000		8545877.79		A	0.3
6	☐	1.000		8746289.18		A	1.6
7	☐	1.000		8974837.71		A	0.6
8	☐	1.000		9118018.20		A	0.5

103 Rh (ISTD) [No Gas]

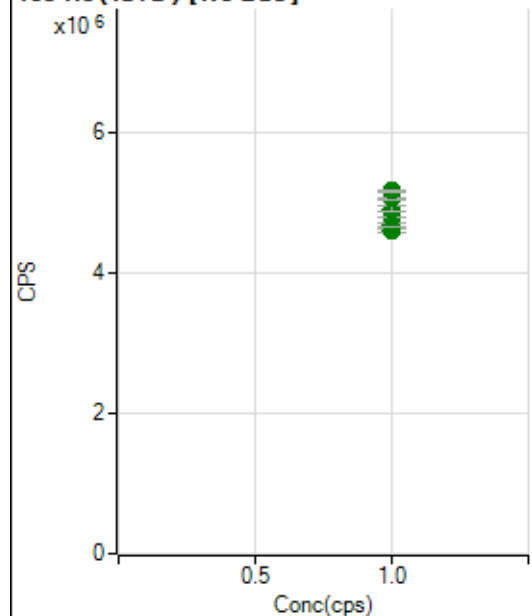
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4793966.49		A	1.8
2	☐	1.000		4735927.64		A	0.7
3	☐	1.000		4696199.86		A	0.5
4	☐	1.000		4743700.07		A	2.0
5	☐	1.000		4761098.82		A	1.0
6	☐	1.000		4871638.16		A	1.4
7	☐	1.000		5012852.01		A	1.1
8	☐	1.000		4848911.56		A	0.3

115 In (ISTD) [No Gas]

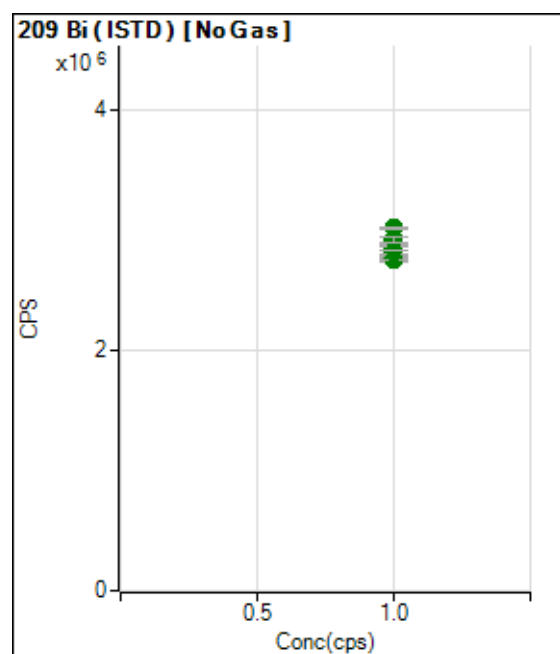
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4595055.74		A	2.1
2	☐	1.000		4529713.73		A	2.1
3	☐	1.000		4478803.25		A	1.1
4	☐	1.000		4589149.34		A	3.3
5	☐	1.000		4551834.07		A	1.2
6	☐	1.000		4688373.75		A	2.3
7	☐	1.000		4715572.81		A	1.3
8	☐	1.000		4775422.15		A	0.4

159 Tb (ISTD) [No Gas]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4922340.41		A	1.4
2	☐	1.000		4819893.09		A	0.4
3	☐	1.000		4846381.18		A	0.5
4	☐	1.000		4879722.88		A	1.7
5	☐	1.000		5052953.19		A	1.1
6	☐	1.000		5179541.45		A	0.9
7	☐	1.000		5296929.02		A	0.7
8	☐	1.000		5413265.02		A	0.8

165 Ho (ISTD) [No Gas]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4665160.83		A	1.9
2	☐	1.000		4598611.91		A	1.2
3	☐	1.000		4631546.43		A	0.4
4	☐	1.000		4677030.76		A	1.0
5	☐	1.000		4793728.09		A	0.4
6	☐	1.000		4903727.95		A	1.7
7	☐	1.000		5056168.36		A	0.6
8	☐	1.000		5164458.98		A	0.8



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2754328.40		A	1.8
2	☐	1.000		2754036.76		A	1.2
3	☐	1.000		2764881.14		A	0.7
4	☐	1.000		2813345.31		A	1.1
5	☐	1.000		2843786.28		A	1.4
6	☐	1.000		2913520.41		A	2.3
7	☐	1.000		3015804.40		A	0.8
8	☐	1.000		2919215.93		A	1.6

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P7081825MS NO GAS.b

Acq. Date-Time 2025-08-18 12:44:51

Report Comment ---

Instrument Name G8403A JP14410463

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		4408	44076.05			0.919	5.000
24		122548	1225482.23			0.775	5.000
25		15623	156227.02			0.856	5.000
26		18759	187585.29			1.168	5.000
59		73416	734164.08			0.845	5.000
113		7611	76113.52			0.477	5.000
115		89991	899908.79			0.627	5.000
206		14516	145163.17			2.382	5.000
207		12487	124870.70			2.648	5.000
208		30127	301273.71			2.861	5.000
220		1	6.80			23.598	

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

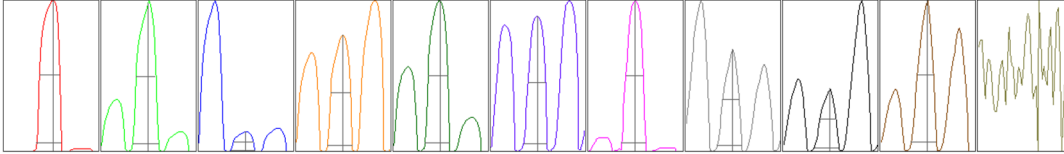
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	4384	4364	4398	4424	4469
24	122293	121251	122351	123804	123042
25	15484	15501	15622	15794	15713
26	18542	18564	18718	18945	19024
59	72635	72898	73672	74093	73783
113	7610	7619	7551	7647	7630
115	89806	89170	90241	90697	90040
206	14257	14250	14287	14931	14857
207	12287	12163	12331	12961	12694
208	29446	29408	29702	31307	30774

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	7318.69	9.10	8.90 - 9.10	
24	209103.62	24.00	23.90 - 24.10	
25	26945.23	25.00	24.90 - 25.10	
26	31847.75	26.00	25.90 - 26.10	
59	124686.85	59.00	58.90 - 59.10	
113	14127.14	113.00	112.90 - 113.10	
115	168647.30	115.00	114.90 - 115.10	
206	29367.89	206.00	205.90 - 206.10	
207	25185.29	207.00	206.90 - 207.10	
208	60749.86	208.00	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.63	0.777	0.900	
24	0.63	0.824	0.900	
25	0.62	0.766	0.900	
26	0.63	0.783	0.900	
59	0.62	0.779	0.900	
113	0.55	0.743	0.900	
115	0.54	0.767	0.900	
206	0.52	0.777	0.900	
207	0.51	0.787	0.900	
208	0.51	0.800	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.82 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	7.6 V	Deflect	15.2 V
Extract 2	-175.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-90 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	190 V		

QP Parameters

Mass Gain	138	Axis Gain	0.9974	QP Bias	-3.0 V
Mass Offset	129	Axis Offset	0.16		

Hardware Settings

Torch

Torch H	-1.8 mm	Torch V	0.2 mm
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EM

Discriminator	4.7 mV	Analog HV	2292 V	Pulse HV	1180 V
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LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 13:22:18	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.08	0.06	-0.14	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	0.01	0.24	-0.25	0.00	N/A	ppb
Barium	135-1	0.03	0.00	-0.03	0.00	N/A	ppb
Barium	137-1	0.03	-0.02	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bromine	81-1						cps
Cadmium	106-1	-0.66	0.28	0.38	0.00	N/A	ppb
Cadmium	108-1	0.02	0.07	-0.08	0.00	N/A	ppb
Cadmium	111-1	-0.03	0.01	0.02	0.00	N/A	ppb
Calcium	43-1	0.75	2.51	-3.27	0.00	N/A	ppb
Calcium	44-1	-6.45	-0.68	7.12	0.00	N/A	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	-0.05	0.06	-0.01	0.00	N/A	ppb
Cobalt	59-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Copper	63-1	0.01	-0.01	0.00	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	56-1	-4.64	1.03	3.61	0.00	N/A	ppb
Iron	57-1	-2.52	1.73	0.79	0.00	N/A	ppb
Iron	54-1	-3.36	0.28	3.08	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.03	-0.04	0.01	0.00	N/A	ppb
Lead	207-1	0.01	-0.02	0.00	0.00	N/A	ppb
Lead	208-1	0.02	-0.02	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-1	-0.03	-0.01	0.04	0.00	N/A	ppb
Manganese	55-1	0.04	-0.01	-0.02	0.00	N/A	ppb
Molybdenum	94-1	0.02	-0.02	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.02	-0.03	0.01	0.00	N/A	ppb

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 13:22:18	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	0.01	-0.01	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.02	-0.02	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Nickel	60-1	0.03	-0.02	0.00	0.00	N/A	ppb
Phosphorus	31-1	-127.67	-126.72	-126.77	-127.05		ppb
Potassium	39-1	-5.32	2.08	3.24	0.00	N/A	ppb
Rhodium	103-1				100		%
Scandium	45-1				100		%
Selenium	77-1	0.17	0.73	-0.90	0.00	N/A	ppb
Selenium	78-1	-6.04	3.73	2.31	0.00	N/A	ppb
Selenium	82-1	0.39	-1.06	0.67	0.00	N/A	ppb
Silicon	28-1	-3.13	1.94	1.18	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-1	-1.09	0.31	0.78	0.00	N/A	ppb
Strontium	86-1	0.04	0.01	-0.05	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-540.97	-95.13	33.83	-200.76		ppb
Terbium	159-1				100		%
Thallium	203-1	0.01	0.00	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.03	0.00	-0.03	0.00	N/A	ppb
Titanium	47-1	-0.03	0.05	-0.01	0.00	N/A	ppb
Uranium	238-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Vanadium	51-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Zinc	66-1	-0.12	0.00	0.12	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.02	-0.01	-0.01	0.00	N/A	ppb

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 13:28:14	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	19.24	20.83	19.27	19.78	4.61	ppb
Antimony	121-1	2.04	2.11	2.06	2.07	1.81	ppb
Arsenic	75-1	0.98	0.95	0.92	0.95	2.86	ppb
Barium	135-1	10.14	9.68	10.30	10.04	3.19	ppb
Barium	137-1	9.90	10.15	10.46	10.17	2.76	ppb
Beryllium	9-1	1.04	1.21	1.10	1.12	8.01	ppb
Bismuth	209-1				100		%
Bromine	81-1						cps
Cadmium	106-1	2.00	1.02	0.96	1.33	43.79	ppb
Cadmium	108-1	0.85	0.90	1.15	0.96	16.63	ppb
Cadmium	111-1	1.03	0.98	0.95	0.99	3.76	ppb
Calcium	43-1	488.11	524.61	514.79	509.17	3.71	ppb
Calcium	44-1	502.82	548.42	513.53	521.59	4.57	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	2.01	2.28	2.03	2.11	7.05	ppb
Cobalt	59-1	1.02	1.12	1.04	1.06	4.99	ppb
Copper	63-1	1.80	1.99	1.85	1.88	5.27	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				99		%
Indium	115-1				99		%
Iron	56-1	55.28	72.02	51.82	59.71	18.09	ppb
Iron	57-1	51.09	61.14	52.19	54.81	10.05	ppb
Iron	54-1	45.88	66.48	51.08	54.48	19.66	ppb
Krypton	83-1						cps
Lead	206-1	0.85	0.81	0.86	0.84	3.30	ppb
Lead	207-1	0.78	0.76	0.91	0.82	9.77	ppb
Lead	208-1	0.83	0.80	0.84	0.82	2.11	ppb
Lithium	6-1				100		%
Magnesium	24-1	481.27	521.75	490.08	497.70	4.28	ppb
Manganese	55-1	0.95	1.01	0.90	0.95	5.90	ppb
Molybdenum	94-1	6.03	6.15	5.94	6.04	1.69	ppb
Molybdenum	95-1	4.90	4.92	5.03	4.95	1.41	ppb
Molybdenum	96-1	4.93	5.21	5.08	5.07	2.83	ppb

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 13:28:14	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	4.94	4.92	4.83	4.90	1.26	ppb
Molybdenum	98-1	4.86	5.00	5.07	4.98	2.13	ppb
Neodymium	150-1						cps
Nickel	60-1	0.94	0.96	0.92	0.94	2.42	ppb
Phosphorus	31-1	117.75	139.73	123.69	127.05	8.95	ppb
Potassium	39-1	495.23	533.02	516.89	515.04	3.68	ppb
Rhodium	103-1				99		%
Scandium	45-1				98		%
Selenium	77-1	4.02	5.25	4.87	4.72	13.36	ppb
Selenium	78-1	2.51	13.70	9.11	8.44	66.69	ppb
Selenium	82-1	4.94	5.44	5.80	5.40	7.99	ppb
Silicon	28-1	-0.80	6.24	2.16	2.53	139.54	ppb
Silver	109-1	1.05	1.12	1.08	1.09	3.21	ppb
Silver	107-1	1.07	1.17	1.07	1.10	4.78	ppb
Sodium	23-1	495.17	529.18	516.05	513.46	3.34	ppb
Strontium	86-1	0.97	0.92	1.11	1.00	10.06	ppb
Strontium	88-1	0.93	0.99	0.99	0.97	4.02	ppb
Sulfur	34-1	-70.76	589.92	83.11	200.76	172.19	ppb
Terbium	159-1				98		%
Thallium	203-1	0.96	1.06	1.02	1.01	5.18	ppb
Thallium	205-1	0.96	1.00	0.99	0.98	2.26	ppb
Tin	118-1	5.24	5.08	5.32	5.22	2.36	ppb
Titanium	47-1	4.91	5.60	5.28	5.26	6.55	ppb
Uranium	238-1	0.94	0.96	0.89	0.93	3.60	ppb
Vanadium	51-1	4.93	5.20	5.03	5.06	2.71	ppb
Yttrium	89-1				100		%
Zinc	66-1	4.96	5.66	4.81	5.14	8.82	ppb
Zirconium	90-1	0.98	1.03	1.04	1.02	3.27	ppb
Zirconium	91-1	0.93	1.04	1.12	1.03	9.06	ppb

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 13:31:10	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	957.93	997.69	1002.23	985.95	2.47	ppb
Antimony	121-1	49.11	50.64	50.37	50.04	1.63	ppb
Arsenic	75-1	50.30	51.69	51.52	51.17	1.48	ppb
Barium	135-1	242.68	249.37	246.47	246.17	1.36	ppb
Barium	137-1	243.59	250.21	250.45	248.08	1.57	ppb
Beryllium	9-1	51.40	52.45	53.96	52.60	2.45	ppb
Bismuth	209-1				100		%
Bromine	81-1						cps
Cadmium	106-1	52.98	51.96	53.51	52.81	1.50	ppb
Cadmium	108-1	51.17	49.67	56.86	52.57	7.21	ppb
Cadmium	111-1	52.07	52.96	53.54	52.86	1.40	ppb
Calcium	43-1	5199.20	5161.10	5266.00	5208.77	1.02	ppb
Calcium	44-1	5073.49	5240.82	5299.47	5204.59	2.25	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	49.05	50.09	51.60	50.25	2.55	ppb
Cobalt	59-1	49.22	50.51	50.94	50.22	1.78	ppb
Copper	63-1	504.92	514.83	514.55	511.44	1.10	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				99		%
Indium	115-1				97		%
Iron	56-1	2523.72	2638.03	2698.55	2620.10	3.39	ppb
Iron	57-1	2531.73	2640.23	2640.75	2604.23	2.41	ppb
Iron	54-1	2619.93	2732.84	2842.35	2731.70	4.07	ppb
Krypton	83-1						cps
Lead	206-1	237.97	243.72	237.70	239.80	1.42	ppb
Lead	207-1	232.19	235.88	231.07	233.05	1.08	ppb
Lead	208-1	234.29	238.94	235.14	236.12	1.05	ppb
Lithium	6-1				102		%
Magnesium	24-1	4799.70	4996.75	5008.09	4934.85	2.37	ppb
Manganese	55-1	491.28	510.62	518.80	506.90	2.79	ppb
Molybdenum	94-1	487.65	503.95	498.73	496.78	1.68	ppb
Molybdenum	95-1	480.99	501.46	492.11	491.52	2.09	ppb
Molybdenum	96-1	479.91	498.48	486.89	488.43	1.92	ppb

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 13:31:10	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	481.43	503.34	494.51	493.09	2.24	ppb
Molybdenum	98-1	486.66	508.64	501.07	498.79	2.24	ppb
Neodymium	150-1						cps
Nickel	60-1	48.71	50.85	50.60	50.05	2.34	ppb
Phosphorus	31-1	865.59	882.70	901.99	883.42	2.06	ppb
Potassium	39-1	2487.95	2566.72	2606.80	2553.82	2.37	ppb
Rhodium	103-1				98		%
Scandium	45-1				99		%
Selenium	77-1	52.98	50.79	53.44	52.40	2.70	ppb
Selenium	78-1	50.99	62.52	60.62	58.04	10.65	ppb
Selenium	82-1	51.25	52.16	51.67	51.69	0.88	ppb
Silicon	28-1	50.99	53.52	55.53	53.35	4.26	ppb
Silver	109-1	49.96	51.73	51.52	51.07	1.90	ppb
Silver	107-1	50.90	51.71	52.35	51.65	1.40	ppb
Sodium	23-1	4889.94	5126.86	5176.03	5064.28	3.02	ppb
Strontium	86-1	49.71	52.15	51.54	51.13	2.49	ppb
Strontium	88-1	48.61	50.12	49.59	49.44	1.55	ppb
Sulfur	34-1	807.69	902.13	1121.83	943.88	17.08	ppb
Terbium	159-1				98		%
Thallium	203-1	47.37	48.32	47.77	47.82	0.99	ppb
Thallium	205-1	47.21	47.93	47.54	47.56	0.76	ppb
Tin	118-1	49.74	52.48	51.27	51.16	2.69	ppb
Titanium	47-1	484.35	504.77	503.19	497.43	2.28	ppb
Uranium	238-1	44.94	45.98	44.99	45.30	1.29	ppb
Vanadium	51-1	48.22	49.83	50.33	49.46	2.23	ppb
Yttrium	89-1				99		%
Zinc	66-1	497.73	511.46	518.14	509.11	2.04	ppb
Zirconium	90-1	47.47	49.63	49.42	48.84	2.44	ppb
Zirconium	91-1	48.22	50.11	50.00	49.45	2.14	ppb

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 13:34:10	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	2428.68	2505.90	2544.40	2492.99	2.36	ppb
Antimony	121-1	122.12	127.28	128.03	125.81	2.56	ppb
Arsenic	75-1	122.68	130.48	127.11	126.75	3.09	ppb
Barium	135-1	596.12	622.30	625.33	614.58	2.61	ppb
Barium	137-1	610.17	628.05	631.14	623.12	1.82	ppb
Beryllium	9-1	125.35	132.58	131.48	129.81	3.00	ppb
Bismuth	209-1				102		%
Bromine	81-1						cps
Cadmium	106-1	126.72	132.79	142.07	133.86	5.78	ppb
Cadmium	108-1	130.45	131.47	138.10	133.34	3.11	ppb
Cadmium	111-1	129.22	133.14	135.42	132.59	2.37	ppb
Calcium	43-1	12512.60	13210.57	13150.48	12957.88	2.99	ppb
Calcium	44-1	12215.34	12794.28	12809.76	12606.46	2.69	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	121.93	128.21	127.46	125.87	2.73	ppb
Cobalt	59-1	119.91	126.93	126.94	124.59	3.26	ppb
Copper	63-1	1231.84	1282.28	1310.07	1274.73	3.11	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				100		%
Indium	115-1				100		%
Iron	56-1	6302.67	6666.13	6629.37	6532.73	3.06	ppb
Iron	57-1	6226.02	6663.87	6563.66	6484.52	3.54	ppb
Iron	54-1	6434.32	6824.83	6727.97	6662.37	3.05	ppb
Krypton	83-1						cps
Lead	206-1	583.13	598.46	600.95	594.18	1.62	ppb
Lead	207-1	570.54	587.35	590.96	582.95	1.87	ppb
Lead	208-1	597.38	611.53	606.65	605.19	1.19	ppb
Lithium	6-1				103		%
Magnesium	24-1	12107.57	12652.39	12518.97	12426.31	2.29	ppb
Manganese	55-1	1220.65	1315.86	1294.78	1277.10	3.92	ppb
Molybdenum	94-1	1189.59	1274.65	1202.10	1222.12	3.76	ppb
Molybdenum	95-1	1221.14	1283.03	1211.77	1238.65	3.13	ppb
Molybdenum	96-1	1180.37	1273.22	1231.94	1228.51	3.79	ppb

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 13:34:10	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	1207.69	1253.53	1205.09	1222.10	2.23	ppb
Molybdenum	98-1	1203.09	1268.68	1230.79	1234.19	2.67	ppb
Neodymium	150-1						cps
Nickel	60-1	121.83	128.28	128.01	126.04	2.89	ppb
Phosphorus	31-1	2319.74	2442.36	2449.66	2403.92	3.04	ppb
Potassium	39-1	6201.10	6526.81	6483.44	6403.78	2.76	ppb
Rhodium	103-1				99		%
Scandium	45-1				99		%
Selenium	77-1	132.19	135.48	132.50	133.39	1.36	ppb
Selenium	78-1	122.49	137.07	121.68	127.08	6.82	ppb
Selenium	82-1	124.56	132.90	127.24	128.24	3.32	ppb
Silicon	28-1	121.50	130.37	133.12	128.33	4.73	ppb
Silver	109-1	123.61	130.13	130.16	127.97	2.95	ppb
Silver	107-1	125.31	131.82	132.30	129.81	3.01	ppb
Sodium	23-1	12333.25	12849.47	12982.10	12721.60	2.69	ppb
Strontium	86-1	123.27	129.66	124.76	125.90	2.66	ppb
Strontium	88-1	121.21	128.62	123.65	124.50	3.03	ppb
Sulfur	34-1	1850.96	2449.35	2458.99	2253.10	15.46	ppb
Terbium	159-1				99		%
Thallium	203-1	118.86	119.37	120.38	119.54	0.65	ppb
Thallium	205-1	116.51	118.06	120.49	118.35	1.70	ppb
Tin	118-1	124.34	128.80	129.24	127.46	2.13	ppb
Titanium	47-1	1203.22	1266.84	1262.86	1244.31	2.86	ppb
Uranium	238-1	111.45	114.80	115.03	113.76	1.76	ppb
Vanadium	51-1	118.80	125.83	125.37	123.33	3.19	ppb
Yttrium	89-1				101		%
Zinc	66-1	1249.19	1320.58	1305.46	1291.74	2.91	ppb
Zirconium	90-1	118.12	124.55	120.90	121.19	2.66	ppb
Zirconium	91-1	120.01	126.40	121.24	122.55	2.77	ppb

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 13:37:08	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	5019.34	5135.19	5171.37	5108.63	1.55	ppb
Antimony	121-1	238.38	243.62	249.59	243.86	2.30	ppb
Arsenic	75-1	249.42	258.66	255.70	254.59	1.85	ppb
Barium	135-1	1164.91	1213.16	1216.35	1198.14	2.41	ppb
Barium	137-1	1194.97	1270.45	1270.77	1245.40	3.51	ppb
Beryllium	9-1	250.47	260.10	260.62	257.06	2.22	ppb
Bismuth	209-1				103		%
Bromine	81-1						cps
Cadmium	106-1	252.29	249.68	263.65	255.21	2.91	ppb
Cadmium	108-1	251.91	256.30	266.63	258.28	2.93	ppb
Cadmium	111-1	248.19	254.08	259.23	253.83	2.18	ppb
Calcium	43-1	25388.63	26020.20	26152.92	25853.92	1.58	ppb
Calcium	44-1	24774.30	25674.54	25855.89	25434.91	2.28	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	252.85	259.38	259.75	257.33	1.51	ppb
Cobalt	59-1	249.19	250.40	256.84	252.14	1.63	ppb
Copper	63-1	2463.65	2564.43	2610.02	2546.03	2.94	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				103		%
Indium	115-1				99		%
Iron	56-1	12878.95	13303.37	12993.14	13058.48	1.68	ppb
Iron	57-1	12629.55	12975.46	13037.11	12880.71	1.71	ppb
Iron	54-1	13055.47	13303.31	13265.64	13208.14	1.01	ppb
Krypton	83-1						cps
Lead	206-1	1242.68	1263.50	1286.82	1264.33	1.75	ppb
Lead	207-1	1199.61	1297.86	1278.92	1258.80	4.14	ppb
Lead	208-1	1223.03	1281.69	1267.43	1257.38	2.43	ppb
Lithium	6-1				106		%
Magnesium	24-1	24990.23	25570.64	25486.32	25349.07	1.24	ppb
Manganese	55-1	2500.06	2529.23	2539.82	2523.04	0.82	ppb
Molybdenum	94-1	2387.21	2573.77	2515.24	2492.07	3.83	ppb
Molybdenum	95-1	2428.30	2510.86	2533.99	2491.05	2.23	ppb
Molybdenum	96-1	2442.47	2484.93	2517.06	2481.49	1.51	ppb

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 13:37:08	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	2474.25	2526.14	2508.99	2503.12	1.06	ppb
Molybdenum	98-1	2428.36	2504.03	2557.25	2496.55	2.59	ppb
Neodymium	150-1						cps
Nickel	60-1	245.08	249.43	252.84	249.12	1.56	ppb
Phosphorus	31-1	4931.84	4974.22	5073.58	4993.21	1.46	ppb
Potassium	39-1	12710.33	12780.25	12765.52	12752.03	0.29	ppb
Rhodium	103-1				99		%
Scandium	45-1				99		%
Selenium	77-1	247.94	255.95	257.82	253.90	2.07	ppb
Selenium	78-1	258.89	260.63	266.55	262.03	1.53	ppb
Selenium	82-1	252.91	261.25	261.78	258.64	1.92	ppb
Silicon	28-1	253.83	260.10	265.04	259.66	2.16	ppb
Silver	109-1	240.51	245.77	251.99	246.09	2.34	ppb
Silver	107-1	243.19	248.48	255.13	248.93	2.40	ppb
Sodium	23-1	25076.57	26412.77	26160.12	25883.15	2.74	ppb
Strontium	86-1	247.54	254.77	255.85	252.72	1.79	ppb
Strontium	88-1	245.55	252.95	257.91	252.13	2.47	ppb
Sulfur	34-1	4695.07	4763.54	4768.33	4742.31	0.86	ppb
Terbium	159-1				103		%
Thallium	203-1	236.26	242.92	244.08	241.09	1.75	ppb
Thallium	205-1	234.77	239.46	242.95	239.06	1.72	ppb
Tin	118-1	241.67	245.59	254.00	247.08	2.55	ppb
Titanium	47-1	2482.64	2541.67	2594.94	2539.75	2.21	ppb
Uranium	238-1	243.00	255.04	249.88	249.31	2.42	ppb
Vanadium	51-1	247.66	250.59	259.03	252.43	2.34	ppb
Yttrium	89-1				100		%
Zinc	66-1	2514.56	2602.96	2591.41	2569.64	1.87	ppb
Zirconium	90-1	242.73	253.42	252.66	249.60	2.39	ppb
Zirconium	91-1	243.86	249.79	252.32	248.66	1.75	ppb

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 13:40:07	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	9813.73	10305.11	10057.78	10058.88	2.44	ppb
Antimony	121-1	476.72	508.71	499.76	495.06	3.33	ppb
Arsenic	75-1	488.85	530.38	502.08	507.10	4.18	ppb
Barium	135-1	2440.56	2564.21	2531.84	2512.20	2.55	ppb
Barium	137-1	2446.11	2586.75	2510.02	2514.29	2.80	ppb
Beryllium	9-1	487.85	522.11	509.15	506.37	3.42	ppb
Bismuth	209-1				106		%
Bromine	81-1						cps
Cadmium	106-1	503.27	522.13	500.72	508.70	2.30	ppb
Cadmium	108-1	494.66	519.43	497.53	503.87	2.69	ppb
Cadmium	111-1	492.23	517.66	503.80	504.57	2.52	ppb
Calcium	43-1	50533.88	52406.39	50922.10	51287.46	1.93	ppb
Calcium	44-1	49535.74	52300.32	50846.42	50894.16	2.72	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	492.74	523.16	505.13	507.01	3.02	ppb
Cobalt	59-1	499.57	522.63	510.31	510.83	2.26	ppb
Copper	63-1	4918.83	5199.24	5129.14	5082.40	2.87	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				105		%
Indium	115-1				102		%
Iron	56-1	25602.94	26788.58	26051.84	26147.79	2.29	ppb
Iron	57-1	25392.89	26603.14	25631.71	25875.91	2.48	ppb
Iron	54-1	25117.69	27246.95	26718.37	26361.01	4.21	ppb
Krypton	83-1						cps
Lead	206-1	2422.73	2576.45	2494.43	2497.87	3.08	ppb
Lead	207-1	2424.42	2561.91	2518.29	2501.54	2.81	ppb
Lead	208-1	2409.05	2574.18	2504.67	2495.97	3.32	ppb
Lithium	6-1				107		%
Magnesium	24-1	50283.87	51814.41	50700.99	50933.09	1.55	ppb
Manganese	55-1	5002.36	5183.73	5062.94	5083.01	1.82	ppb
Molybdenum	94-1	4738.48	5160.14	4994.56	4964.40	4.28	ppb
Molybdenum	95-1	4791.08	5143.69	4955.25	4963.34	3.55	ppb
Molybdenum	96-1	4817.32	5135.98	4982.46	4978.58	3.20	ppb

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 13:40:07	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	4755.31	5249.48	4988.87	4997.89	4.95	ppb
Molybdenum	98-1	4841.78	5148.74	4995.10	4995.21	3.07	ppb
Neodymium	150-1						cps
Nickel	60-1	487.70	507.65	495.41	496.92	2.02	ppb
Phosphorus	31-1	9889.42	10498.73	10088.93	10159.03	3.06	ppb
Potassium	39-1	24978.73	26248.77	25447.70	25558.40	2.51	ppb
Rhodium	103-1				102		%
Scandium	45-1				100		%
Selenium	77-1	489.34	531.84	510.30	510.49	4.16	ppb
Selenium	78-1	487.35	533.92	505.42	508.90	4.61	ppb
Selenium	82-1	495.44	527.57	510.17	511.06	3.15	ppb
Silicon	28-1	495.84	523.76	516.55	512.05	2.83	ppb
Silver	109-1	493.24	509.23	499.35	500.60	1.61	ppb
Silver	107-1	485.09	521.03	492.97	499.70	3.78	ppb
Sodium	23-1	51162.88	52462.17	51465.30	51696.78	1.32	ppb
Strontium	86-1	486.11	522.29	503.86	504.09	3.59	ppb
Strontium	88-1	484.49	513.21	497.60	498.43	2.88	ppb
Sulfur	34-1	9969.58	10406.38	9891.70	10089.22	2.75	ppb
Terbium	159-1				105		%
Thallium	203-1	459.51	496.50	476.79	477.60	3.88	ppb
Thallium	205-1	493.07	512.64	491.49	499.07	2.36	ppb
Tin	118-1	476.23	501.02	491.20	489.48	2.55	ppb
Titanium	47-1	5042.58	5106.21	5087.27	5078.69	0.64	ppb
Uranium	238-1	478.12	519.59	512.60	503.43	4.41	ppb
Vanadium	51-1	483.95	514.83	502.14	500.31	3.10	ppb
Yttrium	89-1				102		%
Zinc	66-1	5042.66	5264.03	5165.46	5157.38	2.15	ppb
Zirconium	90-1	482.48	518.63	501.49	500.87	3.61	ppb
Zirconium	91-1	477.45	512.35	493.24	494.35	3.54	ppb

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 13:43:03	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	19327.55	20113.50	20321.02	19920.69	2.63	ppb
Antimony	121-1	978.75	1031.97	1000.98	1003.90	2.66	ppb
Arsenic	75-1	967.76	1011.00	1006.31	995.02	2.38	ppb
Barium	135-1	4849.36	5154.08	5021.63	5008.36	3.05	ppb
Barium	137-1	4831.90	5128.25	5022.86	4994.33	3.01	ppb
Beryllium	9-1	958.73	1012.45	1011.78	994.32	3.10	ppb
Bismuth	209-1				109		%
Bromine	81-1						cps
Cadmium	106-1	964.92	1013.62	1000.75	993.10	2.54	ppb
Cadmium	108-1	974.04	1008.55	1001.88	994.82	1.84	ppb
Cadmium	111-1	965.67	1014.55	1006.78	995.67	2.64	ppb
Calcium	43-1	95735.23	99849.89	100228.54	98604.55	2.53	ppb
Calcium	44-1	97616.96	102605.34	102102.06	100774.79	2.73	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	951.81	1009.75	1022.08	994.54	3.77	ppb
Cobalt	59-1	971.50	1002.10	1008.66	994.09	1.99	ppb
Copper	63-1	9743.14	10071.63	10016.11	9943.63	1.77	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				108		%
Indium	115-1				103		%
Iron	56-1	48934.41	52186.63	52969.23	51363.42	4.17	ppb
Iron	57-1	48642.42	52302.74	51476.72	50807.29	3.78	ppb
Iron	54-1	49589.92	52755.84	52659.24	51668.34	3.48	ppb
Krypton	83-1						cps
Lead	206-1	4923.57	5060.43	5021.54	5001.84	1.41	ppb
Lead	207-1	4899.00	5120.44	4989.97	5003.14	2.22	ppb
Lead	208-1	4886.20	5108.30	5015.53	5003.34	2.23	ppb
Lithium	6-1				110		%
Magnesium	24-1	96430.78	101284.68	101309.91	99675.12	2.82	ppb
Manganese	55-1	9655.79	10123.77	10067.44	9949.00	2.57	ppb
Molybdenum	94-1	9677.50	10031.07	10361.71	10023.43	3.41	ppb
Molybdenum	95-1	9630.84	10189.25	10247.14	10022.41	3.40	ppb
Molybdenum	96-1	9738.48	10170.84	10146.48	10018.60	2.42	ppb

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 13:43:03	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	9664.25	10063.17	10284.91	10004.11	3.14	ppb
Molybdenum	98-1	9647.95	10188.11	10179.83	10005.30	3.09	ppb
Neodymium	150-1						cps
Nickel	60-1	975.46	1012.00	1017.43	1001.63	2.28	ppb
Phosphorus	31-1	19409.28	20021.84	20388.94	19940.02	2.48	ppb
Potassium	39-1	48159.64	51451.33	50400.35	50003.78	3.36	ppb
Rhodium	103-1				105		%
Scandium	45-1				104		%
Selenium	77-1	968.35	1012.84	996.64	992.61	2.27	ppb
Selenium	78-1	963.16	1015.18	997.25	991.86	2.66	ppb
Selenium	82-1	965.18	1003.96	1006.31	991.82	2.33	ppb
Silicon	28-1	945.59	1002.54	1025.02	991.05	4.13	ppb
Silver	109-1	977.32	1025.76	997.67	1000.25	2.43	ppb
Silver	107-1	974.55	1014.33	1010.32	999.73	2.19	ppb
Sodium	23-1	96885.33	101841.60	101592.73	100106.56	2.79	ppb
Strontium	86-1	966.84	1009.87	1014.62	997.11	2.64	ppb
Strontium	88-1	968.83	1014.83	1017.36	1000.34	2.73	ppb
Sulfur	34-1	19371.99	20353.80	20434.65	20053.48	2.95	ppb
Terbium	159-1				108		%
Thallium	203-1	1005.07	1032.96	1004.63	1014.22	1.60	ppb
Thallium	205-1	990.84	1012.60	1009.03	1004.15	1.16	ppb
Tin	118-1	977.47	1037.38	1002.01	1005.62	2.99	ppb
Titanium	47-1	9636.62	10158.41	10059.65	9951.56	2.79	ppb
Uranium	238-1	973.51	1025.02	1001.76	1000.10	2.58	ppb
Vanadium	51-1	962.14	1016.09	1020.20	999.48	3.24	ppb
Yttrium	89-1				105		%
Zinc	66-1	9558.99	10022.21	10113.47	9898.22	3.00	ppb
Zirconium	90-1	965.67	1017.95	1016.97	1000.20	2.99	ppb
Zirconium	91-1	983.74	1004.80	1021.95	1003.50	1.91	ppb

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 13:46:01	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	97978.45	100771.52	101264.61	100004.86	1.77	ppb
Antimony	121-1	0.83	0.73	0.75	0.77	6.85	ppb
Arsenic	75-1	1.47	1.17	1.26	1.30	11.80	ppb
Barium	135-1	2.97	2.82	2.90	2.90	2.74	ppb
Barium	137-1	2.69	2.75	2.77	2.74	1.43	ppb
Beryllium	9-1	0.18	0.14	0.08	0.13	37.18	ppb
Bismuth	209-1				106		%
Bromine	81-1						cps
Cadmium	106-1	1.69	0.83	0.77	1.10	46.63	ppb
Cadmium	108-1	0.52	0.77	0.47	0.59	26.90	ppb
Cadmium	111-1	0.67	0.51	0.53	0.57	15.66	ppb
Calcium	43-1	488512.87	513038.40	498731.04	500094.10	2.46	ppb
Calcium	44-1	490126.72	503838.75	505221.98	499729.15	1.67	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	4.12	4.24	4.15	4.17	1.41	ppb
Cobalt	59-1	1.46	1.47	1.47	1.47	0.46	ppb
Copper	63-1	7.37	7.84	8.10	7.77	4.78	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				111		%
Indium	115-1				104		%
Iron	56-1	243550.00	251405.44	253773.59	249576.34	2.14	ppb
Iron	57-1	242484.61	253109.96	253580.45	249725.01	2.51	ppb
Iron	54-1	243585.27	250378.26	254483.06	249482.20	2.21	ppb
Krypton	83-1						cps
Lead	206-1	1.26	1.18	1.19	1.21	3.47	ppb
Lead	207-1	1.17	1.21	1.20	1.19	1.79	ppb
Lead	208-1	1.23	1.22	1.19	1.21	1.78	ppb
Lithium	6-1				109		%
Magnesium	24-1	488244.84	506258.08	505367.21	499956.71	2.03	ppb
Manganese	55-1	3.24	3.39	3.40	3.34	2.72	ppb
Molybdenum	94-1	2.94	2.84	2.95	2.91	2.20	ppb
Molybdenum	95-1	1.65	1.55	1.50	1.56	4.83	ppb
Molybdenum	96-1	2.66	2.57	2.46	2.56	3.95	ppb

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 13:46:01	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	1.60	1.55	1.57	1.58	1.53	ppb
Molybdenum	98-1	1.69	1.53	1.49	1.57	6.86	ppb
Neodymium	150-1						cps
Nickel	60-1	3.45	3.52	3.69	3.55	3.40	ppb
Phosphorus	31-1	-124.89	-125.19	-126.31	-125.46		ppb
Potassium	39-1	240365.07	253383.08	256031.02	249926.39	3.36	ppb
Rhodium	103-1				101		%
Scandium	45-1				104		%
Selenium	77-1	2.28	1.96	1.29	1.84	27.41	ppb
Selenium	78-1	-33.56	-29.27	-31.46	-31.43		ppb
Selenium	82-1	1.42	1.66	1.01	1.36	24.05	ppb
Silicon	28-1	-5.60	-4.83	-2.28	-4.24		ppb
Silver	109-1	0.41	0.18	0.16	0.25	55.03	ppb
Silver	107-1	0.38	0.19	0.14	0.24	52.93	ppb
Sodium	23-1	486884.82	502211.04	510180.11	499758.66	2.37	ppb
Strontium	86-1	12.23	12.19	12.63	12.35	1.95	ppb
Strontium	88-1	11.71	12.15	12.07	11.98	1.96	ppb
Sulfur	34-1	-2329.31	-2171.61	-2174.29	-2225.07		ppb
Terbium	159-1				110		%
Thallium	203-1	1.46	1.47	1.47	1.47	0.47	ppb
Thallium	205-1	1.34	1.40	1.39	1.38	2.24	ppb
Tin	118-1	-0.03	-0.05	0.00	-0.02		ppb
Titanium	47-1	0.75	0.60	0.59	0.65	14.12	ppb
Uranium	238-1	0.05	0.02	0.02	0.03	55.62	ppb
Vanadium	51-1	0.43	0.39	0.41	0.41	4.80	ppb
Yttrium	89-1				107		%
Zinc	66-1	8.31	8.03	8.27	8.21	1.88	ppb
Zirconium	90-1	0.86	0.83	0.83	0.84	1.91	ppb
Zirconium	91-1	0.84	0.92	0.81	0.86	6.81	ppb

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 15:56:42	DataFile Name :	017ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	1521.06	1622.55	1676.21	1606.61	4.90	ppb
Antimony	121-1	409.75	416.20	446.10	424.02	4.57	ppb
Arsenic	75-1	391.13	404.27	425.61	407.00	4.27	ppb
Barium	135-1	1478.12	1535.94	1647.97	1554.01	5.56	ppb
Barium	137-1	1583.57	1628.47	1711.68	1641.24	3.96	ppb
Beryllium	9-1	41.07	42.65	43.81	42.51	3.23	ppb
Bismuth	209-1				105		%
Bromine	81-1						cps
Cadmium	106-1	181.58	186.97	199.27	189.27	4.79	ppb
Cadmium	108-1	199.85	204.62	221.96	208.81	5.57	ppb
Cadmium	111-1	198.72	205.33	218.53	207.53	4.86	ppb
Calcium	43-1	3980.22	4012.67	4244.70	4079.20	3.54	ppb
Calcium	44-1	3986.28	4060.49	4325.46	4124.08	4.32	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	163.76	165.43	174.63	167.94	3.49	ppb
Cobalt	59-1	405.52	415.05	436.39	418.99	3.77	ppb
Copper	63-1	179.11	182.49	192.67	184.76	3.82	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				104		%
Indium	115-1				102		%
Iron	56-1	747.53	791.83	865.04	801.47	7.40	ppb
Iron	57-1	781.39	805.12	849.80	812.10	4.28	ppb
Iron	54-1	876.02	886.63	972.47	911.71	5.80	ppb
Krypton	83-1						cps
Lead	206-1	372.78	377.54	401.12	383.81	3.95	ppb
Lead	207-1	359.83	367.36	389.77	372.32	4.18	ppb
Lead	208-1	372.12	386.26	404.10	387.49	4.14	ppb
Lithium	6-1				99		%
Magnesium	24-1	3719.13	3730.80	3946.56	3798.83	3.37	ppb
Manganese	55-1	405.57	410.01	426.10	413.90	2.61	ppb
Molybdenum	94-1	4093.22	4118.84	4414.30	4208.79	4.24	ppb
Molybdenum	95-1	4989.82	5055.48	5396.41	5147.24	4.24	ppb
Molybdenum	96-1	4887.66	4978.69	5223.96	5030.10	3.46	ppb

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 15:56:42	DataFile Name :	017ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	4966.02	5103.28	5289.38	5119.56	3.17	ppb
Molybdenum	98-1	5044.31	5135.34	5417.50	5199.05	3.74	ppb
Neodymium	150-1						cps
Nickel	60-1	393.44	402.22	421.22	405.63	3.50	ppb
Phosphorus	31-1	-128.07	-129.62	-125.47	-127.72		ppb
Potassium	39-1	4045.15	4053.89	4243.29	4114.11	2.72	ppb
Rhodium	103-1				102		%
Scandium	45-1				100		%
Selenium	77-1	386.89	413.50	437.61	412.67	6.15	ppb
Selenium	78-1	402.72	410.10	453.45	422.09	6.49	ppb
Selenium	82-1	396.95	407.37	439.07	414.46	5.29	ppb
Silicon	28-1	-5.80	-8.28	-0.77	-4.95		ppb
Silver	109-1	184.79	175.55	184.10	181.48	2.84	ppb
Silver	107-1	186.66	177.97	206.55	190.39	7.70	ppb
Sodium	23-1	3892.37	4021.97	4187.71	4034.01	3.67	ppb
Strontium	86-1	-0.01	0.02	0.08	0.03	157.59	ppb
Strontium	88-1	0.05	0.05	0.06	0.05	6.71	ppb
Sulfur	34-1	-2950.28	-3324.19	-2774.67	-3016.38		ppb
Terbium	159-1				104		%
Thallium	203-1	360.90	368.34	392.30	373.85	4.39	ppb
Thallium	205-1	378.70	393.65	412.96	395.10	4.35	ppb
Tin	118-1	0.12	0.11	0.25	0.16	51.00	ppb
Titanium	47-1	0.49	0.61	0.70	0.60	16.88	ppb
Uranium	238-1	0.03	-0.01	-0.01	0.00	574.94	ppb
Vanadium	51-1	400.14	406.06	429.74	411.98	3.80	ppb
Yttrium	89-1				103		%
Zinc	66-1	359.96	368.19	387.62	371.92	3.82	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	47.33	ppb
Zirconium	91-1	0.05	0.07	0.07	0.07	16.57	ppb

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 16:02:16	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.17	0.20	0.08	0.15	39.77	ppb
Antimony	121-1	0.04	0.05	0.04	0.04	18.56	ppb
Arsenic	75-1	0.09	0.06	0.36	0.17	96.10	ppb
Barium	135-1	0.03	0.03	-0.04	0.01	498.17	ppb
Barium	137-1	0.02	0.00	-0.02	0.00		ppb
Beryllium	9-1	0.00	-0.02	-0.02	-0.01		ppb
Bismuth	209-1				105		%
Bromine	81-1						cps
Cadmium	106-1	-1.54	-2.80	-2.16	-2.17		ppb
Cadmium	108-1	-0.03	0.06	-0.08	-0.02		ppb
Cadmium	111-1	-0.09	-0.17	-0.15	-0.14		ppb
Calcium	43-1	-4.78	-10.19	3.61	-3.79		ppb
Calcium	44-1	-12.93	-7.29	-2.39	-7.54		ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	-0.11	0.01	0.00	-0.03		ppb
Cobalt	59-1	0.03	0.00	-0.01	0.01	277.20	ppb
Copper	63-1	-0.01	0.01	-0.01	0.00		ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				103		%
Indium	115-1				100		%
Iron	56-1	-25.22	-1.96	-15.25	-14.14		ppb
Iron	57-1	-13.25	-9.70	-10.94	-11.30		ppb
Iron	54-1	-9.53	13.91	-3.93	0.15	8050.13	ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.03	-0.02	-0.02		ppb
Lead	207-1	0.02	-0.02	-0.01	-0.01		ppb
Lead	208-1	0.02	-0.01	-0.02	-0.01		ppb
Lithium	6-1				99		%
Magnesium	24-1	-0.10	0.00	-0.24	-0.11		ppb
Manganese	55-1	0.00	-0.02	-0.06	-0.03		ppb
Molybdenum	94-1	0.07	0.04	0.05	0.05	30.22	ppb
Molybdenum	95-1	0.11	0.08	0.07	0.09	24.24	ppb
Molybdenum	96-1	0.09	0.05	0.08	0.08	26.30	ppb

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 16:02:16	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	0.11	0.09	0.06	0.08	30.44	ppb
Molybdenum	98-1	0.10	0.08	0.07	0.08	15.62	ppb
Neodymium	150-1						cps
Nickel	60-1	0.01	0.03	-0.01	0.01	195.20	ppb
Phosphorus	31-1	-130.35	-127.47	-126.73	-128.18		ppb
Potassium	39-1	-23.30	-11.56	-22.11	-18.99		ppb
Rhodium	103-1				101		%
Scandium	45-1				99		%
Selenium	77-1	0.41	0.52	0.93	0.62	43.72	ppb
Selenium	78-1	-11.99	-5.38	-9.93	-9.10		ppb
Selenium	82-1	1.53	-0.50	-0.63	0.13	913.62	ppb
Silicon	28-1	-6.10	-3.78	-7.45	-5.78		ppb
Silver	109-1	0.49	0.09	0.06	0.21	112.64	ppb
Silver	107-1	0.40	0.09	0.04	0.17	112.81	ppb
Sodium	23-1	-2.67	-0.89	-2.02	-1.86		ppb
Strontium	86-1	0.01	0.05	-0.08	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	315.82	ppb
Sulfur	34-1	-3201.32	-2690.55	-2799.06	-2896.98		ppb
Terbium	159-1				102		%
Thallium	203-1	0.04	0.03	0.02	0.03	39.74	ppb
Thallium	205-1	0.03	0.02	0.01	0.02	35.14	ppb
Tin	118-1	0.01	-0.02	-0.01	0.00		ppb
Titanium	47-1	0.05	0.01	-0.04	0.01	788.89	ppb
Uranium	238-1	0.02	-0.01	-0.01	0.00	2053.26	ppb
Vanadium	51-1	0.00	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				101		%
Zinc	66-1	0.05	-0.01	0.11	0.05	115.55	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	204.09	ppb
Zirconium	91-1	-0.02	0.00	0.01	0.00		ppb

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 16:05:41	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	84823.08	92510.50	91660.76	89664.78	4.70	ppb
Antimony	121-1	1.03	1.08	1.08	1.06	2.51	ppb
Arsenic	75-1	1.08	1.71	1.82	1.54	26.05	ppb
Barium	135-1	1.26	1.29	1.32	1.29	2.24	ppb
Barium	137-1	1.31	1.32	1.43	1.35	4.84	ppb
Beryllium	9-1	0.30	0.26	0.22	0.26	15.29	ppb
Bismuth	209-1				105		%
Bromine	81-1						cps
Cadmium	106-1	-3.53	-2.49	-2.49	-2.84		ppb
Cadmium	108-1	7.14	8.00	6.91	7.35	7.78	ppb
Cadmium	111-1	-0.01	0.05	0.07	0.04	106.12	ppb
Calcium	43-1	93787.16	97425.96	97190.61	96134.58	2.12	ppb
Calcium	44-1	93878.58	97399.36	97794.19	96357.37	2.24	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	18.71	20.09	19.83	19.54	3.75	ppb
Cobalt	59-1	1.13	1.16	1.10	1.13	2.85	ppb
Copper	63-1	8.00	8.33	8.35	8.23	2.41	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				106		%
Indium	115-1				101		%
Iron	56-1	94276.16	98135.17	96643.39	96351.58	2.02	ppb
Iron	57-1	92630.21	97019.01	96758.77	95469.33	2.58	ppb
Iron	54-1	95756.98	99834.22	98453.73	98014.98	2.12	ppb
Krypton	83-1						cps
Lead	206-1	4.25	4.30	4.19	4.25	1.30	ppb
Lead	207-1	3.52	3.92	3.68	3.71	5.37	ppb
Lead	208-1	3.82	4.04	3.86	3.91	2.99	ppb
Lithium	6-1				101		%
Magnesium	24-1	86234.68	89246.96	88038.71	87840.12	1.73	ppb
Manganese	55-1	6.25	6.48	6.47	6.40	1.99	ppb
Molybdenum	94-1	1498.80	1577.08	1563.68	1546.52	2.71	ppb
Molybdenum	95-1	1852.32	1909.87	1925.52	1895.90	2.03	ppb
Molybdenum	96-1	1776.11	1830.72	1894.23	1833.69	3.22	ppb

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 16:05:41	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	1836.10	1938.05	1897.69	1890.61	2.72	ppb
Molybdenum	98-1	1816.63	1889.45	1923.94	1876.67	2.92	ppb
Neodymium	150-1						cps
Nickel	60-1	5.19	5.42	5.24	5.28	2.34	ppb
Phosphorus	31-1	96958.85	100432.03	98606.74	98665.87	1.76	ppb
Potassium	39-1	95278.58	99169.58	99247.95	97898.71	2.32	ppb
Rhodium	103-1				101		%
Scandium	45-1				101		%
Selenium	77-1	2.55	3.45	3.93	3.31	21.17	ppb
Selenium	78-1	-23.47	-12.60	-8.25	-14.77		ppb
Selenium	82-1	-0.11	-0.98	-1.71	-0.94		ppb
Silicon	28-1	-5.42	-3.23	-2.87	-3.84		ppb
Silver	109-1	0.07	0.04	0.04	0.05	33.75	ppb
Silver	107-1	0.06	0.04	0.03	0.04	36.16	ppb
Sodium	23-1	93027.86	94738.80	96071.21	94612.62	1.61	ppb
Strontium	86-1	30.98	32.05	31.53	31.52	1.70	ppb
Strontium	88-1	29.98	30.75	31.41	30.71	2.32	ppb
Sulfur	34-1	113659.77	116827.54	112427.32	114304.88	1.99	ppb
Terbium	159-1				105		%
Thallium	203-1	0.06	0.05	0.07	0.06	19.69	ppb
Thallium	205-1	0.05	0.06	0.06	0.06	13.03	ppb
Tin	118-1	0.17	0.33	0.38	0.29	36.41	ppb
Titanium	47-1	1840.27	1992.20	1901.66	1911.37	4.00	ppb
Uranium	238-1	0.03	0.01	0.01	0.02	65.70	ppb
Vanadium	51-1	0.15	0.14	0.14	0.14	1.19	ppb
Yttrium	89-1				103		%
Zinc	66-1	9.64	11.03	10.88	10.52	7.25	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	32.08	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	179.49	ppb

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 16:10:10	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	89437.57	88569.92	89512.60	89173.37	0.59	ppb
Antimony	121-1	18.98	20.05	20.33	19.79	3.58	ppb
Arsenic	75-1	20.10	20.69	21.73	20.84	3.95	ppb
Barium	135-1	19.47	20.25	20.33	20.01	2.37	ppb
Barium	137-1	19.78	20.62	20.10	20.17	2.09	ppb
Beryllium	9-1	20.29	20.60	20.27	20.39	0.90	ppb
Bismuth	209-1				108		%
Bromine	81-1						cps
Cadmium	106-1	14.07	14.52	16.28	14.96	7.84	ppb
Cadmium	108-1	24.43	27.19	27.25	26.29	6.14	ppb
Cadmium	111-1	18.75	19.27	19.99	19.34	3.22	ppb
Calcium	43-1	93373.01	94025.02	96065.20	94487.74	1.49	ppb
Calcium	44-1	95012.89	96523.94	96954.18	96163.67	1.06	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	38.12	37.94	38.95	38.34	1.41	ppb
Cobalt	59-1	19.78	19.91	20.18	19.96	1.02	ppb
Copper	63-1	24.70	25.00	25.47	25.06	1.55	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				110		%
Indium	115-1				106		%
Iron	56-1	95954.09	96164.54	95878.59	95999.07	0.15	ppb
Iron	57-1	95053.18	95215.66	96273.54	95514.13	0.69	ppb
Iron	54-1	95362.91	96223.47	96729.56	96105.31	0.72	ppb
Krypton	83-1						cps
Lead	206-1	24.67	25.19	24.54	24.80	1.40	ppb
Lead	207-1	23.70	23.87	23.96	23.84	0.56	ppb
Lead	208-1	23.80	24.35	23.94	24.03	1.20	ppb
Lithium	6-1				102		%
Magnesium	24-1	85825.79	86410.18	86744.11	86326.69	0.54	ppb
Manganese	55-1	23.23	23.04	23.20	23.16	0.45	ppb
Molybdenum	94-1	1507.16	1558.63	1545.32	1537.04	1.74	ppb
Molybdenum	95-1	1857.36	1891.31	1957.45	1902.04	2.68	ppb
Molybdenum	96-1	1823.18	1862.43	1890.79	1858.80	1.83	ppb

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 16:10:10	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	1845.79	1876.21	1927.28	1883.10	2.19	ppb
Molybdenum	98-1	1841.90	1915.95	1926.72	1894.85	2.44	ppb
Neodymium	150-1						cps
Nickel	60-1	23.66	23.89	24.03	23.86	0.78	ppb
Phosphorus	31-1	98799.46	99228.38	98609.37	98879.07	0.32	ppb
Potassium	39-1	98449.63	96344.23	97940.34	97578.06	1.13	ppb
Rhodium	103-1				105		%
Scandium	45-1				105		%
Selenium	77-1	22.78	23.28	25.21	23.76	5.40	ppb
Selenium	78-1	-6.61	-5.70	3.19	-3.04		ppb
Selenium	82-1	18.91	19.36	19.20	19.16	1.20	ppb
Silicon	28-1	-8.17	-9.79	-9.53	-9.16		ppb
Silver	109-1	17.63	18.72	18.99	18.45	3.91	ppb
Silver	107-1	17.88	18.82	19.02	18.57	3.29	ppb
Sodium	23-1	93824.40	93259.26	93575.81	93553.15	0.30	ppb
Strontium	86-1	30.48	31.50	31.89	31.29	2.34	ppb
Strontium	88-1	30.03	30.75	30.84	30.54	1.45	ppb
Sulfur	34-1	113306.96	112804.18	111465.80	112525.65	0.85	ppb
Terbium	159-1				109		%
Thallium	203-1	21.73	22.00	21.69	21.81	0.78	ppb
Thallium	205-1	21.42	21.82	21.44	21.56	1.05	ppb
Tin	118-1	0.14	0.24	0.38	0.25	48.18	ppb
Titanium	47-1	1929.41	1953.55	1960.91	1947.96	0.85	ppb
Uranium	238-1	0.02	0.00	0.00	0.01	134.79	ppb
Vanadium	51-1	18.85	18.77	19.02	18.88	0.68	ppb
Yttrium	89-1				108		%
Zinc	66-1	27.44	27.41	27.41	27.42	0.06	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	46.46	ppb
Zirconium	91-1	0.01	-0.01	0.01	0.00	221.52	ppb

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 16:13:10	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	46155.71	48319.44	48930.82	47801.99	3.05	ppb
Antimony	121-1	481.83	508.34	511.38	500.52	3.25	ppb
Arsenic	75-1	468.19	485.96	486.92	480.35	2.20	ppb
Barium	135-1	2489.92	2538.35	2533.35	2520.54	1.06	ppb
Barium	137-1	2428.30	2585.83	2521.82	2511.99	3.15	ppb
Beryllium	9-1	499.91	527.86	527.66	518.48	3.10	ppb
Bismuth	209-1				112		%
Bromine	81-1						cps
Cadmium	106-1	466.27	502.77	498.55	489.20	4.08	ppb
Cadmium	108-1	474.69	502.42	498.71	491.94	3.06	ppb
Cadmium	111-1	474.47	492.88	490.02	485.79	2.04	ppb
Calcium	43-1	241823.47	248321.05	253193.54	247779.35	2.30	ppb
Calcium	44-1	239398.27	252001.69	250050.75	247150.24	2.74	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	477.59	500.25	512.54	496.79	3.57	ppb
Cobalt	59-1	466.77	488.74	491.67	482.39	2.82	ppb
Copper	63-1	4605.22	4799.83	4781.69	4728.91	2.27	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				114		%
Indium	115-1				110		%
Iron	56-1	120624.96	126449.60	125903.23	124325.93	2.59	ppb
Iron	57-1	121612.03	126749.35	125724.38	124695.25	2.18	ppb
Iron	54-1	121290.55	126482.81	128602.73	125458.70	3.00	ppb
Krypton	83-1						cps
Lead	206-1	2361.19	2524.39	2447.69	2444.42	3.34	ppb
Lead	207-1	2402.17	2533.03	2512.20	2482.47	2.83	ppb
Lead	208-1	2427.67	2542.12	2491.74	2487.18	2.31	ppb
Lithium	6-1				105		%
Magnesium	24-1	223504.85	239696.48	240196.12	234465.81	4.05	ppb
Manganese	55-1	4801.15	4906.53	4936.80	4881.49	1.46	ppb
Molybdenum	94-1	4742.35	4921.43	5029.12	4897.63	2.96	ppb
Molybdenum	95-1	4799.72	4979.44	4992.47	4923.88	2.19	ppb
Molybdenum	96-1	4691.22	5023.81	4906.60	4873.88	3.46	ppb

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 16:13:10	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	4794.60	4990.71	4917.87	4901.06	2.02	ppb
Molybdenum	98-1	4771.43	4911.11	4932.81	4871.78	1.80	ppb
Neodymium	150-1						cps
Nickel	60-1	442.66	464.30	463.39	456.78	2.68	ppb
Phosphorus	31-1	9603.29	9661.14	9964.33	9742.92	1.99	ppb
Potassium	39-1	120172.40	123878.33	125109.15	123053.29	2.09	ppb
Rhodium	103-1				108		%
Scandium	45-1				111		%
Selenium	77-1	457.51	476.45	476.27	470.08	2.31	ppb
Selenium	78-1	443.37	453.86	460.22	452.48	1.88	ppb
Selenium	82-1	457.89	472.77	475.09	468.58	1.99	ppb
Silicon	28-1	461.73	495.42	499.41	485.52	4.26	ppb
Silver	109-1	482.44	492.61	503.46	492.84	2.13	ppb
Silver	107-1	476.49	497.16	503.21	492.28	2.85	ppb
Sodium	23-1	227786.62	237914.52	239746.80	235149.31	2.74	ppb
Strontium	86-1	481.87	494.49	498.43	491.59	1.76	ppb
Strontium	88-1	480.54	497.87	498.21	492.21	2.05	ppb
Sulfur	34-1	6503.09	7370.25	7365.92	7079.76	7.05	ppb
Terbium	159-1				113		%
Thallium	203-1	454.39	486.04	471.38	470.60	3.37	ppb
Thallium	205-1	492.30	502.83	500.35	498.49	1.10	ppb
Tin	118-1	481.17	515.30	511.39	502.62	3.72	ppb
Titanium	47-1	4863.79	4936.04	5067.94	4955.92	2.09	ppb
Uranium	238-1	510.84	518.68	506.55	512.02	1.20	ppb
Vanadium	51-1	474.08	503.19	504.09	493.79	3.46	ppb
Yttrium	89-1				113		%
Zinc	66-1	4609.28	4800.53	4957.61	4789.14	3.64	ppb
Zirconium	90-1	477.64	496.12	510.00	494.59	3.28	ppb
Zirconium	91-1	467.64	485.54	489.98	481.05	2.46	ppb

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 16:18:22	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	2.22	0.29	0.58	1.03	100.66	ppb
Antimony	121-1	0.06	0.06	0.06	0.06	3.40	ppb
Arsenic	75-1	0.45	0.53	0.43	0.47	10.62	ppb
Barium	135-1	0.05	0.00	0.02	0.02	89.77	ppb
Barium	137-1	0.04	-0.01	0.02	0.02	152.41	ppb
Beryllium	9-1	0.03	-0.01	-0.02	0.00		ppb
Bismuth	209-1				109		%
Bromine	81-1						cps
Cadmium	106-1	-2.35	-2.59	-1.92	-2.29		ppb
Cadmium	108-1	0.09	0.00	-0.13	-0.01		ppb
Cadmium	111-1	-0.15	-0.13	-0.10	-0.13		ppb
Calcium	43-1	-3.82	-3.00	-7.93	-4.91		ppb
Calcium	44-1	-1.09	12.41	18.26	9.86	100.65	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	0.06	0.02	-0.05	0.01	672.42	ppb
Cobalt	59-1	0.03	0.00	-0.01	0.01	335.39	ppb
Copper	63-1	0.26	0.18	0.17	0.21	21.51	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				104		%
Indium	115-1				105		%
Iron	56-1	-6.13	-8.60	-2.21	-5.65		ppb
Iron	57-1	-14.98	-11.97	-13.17	-13.37		ppb
Iron	54-1	-7.60	-3.64	-4.36	-5.20		ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.02	-0.02	0.01	284.02	ppb
Lead	207-1	0.04	0.04	0.03	0.04	9.97	ppb
Lead	208-1	0.04	0.02	0.01	0.02	74.74	ppb
Lithium	6-1				99		%
Magnesium	24-1	1.98	1.48	1.34	1.60	21.27	ppb
Manganese	55-1	0.02	-0.06	-0.05	-0.03		ppb
Molybdenum	94-1	0.13	0.07	0.08	0.09	40.27	ppb
Molybdenum	95-1	0.08	0.10	0.06	0.08	27.77	ppb
Molybdenum	96-1	0.11	0.09	0.06	0.09	25.75	ppb

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 16:18:22	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	0.09	0.10	0.05	0.08	31.62	ppb
Molybdenum	98-1	0.10	0.09	0.07	0.09	14.23	ppb
Neodymium	150-1						cps
Nickel	60-1	-0.03	0.01	0.04	0.01	401.20	ppb
Phosphorus	31-1	-128.74	-129.79	-128.66	-129.06		ppb
Potassium	39-1	-6.56	-7.62	-0.68	-4.95		ppb
Rhodium	103-1				105		%
Scandium	45-1				102		%
Selenium	77-1	0.81	1.96	1.14	1.30	45.44	ppb
Selenium	78-1	-19.95	-15.62	-4.05	-13.21		ppb
Selenium	82-1	-0.39	-0.43	-1.15	-0.66		ppb
Silicon	28-1	-11.82	-8.36	-11.16	-10.45		ppb
Silver	109-1	0.02	0.02	0.01	0.02	30.10	ppb
Silver	107-1	0.02	0.02	0.02	0.02	11.31	ppb
Sodium	23-1	21.46	21.49	19.11	20.69	6.60	ppb
Strontium	86-1	-0.09	0.08	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.01	0.00	0.00	596.14	ppb
Sulfur	34-1	-2120.81	-2119.03	-1831.07	-2023.64		ppb
Terbium	159-1				106		%
Thallium	203-1	0.06	0.04	0.05	0.05	16.57	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	11.37	ppb
Tin	118-1	0.05	0.04	0.00	0.03	88.60	ppb
Titanium	47-1	0.03	0.03	0.03	0.03	14.59	ppb
Uranium	238-1	0.01	-0.01	0.00	0.00	1132.33	ppb
Vanadium	51-1	0.01	0.00	0.00	0.00	418.20	ppb
Yttrium	89-1				106		%
Zinc	66-1	0.49	0.23	0.29	0.34	41.49	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	30.34	ppb
Zirconium	91-1	0.01	-0.02	0.01	0.00	1664.61	ppb

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 16:21:21	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	18.63	20.00	20.44	19.69	4.79	ppb
Antimony	121-1	2.03	2.07	2.20	2.10	4.13	ppb
Arsenic	75-1	1.31	1.19	1.37	1.29	7.32	ppb
Barium	135-1	9.85	9.87	9.64	9.79	1.28	ppb
Barium	137-1	10.00	9.63	10.01	9.88	2.20	ppb
Beryllium	9-1	1.15	1.13	1.12	1.13	1.68	ppb
Bismuth	209-1				107		%
Bromine	81-1						cps
Cadmium	106-1	-1.10	-1.06	-1.69	-1.28		ppb
Cadmium	108-1	1.64	1.24	1.24	1.37	16.80	ppb
Cadmium	111-1	0.77	0.84	0.81	0.81	4.39	ppb
Calcium	43-1	485.96	524.49	494.06	501.50	4.05	ppb
Calcium	44-1	474.96	521.24	524.75	506.98	5.48	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	1.90	2.04	2.17	2.03	6.73	ppb
Cobalt	59-1	1.04	1.07	1.10	1.07	2.84	ppb
Copper	63-1	1.98	2.07	2.06	2.04	2.58	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				106		%
Indium	115-1				106		%
Iron	56-1	30.92	51.85	65.43	49.40	35.19	ppb
Iron	57-1	33.99	42.53	46.96	41.16	16.01	ppb
Iron	54-1	40.32	50.17	60.91	50.47	20.41	ppb
Krypton	83-1						cps
Lead	206-1	0.83	0.88	0.92	0.88	5.16	ppb
Lead	207-1	0.83	0.89	0.86	0.86	3.35	ppb
Lead	208-1	0.82	0.84	0.85	0.84	1.84	ppb
Lithium	6-1				100		%
Magnesium	24-1	464.47	503.51	504.98	490.99	4.68	ppb
Manganese	55-1	0.96	0.93	0.93	0.94	1.51	ppb
Molybdenum	94-1	5.82	5.93	6.01	5.92	1.63	ppb
Molybdenum	95-1	4.80	5.09	5.18	5.02	3.90	ppb
Molybdenum	96-1	5.08	5.05	5.20	5.11	1.54	ppb

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 16:21:21	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	4.97	5.18	5.35	5.17	3.69	ppb
Molybdenum	98-1	5.02	5.14	5.15	5.10	1.41	ppb
Neodymium	150-1						cps
Nickel	60-1	0.86	0.98	0.92	0.92	6.86	ppb
Phosphorus	31-1	112.91	123.47	125.41	120.60	5.58	ppb
Potassium	39-1	460.39	505.17	516.99	494.18	6.04	ppb
Rhodium	103-1				104		%
Scandium	45-1				102		%
Selenium	77-1	5.16	5.94	6.51	5.87	11.57	ppb
Selenium	78-1	-7.05	-9.19	4.22	-4.01		ppb
Selenium	82-1	4.56	5.16	5.02	4.91	6.35	ppb
Silicon	28-1	-12.74	-9.61	-7.78	-10.04		ppb
Silver	109-1	1.00	1.09	1.09	1.06	4.64	ppb
Silver	107-1	1.07	1.07	1.11	1.08	1.91	ppb
Sodium	23-1	490.38	530.81	550.71	523.97	5.87	ppb
Strontium	86-1	1.04	1.05	0.99	1.03	3.22	ppb
Strontium	88-1	0.95	0.98	1.01	0.98	3.22	ppb
Sulfur	34-1	-2048.42	-1405.03	-1071.60	-1508.35		ppb
Terbium	159-1				105		%
Thallium	203-1	1.05	1.07	1.07	1.06	1.21	ppb
Thallium	205-1	1.03	1.04	1.03	1.03	0.71	ppb
Tin	118-1	5.01	5.22	5.24	5.16	2.44	ppb
Titanium	47-1	4.71	5.25	5.11	5.02	5.60	ppb
Uranium	238-1	0.96	0.87	0.95	0.93	5.08	ppb
Vanadium	51-1	4.87	5.10	5.21	5.06	3.40	ppb
Yttrium	89-1				104		%
Zinc	66-1	4.86	4.33	5.15	4.78	8.69	ppb
Zirconium	90-1	1.01	1.01	1.05	1.03	2.49	ppb
Zirconium	91-1	0.93	0.96	1.10	1.00	9.03	ppb

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	PB169290BL	Instrumnet Name :	P7
Client Sample ID :	PB169290BL	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 16:24:29	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	-0.12	0.09	-0.05	-0.03		ppb
Antimony	121-1	0.01	0.02	0.01	0.01	7.27	ppb
Arsenic	75-1	0.28	0.09	0.38	0.25	58.32	ppb
Barium	135-1	0.03	0.02	0.02	0.02	41.00	ppb
Barium	137-1	0.01	-0.02	-0.04	-0.02		ppb
Beryllium	9-1	0.02	-0.01	-0.01	0.00	962.73	ppb
Bismuth	209-1				105		%
Bromine	81-1						cps
Cadmium	106-1	-0.63	-1.85	-2.30	-1.60		ppb
Cadmium	108-1	-0.04	-0.03	0.28	0.07	258.85	ppb
Cadmium	111-1	-0.01	-0.12	-0.15	-0.10		ppb
Calcium	43-1	-9.26	-3.61	-3.61	-5.49		ppb
Calcium	44-1	-30.42	-8.21	-25.25	-21.29		ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	-0.15	0.08	0.01	-0.02		ppb
Cobalt	59-1	0.02	0.00	-0.01	0.00	511.60	ppb
Copper	63-1	0.05	0.08	0.10	0.08	36.05	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				104		%
Indium	115-1				102		%
Iron	56-1	-23.12	26.18	3.07	2.04	1208.07	ppb
Iron	57-1	-13.89	-2.20	-8.96	-8.35		ppb
Iron	54-1	-10.05	28.78	2.79	7.17	275.81	ppb
Krypton	83-1						cps
Lead	206-1	0.03	-0.01	-0.02	0.00	899.79	ppb
Lead	207-1	0.01	0.04	-0.02	0.01	262.25	ppb
Lead	208-1	0.01	0.01	-0.02	0.00	575.13	ppb
Lithium	6-1				99		%
Magnesium	24-1	0.08	0.54	0.32	0.31	73.70	ppb
Manganese	55-1	-0.02	-0.04	-0.05	-0.04		ppb
Molybdenum	94-1	0.03	0.04	0.00	0.02	87.69	ppb
Molybdenum	95-1	0.05	0.04	0.01	0.03	58.19	ppb
Molybdenum	96-1	0.04	0.02	0.04	0.03	31.28	ppb

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	PB169290BL	Instrumnet Name :	P7
Client Sample ID :	PB169290BL	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 16:24:29	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	0.04	0.03	0.02	0.03	30.16	ppb
Molybdenum	98-1	0.04	0.04	0.02	0.03	32.85	ppb
Neodymium	150-1						cps
Nickel	60-1	-0.01	0.02	0.01	0.01	227.88	ppb
Phosphorus	31-1	-130.36	-125.70	-128.40	-128.15		ppb
Potassium	39-1	-28.78	8.28	-10.13	-10.21		ppb
Rhodium	103-1				102		%
Scandium	45-1				100		%
Selenium	77-1	0.87	0.37	1.48	0.91	61.26	ppb
Selenium	78-1	-11.51	11.83	-9.21	-2.96		ppb
Selenium	82-1	-0.14	-1.02	-0.09	-0.42		ppb
Silicon	28-1	-16.69	-6.40	-12.99	-12.03		ppb
Silver	109-1	0.01	0.01	0.01	0.01	23.95	ppb
Silver	107-1	0.01	0.01	0.01	0.01	39.43	ppb
Sodium	23-1	5.34	12.48	8.14	8.65	41.62	ppb
Strontium	86-1	0.11	0.10	-0.01	0.07	101.99	ppb
Strontium	88-1	0.00	0.01	0.01	0.00	79.98	ppb
Sulfur	34-1	-2136.56	-942.08	-1595.74	-1558.12		ppb
Terbium	159-1				102		%
Thallium	203-1	0.03	0.03	0.04	0.04	11.35	ppb
Thallium	205-1	0.04	0.02	0.01	0.02	66.27	ppb
Tin	118-1	0.00	-0.04	-0.07	-0.04		ppb
Titanium	47-1	0.01	-0.03	0.00	-0.01		ppb
Uranium	238-1	0.02	-0.01	-0.01	0.00	21321.56	ppb
Vanadium	51-1	0.01	0.00	-0.01	0.00		ppb
Yttrium	89-1				101		%
Zinc	66-1	-0.25	0.00	0.17	-0.03		ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	118.10	ppb
Zirconium	91-1	0.01	0.01	-0.03	0.00		ppb

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	PB169290BS	Instrumnet Name :	P7
Client Sample ID :	PB169290BS	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 16:27:28	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	9626.84	10159.58	10140.89	9975.77	3.03	ppb
Antimony	121-1	484.07	507.26	514.33	501.88	3.15	ppb
Arsenic	75-1	479.05	489.43	508.42	492.30	3.03	ppb
Barium	135-1	2447.61	2536.21	2581.10	2521.64	2.69	ppb
Barium	137-1	2404.74	2565.17	2626.56	2532.15	4.52	ppb
Beryllium	9-1	496.57	511.83	514.75	507.72	1.92	ppb
Bismuth	209-1				113		%
Bromine	81-1						cps
Cadmium	106-1	486.59	503.88	515.14	501.87	2.87	ppb
Cadmium	108-1	483.41	510.52	515.90	503.27	3.46	ppb
Cadmium	111-1	479.84	504.13	517.86	500.61	3.85	ppb
Calcium	43-1	49311.74	51049.38	51071.03	50477.39	2.00	ppb
Calcium	44-1	49111.65	49673.51	50756.03	49847.06	1.68	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	489.30	511.57	528.18	509.69	3.83	ppb
Cobalt	59-1	479.01	507.49	510.65	499.05	3.49	ppb
Copper	63-1	4892.66	5113.58	5111.99	5039.41	2.52	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				112		%
Indium	115-1				108		%
Iron	56-1	24534.72	25944.25	26723.81	25734.26	4.31	ppb
Iron	57-1	24713.02	26061.79	26278.56	25684.46	3.30	ppb
Iron	54-1	25598.53	26752.41	27014.82	26455.25	2.85	ppb
Krypton	83-1						cps
Lead	206-1	2386.88	2501.95	2500.56	2463.13	2.68	ppb
Lead	207-1	2411.16	2527.73	2542.79	2493.89	2.89	ppb
Lead	208-1	2400.65	2507.01	2527.45	2478.37	2.75	ppb
Lithium	6-1				107		%
Magnesium	24-1	47408.88	50001.99	50649.17	49353.35	3.47	ppb
Manganese	55-1	4878.91	5040.34	5236.47	5051.91	3.54	ppb
Molybdenum	94-1	4837.18	4905.71	5027.76	4923.55	1.96	ppb
Molybdenum	95-1	4867.38	4942.74	5145.62	4985.25	2.89	ppb
Molybdenum	96-1	4763.46	4873.88	5103.75	4913.70	3.53	ppb

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	PB169290BS	Instrumnet Name :	P7
Client Sample ID :	PB169290BS	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 16:27:28	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	4706.22	4879.82	5066.44	4884.16	3.69	ppb
Molybdenum	98-1	4815.16	4879.10	5082.57	4925.61	2.84	ppb
Neodymium	150-1						cps
Nickel	60-1	469.77	485.57	496.86	484.07	2.81	ppb
Phosphorus	31-1	9602.75	10032.87	10174.18	9936.60	3.00	ppb
Potassium	39-1	24603.16	25498.28	25792.56	25298.00	2.45	ppb
Rhodium	103-1				106		%
Scandium	45-1				106		%
Selenium	77-1	482.73	480.05	518.85	493.87	4.39	ppb
Selenium	78-1	466.30	466.18	504.37	478.95	4.60	ppb
Selenium	82-1	486.01	494.91	508.87	496.60	2.32	ppb
Silicon	28-1	460.66	496.41	505.55	487.54	4.87	ppb
Silver	109-1	468.88	511.33	515.94	498.72	5.20	ppb
Silver	107-1	485.03	519.32	529.45	511.27	4.55	ppb
Sodium	23-1	47724.73	50241.39	50907.59	49624.57	3.38	ppb
Strontium	86-1	479.02	489.21	506.46	491.56	2.82	ppb
Strontium	88-1	476.85	491.30	504.64	490.93	2.83	ppb
Sulfur	34-1	8623.10	9111.70	9092.74	8942.51	3.10	ppb
Terbium	159-1				110		%
Thallium	203-1	454.66	473.91	479.81	469.46	2.80	ppb
Thallium	205-1	484.84	501.33	517.56	501.24	3.26	ppb
Tin	118-1	467.64	517.16	519.17	501.32	5.82	ppb
Titanium	47-1	4848.30	5035.18	5147.62	5010.37	3.02	ppb
Uranium	238-1	472.34	505.66	501.45	493.15	3.68	ppb
Vanadium	51-1	480.86	504.44	509.43	498.24	3.06	ppb
Yttrium	89-1				109		%
Zinc	66-1	4975.86	5161.08	5223.14	5120.03	2.51	ppb
Zirconium	90-1	475.24	490.93	509.35	491.84	3.47	ppb
Zirconium	91-1	470.49	479.39	499.76	483.21	3.11	ppb

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	Q2552-04	Instrumnet Name :	P7
Client Sample ID :	WS0725-PT-TM-WS	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 16:41:59	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	553.31	584.00	591.23	576.18	3.49	ppb
Antimony	121-1	17.95	18.68	19.05	18.56	3.01	ppb
Arsenic	75-1	25.39	26.14	26.59	26.04	2.33	ppb
Barium	135-1	637.99	652.34	667.70	652.68	2.28	ppb
Barium	137-1	646.22	668.09	681.78	665.36	2.70	ppb
Beryllium	9-1	9.58	9.76	9.96	9.77	1.96	ppb
Bismuth	209-1				108		%
Bromine	81-1						cps
Cadmium	106-1	14.49	14.04	16.90	15.15	10.16	ppb
Cadmium	108-1	18.23	18.76	18.94	18.64	1.98	ppb
Cadmium	111-1	18.05	18.51	19.19	18.58	3.08	ppb
Calcium	43-1	-1.93	2.00	-8.49	-2.81		ppb
Calcium	44-1	-49.53	-36.80	-32.36	-39.56		ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	23.51	24.88	25.21	24.53	3.68	ppb
Cobalt	59-1	0.04	0.01	0.01	0.02	95.32	ppb
Copper	63-1	934.80	974.68	977.21	962.23	2.47	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				104		%
Indium	115-1				103		%
Iron	56-1	615.01	646.13	670.88	644.00	4.35	ppb
Iron	57-1	618.42	654.55	662.54	645.17	3.64	ppb
Iron	54-1	650.36	690.36	701.67	680.80	3.96	ppb
Krypton	83-1						cps
Lead	206-1	47.07	49.19	49.32	48.52	2.60	ppb
Lead	207-1	44.96	47.02	46.58	46.19	2.35	ppb
Lead	208-1	45.88	47.93	47.90	47.24	2.49	ppb
Lithium	6-1				100		%
Magnesium	24-1	0.61	0.50	0.63	0.58	12.29	ppb
Manganese	55-1	96.16	100.06	101.47	99.23	2.77	ppb
Molybdenum	94-1	74.88	77.13	77.55	76.52	1.87	ppb
Molybdenum	95-1	89.57	91.74	93.40	91.57	2.10	ppb
Molybdenum	96-1	87.80	90.51	90.91	89.74	1.88	ppb

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	Q2552-04	Instrumnet Name :	P7
Client Sample ID :	WS0725-PT-TM-WS	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 16:41:59	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	89.47	92.10	92.68	91.42	1.87	ppb
Molybdenum	98-1	90.78	92.81	94.14	92.58	1.83	ppb
Neodymium	150-1						cps
Nickel	60-1	457.79	480.83	483.62	474.08	2.99	ppb
Phosphorus	31-1	-129.05	-128.57	-126.85	-128.15		ppb
Potassium	39-1	-26.98	-15.13	-10.67	-17.59		ppb
Rhodium	103-1				103		%
Scandium	45-1				101		%
Selenium	77-1	79.88	82.02	82.57	81.49	1.74	ppb
Selenium	78-1	74.42	77.65	83.01	78.36	5.53	ppb
Selenium	82-1	79.94	81.50	79.25	80.23	1.44	ppb
Silicon	28-1	29.91	35.33	39.43	34.89	13.69	ppb
Silver	109-1	81.10	83.98	85.83	83.64	2.85	ppb
Silver	107-1	80.93	83.66	86.40	83.66	3.27	ppb
Sodium	23-1	31.27	34.56	35.97	33.93	7.10	ppb
Strontium	86-1	0.04	0.01	0.06	0.04	69.13	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	17.42	ppb
Sulfur	34-1	-2676.76	-2300.05	-2152.78	-2376.53		ppb
Terbium	159-1				105		%
Thallium	203-1	8.18	8.44	8.32	8.32	1.58	ppb
Thallium	205-1	7.92	8.20	8.34	8.15	2.63	ppb
Tin	118-1	-0.01	-0.05	-0.05	-0.04		ppb
Titanium	47-1	0.16	0.20	0.16	0.17	12.73	ppb
Uranium	238-1	0.02	-0.01	0.00	0.00	535.64	ppb
Vanadium	51-1	323.32	332.56	341.30	332.40	2.71	ppb
Yttrium	89-1				102		%
Zinc	66-1	913.69	956.00	961.31	943.67	2.77	ppb
Zirconium	90-1	0.19	0.19	0.21	0.19	6.08	ppb
Zirconium	91-1	0.19	0.16	0.21	0.18	14.39	ppb

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 16:49:37	DataFile Name :	028CRI.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	45405.24	47069.48	46589.89	46354.87	1.85	ppb
Antimony	121-1	488.04	520.54	513.35	507.31	3.36	ppb
Arsenic	75-1	477.72	486.27	492.28	485.42	1.51	ppb
Barium	135-1	2463.08	2578.18	2592.93	2544.73	2.79	ppb
Barium	137-1	2472.28	2610.61	2608.38	2563.76	3.09	ppb
Beryllium	9-1	532.60	547.99	549.56	543.38	1.72	ppb
Bismuth	209-1				113		%
Bromine	81-1						cps
Cadmium	106-1	485.06	494.91	507.15	495.71	2.23	ppb
Cadmium	108-1	479.91	496.47	503.30	493.23	2.44	ppb
Cadmium	111-1	482.06	497.40	495.82	491.76	1.72	ppb
Calcium	43-1	242839.07	251600.88	243875.77	246105.24	1.95	ppb
Calcium	44-1	244561.07	247629.81	248548.60	246913.16	0.85	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	521.45	522.01	524.48	522.64	0.31	ppb
Cobalt	59-1	489.70	521.16	509.55	506.80	3.14	ppb
Copper	63-1	4860.28	5004.89	4952.58	4939.25	1.48	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				114		%
Indium	115-1				108		%
Iron	56-1	118029.72	121874.01	120869.95	120257.89	1.66	ppb
Iron	57-1	118709.69	120964.50	121374.30	120349.50	1.19	ppb
Iron	54-1	118373.01	124367.26	121642.60	121460.96	2.47	ppb
Krypton	83-1						cps
Lead	206-1	2454.61	2616.27	2578.67	2549.85	3.32	ppb
Lead	207-1	2459.59	2587.28	2612.41	2553.09	3.21	ppb
Lead	208-1	2457.13	2549.97	2609.44	2538.85	3.02	ppb
Lithium	6-1				106		%
Magnesium	24-1	235793.61	244302.92	238431.23	239509.26	1.82	ppb
Manganese	55-1	5051.40	5200.47	5087.20	5113.02	1.52	ppb
Molybdenum	94-1	4938.07	5088.67	5098.71	5041.82	1.78	ppb
Molybdenum	95-1	4938.32	5069.12	5094.08	5033.84	1.66	ppb
Molybdenum	96-1	4975.06	4993.54	5136.51	5035.04	1.75	ppb

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 16:49:37	DataFile Name :	028CRI.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	4921.50	4970.60	5146.58	5012.89	2.36	ppb
Molybdenum	98-1	5018.34	5051.14	5140.80	5070.09	1.25	ppb
Neodymium	150-1						cps
Nickel	60-1	472.78	483.13	478.79	478.23	1.09	ppb
Phosphorus	31-1	10050.85	10358.08	10305.41	10238.11	1.60	ppb
Potassium	39-1	122517.60	123984.77	120721.67	122408.01	1.34	ppb
Rhodium	103-1				107		%
Scandium	45-1				108		%
Selenium	77-1	465.64	475.94	485.66	475.75	2.10	ppb
Selenium	78-1	447.25	444.61	462.05	451.31	2.08	ppb
Selenium	82-1	469.47	476.91	488.56	478.31	2.01	ppb
Silicon	28-1	627.31	638.76	650.72	638.93	1.83	ppb
Silver	109-1	490.73	506.48	503.41	500.21	1.67	ppb
Silver	107-1	483.06	502.00	510.27	498.44	2.80	ppb
Sodium	23-1	240017.92	245912.11	246938.80	244289.61	1.53	ppb
Strontium	86-1	490.89	500.96	507.85	499.90	1.71	ppb
Strontium	88-1	499.48	499.37	514.28	504.38	1.70	ppb
Sulfur	34-1	9141.16	9137.61	8803.78	9027.51	2.15	ppb
Terbium	159-1				113		%
Thallium	203-1	471.27	485.13	486.92	481.11	1.78	ppb
Thallium	205-1	508.00	519.19	520.12	515.77	1.31	ppb
Tin	118-1	492.30	511.63	521.67	508.53	2.94	ppb
Titanium	47-1	5116.45	5271.82	5275.30	5221.19	1.74	ppb
Uranium	238-1	511.42	519.68	539.92	523.67	2.80	ppb
Vanadium	51-1	517.59	527.29	523.79	522.89	0.94	ppb
Yttrium	89-1				112		%
Zinc	66-1	4801.75	4977.76	4970.13	4916.55	2.02	ppb
Zirconium	90-1	504.14	510.51	505.58	506.74	0.66	ppb
Zirconium	91-1	485.82	485.52	496.00	489.11	1.22	ppb

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 17:03:30	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.01	-0.22	-0.05	-0.09		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	16.80	ppb
Arsenic	75-1	0.16	0.01	0.13	0.10	75.63	ppb
Barium	135-1	0.03	-0.03	-0.05	-0.02		ppb
Barium	137-1	0.02	-0.04	-0.01	-0.01		ppb
Beryllium	9-1	0.03	0.00	-0.01	0.00	646.75	ppb
Bismuth	209-1				108		%
Bromine	81-1						cps
Cadmium	106-1	-2.68	-1.73	-2.26	-2.22		ppb
Cadmium	108-1	0.14	0.13	-0.13	0.05	338.26	ppb
Cadmium	111-1	-0.17	-0.13	-0.15	-0.15		ppb
Calcium	43-1	-6.21	-2.34	-7.64	-5.40		ppb
Calcium	44-1	-55.17	-50.47	-44.63	-50.09		ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	-0.02	-0.07	-0.10	-0.06		ppb
Cobalt	59-1	0.04	0.00	-0.01	0.01	227.65	ppb
Copper	63-1	0.02	-0.03	0.01	0.00	5829.41	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				105		%
Indium	115-1				105		%
Iron	56-1	-8.24	0.09	-4.51	-4.22		ppb
Iron	57-1	-11.57	-10.77	-6.46	-9.60		ppb
Iron	54-1	-4.63	-3.89	-0.73	-3.08		ppb
Krypton	83-1						cps
Lead	206-1	0.02	-0.04	-0.01	-0.01		ppb
Lead	207-1	-0.01	0.01	-0.02	-0.01		ppb
Lead	208-1	0.03	0.00	0.00	0.01	169.60	ppb
Lithium	6-1				101		%
Magnesium	24-1	0.19	0.26	0.27	0.24	18.94	ppb
Manganese	55-1	-0.02	-0.05	-0.06	-0.04		ppb
Molybdenum	94-1	-0.02	0.04	0.00	0.01	352.02	ppb
Molybdenum	95-1	0.03	-0.02	-0.01	0.00	964.16	ppb
Molybdenum	96-1	0.01	0.00	0.01	0.01	101.12	ppb

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 17:03:30	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	0.06	0.00	-0.02	0.01	303.62	ppb
Molybdenum	98-1	0.01	0.00	0.01	0.01	87.69	ppb
Neodymium	150-1						cps
Nickel	60-1	-0.01	-0.02	-0.05	-0.03		ppb
Phosphorus	31-1	-127.90	-127.70	-127.02	-127.54		ppb
Potassium	39-1	-28.27	-23.26	-18.70	-23.41		ppb
Rhodium	103-1				104		%
Scandium	45-1				103		%
Selenium	77-1	-0.13	-0.19	-0.03	-0.12		ppb
Selenium	78-1	-14.66	-12.76	-11.80	-13.07		ppb
Selenium	82-1	-0.15	-1.10	-0.85	-0.70		ppb
Silicon	28-1	-14.06	-12.49	-11.79	-12.78		ppb
Silver	109-1	0.01	0.01	0.01	0.01	7.82	ppb
Silver	107-1	0.00	0.00	0.00	0.00	140.80	ppb
Sodium	23-1	3.64	4.53	4.88	4.35	14.65	ppb
Strontium	86-1	-0.01	0.04	0.02	0.02	128.58	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1497.31	-1286.11	-1147.88	-1310.43		ppb
Terbium	159-1				106		%
Thallium	203-1	0.04	0.02	0.03	0.03	27.76	ppb
Thallium	205-1	0.03	0.01	0.01	0.02	68.49	ppb
Tin	118-1	-0.03	-0.09	0.06	-0.02		ppb
Titanium	47-1	0.01	0.03	0.03	0.02	50.42	ppb
Uranium	238-1	0.02	-0.01	-0.01	0.00	493.89	ppb
Vanadium	51-1	0.00	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				105		%
Zinc	66-1	-0.10	-0.15	-0.11	-0.12		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	4724.64	ppb
Zirconium	91-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 13:22:18	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	49624	48369	47256	48416	2.45	cps
Antimony	121-1	53	63	60	59	8.65	cps
Arsenic	75-1	-1178	-895	-1400	-1157	-21.86	cps
Barium	135-1	120	97	67	94	28.31	cps
Barium	137-1	223	140	160	174	24.94	cps
Beryllium	9-1	19	10	10	13	40.66	cps
Bismuth	209-1	2755863	2804227	2702896	2754328	1.84	cps
Bromine	81-1	7409	7689	7355	7484	2.39	cps
Cadmium	106-1	1897	1973	2037	1969	3.56	cps
Cadmium	108-1	17	20	10	16	32.73	cps
Cadmium	111-1	1353	1381	1425	1386	2.64	cps
Calcium	43-1	667	673	600	647	6.27	cps
Calcium	44-1	75808	75205	76766	75927	1.04	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	21469	21813	21249	21510	1.32	cps
Cobalt	59-1	543	260	290	364	42.71	cps
Copper	63-1	3107	2937	2994	3013	2.87	cps
Dysprosium	156-1	17	7	10	11	45.82	cps
Erbium	164-1	30	37	33	33	10.01	cps
Gadolinium	160-1	57	37	50	48	21.31	cps
Holmium	165-1	4730045	4698705	4566732	4665161	1.86	cps
Indium	115-1	4694478	4592175	4498515	4595056	2.13	cps
Iron	56-1	5118596	5048643	5069528	5078922	0.71	cps
Iron	57-1	29619	29826	29616	29687	0.41	cps
Iron	54-1	184813	182367	183754	183645	0.67	cps
Krypton	83-1	530	577	517	541	5.82	cps
Lead	206-1	547	400	490	479	15.44	cps
Lead	207-1	390	333	357	360	7.91	cps
Lead	208-1	1880	1613	1677	1723	8.08	cps
Lithium	6-1	360112	350731	352049	354297	1.43	cps
Magnesium	24-1	17400	17103	17283	17262	0.87	cps
Manganese	55-1	11274	10424	10347	10682	4.82	cps
Molybdenum	94-1	290	213	240	248	15.71	cps
Molybdenum	95-1	263	220	233	239	9.29	cps
Molybdenum	96-1	307	197	283	262	22.10	cps

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 13:22:18	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	283	243	267	264	7.60	cps
Molybdenum	98-1	397	273	327	332	18.62	cps
Neodymium	150-1	0	10	3	4	114.60	cps
Nickel	60-1	1187	1057	1093	1112	6.03	cps
Phosphorus	31-1	10891	10864	10847	10867	0.20	cps
Potassium	39-1	3246298	3219466	3225972	3230579	0.43	cps
Rhodium	103-1	4853052	4834279	4694568	4793966	1.81	cps
Scandium	45-1	3458277	3377150	3375888	3403772	1.39	cps
Selenium	77-1	137	163	70	123	38.98	cps
Selenium	78-1	61594	60844	60406	60948	0.99	cps
Selenium	82-1	232	115	243	196	36.12	cps
Silicon	28-1	1855014	1871679	1862000	1862898	0.45	cps
Silver	109-1	70	93	97	87	16.77	cps
Silver	107-1	100	103	107	103	3.23	cps
Sodium	23-1	392509	391187	393638	392445	0.31	cps
Strontium	86-1	933	863	780	859	8.94	cps
Strontium	88-1	573	520	613	569	8.23	cps
Sulfur	34-1	238774	239819	241651	240081	0.61	cps
Terbium	159-1	4900328	4867731	4998963	4922340	1.39	cps
Thallium	203-1	157	143	117	139	14.66	cps
Thallium	205-1	413	383	360	386	6.93	cps
Tin	118-1	1407	1283	1240	1310	6.60	cps
Titanium	47-1	100	147	110	119	20.67	cps
Uranium	238-1	207	13	17	79	140.29	cps
Vanadium	51-1	597	357	397	450	28.58	cps
Yttrium	89-1	8795304	8439024	8413299	8549209	2.50	cps
Zinc	66-1	8839	8806	8959	8868	0.91	cps
Zirconium	90-1	310	313	320	314	1.62	cps
Zirconium	91-1	110	60	67	79	34.41	cps

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 13:28:14	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	153149	155365	151784	153433	1.18	cps
Antimony	121-1	7555	7772	7589	7639	1.53	cps
Arsenic	75-1	-123	-147	-177	-149	-18.10	cps
Barium	135-1	8653	8212	8726	8530	3.26	cps
Barium	137-1	14494	14758	15192	14814	2.38	cps
Beryllium	9-1	550	638	581	590	7.53	cps
Bismuth	209-1	2776883	2717194	2768034	2754037	1.17	cps
Bromine	81-1	7579	7619	7435	7544	1.28	cps
Cadmium	106-1	2127	2020	2014	2054	3.10	cps
Cadmium	108-1	73	77	93	81	13.21	cps
Cadmium	111-1	2341	2280	2254	2292	1.94	cps
Calcium	43-1	6875	7048	7145	7023	1.95	cps
Calcium	44-1	179344	181201	179775	180107	0.54	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	37871	38429	37634	37978	1.08	cps
Cobalt	59-1	9923	10420	9993	10112	2.66	cps
Copper	63-1	13119	13630	13279	13343	1.96	cps
Dysprosium	156-1	3	3	3	3	0.00	cps
Erbium	164-1	40	27	37	34	20.14	cps
Gadolinium	160-1	43	37	20	33	36.05	cps
Holmium	165-1	4662886	4555085	4577865	4598612	1.24	cps
Indium	115-1	4592709	4419304	4577128	4529714	2.12	cps
Iron	56-1	5576117	5497438	5491167	5521574	0.86	cps
Iron	57-1	40665	41113	40501	40760	0.78	cps
Iron	54-1	207837	209924	208504	208755	0.51	cps
Krypton	83-1	517	547	497	520	4.84	cps
Lead	206-1	2450	2297	2457	2401	3.77	cps
Lead	207-1	1933	1850	2180	1988	8.63	cps
Lead	208-1	9365	8938	9411	9238	2.82	cps
Lithium	6-1	357287	354947	355588	355941	0.34	cps
Magnesium	24-1	2108873	2193836	2126220	2142976	2.09	cps
Manganese	55-1	22043	21813	21168	21675	2.09	cps
Molybdenum	94-1	9196	9180	8849	9075	2.16	cps
Molybdenum	95-1	10894	10707	10904	10835	1.02	cps
Molybdenum	96-1	11862	12285	11925	12024	1.90	cps

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 13:28:14	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	6852	6682	6535	6689	2.37	cps
Molybdenum	98-1	16893	17007	17180	17027	0.85	cps
Neodymium	150-1	7	10	3	7	50.03	cps
Nickel	60-1	3074	2990	2990	3018	1.59	cps
Phosphorus	31-1	70519	72853	71265	71546	1.67	cps
Potassium	39-1	6560757	6543332	6640902	6581663	0.79	cps
Rhodium	103-1	4752572	4696761	4758450	4735928	0.72	cps
Scandium	45-1	3406187	3270545	3372960	3349897	2.11	cps
Selenium	77-1	360	423	400	394	8.12	cps
Selenium	78-1	62039	62796	61728	62188	0.88	cps
Selenium	82-1	572	598	622	597	4.16	cps
Silicon	28-1	1854948	1862094	1871933	1862991	0.46	cps
Silver	109-1	5091	5384	5198	5224	2.84	cps
Silver	107-1	5428	5845	5394	5556	4.52	cps
Sodium	23-1	3190058	3247494	3275748	3237766	1.35	cps
Strontium	86-1	2200	2080	2334	2205	5.75	cps
Strontium	88-1	11905	12465	12435	12269	2.57	cps
Sulfur	34-1	242247	242139	242175	242187	0.02	cps
Terbium	159-1	4842983	4809747	4806950	4819893	0.42	cps
Thallium	203-1	2820	3044	2997	2954	3.99	cps
Thallium	205-1	6785	6912	6992	6896	1.51	cps
Tin	118-1	16680	16102	16800	16527	2.26	cps
Titanium	47-1	3260	3554	3460	3425	4.38	cps
Uranium	238-1	8196	8133	7739	8022	3.09	cps
Vanadium	51-1	46244	46819	46702	46589	0.65	cps
Yttrium	89-1	8635773	8461781	8428297	8508617	1.31	cps
Zinc	66-1	15725	16025	15365	15705	2.11	cps
Zirconium	90-1	7629	7862	7892	7794	1.85	cps
Zirconium	91-1	1613	1750	1873	1746	7.45	cps

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 13:31:10	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	5252463	5408852	5380363	5347226	1.56	cps
Antimony	121-1	181680	185734	184794	184069	1.15	cps
Arsenic	75-1	52162	52539	53064	52588	0.86	cps
Barium	135-1	206335	210203	207842	208127	0.94	cps
Barium	137-1	354871	361375	361870	359372	1.09	cps
Beryllium	9-1	27111	27456	27976	27514	1.58	cps
Bismuth	209-1	2753303	2752782	2788558	2764881	0.74	cps
Bromine	81-1	7289	6978	7345	7204	2.74	cps
Cadmium	106-1	7008	6852	7002	6954	1.27	cps
Cadmium	108-1	3547	3414	3907	3623	7.05	cps
Cadmium	111-1	51249	51657	52229	51712	0.95	cps
Calcium	43-1	66877	65668	66338	66295	0.91	cps
Calcium	44-1	1117035	1138824	1139525	1131794	1.13	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	419321	423106	430940	424456	1.40	cps
Cobalt	59-1	461833	468773	468102	466236	0.82	cps
Copper	63-1	2829170	2853197	2823873	2835413	0.55	cps
Dysprosium	156-1	10	10	20	13	43.30	cps
Erbium	164-1	37	33	67	46	40.30	cps
Gadolinium	160-1	20	40	60	40	50.00	cps
Holmium	165-1	4636617	4648837	4609186	4631546	0.44	cps
Indium	115-1	4533424	4442140	4460846	4478803	1.08	cps
Iron	56-1	27556884	28263736	28516610	28112410	1.77	cps
Iron	57-1	571497	588235	582617	580783	1.47	cps
Iron	54-1	1554378	1595876	1636460	1595571	2.57	cps
Krypton	83-1	563	523	593	560	6.27	cps
Lead	206-1	544383	557427	550729	550846	1.18	cps
Lead	207-1	463217	470493	466889	466866	0.78	cps
Lead	208-1	2139770	2181868	2175089	2165576	1.04	cps
Lithium	6-1	362953	360188	356760	359967	0.86	cps
Magnesium	24-1	20843286	21461819	21301044	21202050	1.51	cps
Manganese	55-1	5856806	6020568	6057264	5978213	1.79	cps
Molybdenum	94-1	717531	726331	728549	724137	0.80	cps
Molybdenum	95-1	1036397	1058399	1052723	1049173	1.09	cps
Molybdenum	96-1	1120266	1139802	1128383	1129484	0.87	cps

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 13:31:10	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	636125	651450	648691	645422	1.27	cps
Molybdenum	98-1	1643525	1682590	1679994	1668703	1.31	cps
Neodymium	150-1	13	10	23	16	44.60	cps
Nickel	60-1	102277	105556	104019	103950	1.58	cps
Phosphorus	31-1	252317	253684	255810	253937	0.69	cps
Potassium	39-1	19918562	20224161	20290606	20144443	0.98	cps
Rhodium	103-1	4683778	4721184	4683638	4696200	0.46	cps
Scandium	45-1	3400721	3363654	3330903	3365093	1.04	cps
Selenium	77-1	3200	3010	3204	3138	3.53	cps
Selenium	78-1	70296	70905	71525	70909	0.87	cps
Selenium	82-1	4042	4027	4044	4038	0.24	cps
Silicon	28-1	2471486	2474459	2473859	2473268	0.06	cps
Silver	109-1	239323	245690	244783	243265	1.42	cps
Silver	107-1	254340	256178	259430	256649	1.00	cps
Sodium	23-1	27971900	28988685	28978040	28646208	2.04	cps
Strontium	86-1	68302	70150	70277	69576	1.59	cps
Strontium	88-1	590235	596090	597747	594691	0.66	cps
Sulfur	34-1	255045	253668	254428	254380	0.27	cps
Terbium	159-1	4873627	4831791	4833725	4846381	0.49	cps
Thallium	203-1	131765	134363	134559	133562	1.17	cps
Thallium	205-1	313547	318250	319757	317184	1.02	cps
Tin	118-1	148285	155049	151547	151627	2.23	cps
Titanium	47-1	309372	318891	314798	314353	1.52	cps
Uranium	238-1	382841	391627	388242	387570	1.14	cps
Vanadium	51-1	447434	457300	457415	454050	1.26	cps
Yttrium	89-1	8561452	8386271	8499879	8482534	1.05	cps
Zinc	66-1	695127	706275	708418	703273	1.01	cps
Zirconium	90-1	351226	359662	362997	357961	1.69	cps
Zirconium	91-1	78637	80041	80949	79876	1.46	cps

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 13:34:10	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	13403611	13541821	13525561	13490331	0.56	cps
Antimony	121-1	460228	470634	466423	465762	1.12	cps
Arsenic	75-1	131769	136126	136363	134752	1.92	cps
Barium	135-1	516324	528838	523574	522912	1.20	cps
Barium	137-1	905516	914473	905411	908467	0.57	cps
Beryllium	9-1	67331	69961	69144	68812	1.96	cps
Bismuth	209-1	2824813	2838008	2777216	2813345	1.14	cps
Bromine	81-1	7402	7492	7625	7506	1.50	cps
Cadmium	106-1	14317	14627	15285	14743	3.35	cps
Cadmium	108-1	9190	9086	9403	9226	1.75	cps
Cadmium	111-1	127521	128875	129123	128506	0.67	cps
Calcium	43-1	161988	167446	163977	164470	1.68	cps
Calcium	44-1	2614082	2677704	2637261	2643016	1.22	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	1022707	1052005	1029019	1034577	1.49	cps
Cobalt	59-1	1138205	1179909	1160767	1159627	1.80	cps
Copper	63-1	6981779	7117007	7152988	7083925	1.27	cps
Dysprosium	156-1	30	20	10	20	50.00	cps
Erbium	164-1	50	47	47	48	4.02	cps
Gadolinium	160-1	30	47	37	38	22.21	cps
Holmium	165-1	4677927	4721123	4632042	4677031	0.95	cps
Indium	115-1	4704806	4641890	4420752	4589149	3.25	cps
Iron	56-1	61965982	63891956	62533724	62797221	1.58	cps
Iron	57-1	1378709	1443037	1398660	1406802	2.34	cps
Iron	54-1	3593463	3721571	3611642	3642225	1.90	cps
Krypton	83-1	603	560	587	583	3.75	cps
Lead	206-1	1367933	1410427	1385953	1388104	1.54	cps
Lead	207-1	1167262	1207257	1188648	1187722	1.69	cps
Lead	208-1	5594964	5754168	5585958	5645030	1.68	cps
Lithium	6-1	369712	363205	361974	364964	1.14	cps
Magnesium	24-1	53191669	54433196	52983639	53536168	1.46	cps
Manganese	55-1	14712869	15531231	15034110	15092737	2.73	cps
Molybdenum	94-1	1789253	1861158	1805349	1818587	2.08	cps
Molybdenum	95-1	2689861	2743588	2665194	2699548	1.48	cps
Molybdenum	96-1	2816775	2949548	2935385	2900569	2.51	cps

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 13:34:10	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	1631110	1643552	1625151	1633271	0.57	cps
Molybdenum	98-1	4153595	4252035	4242848	4216159	1.29	cps
Neodymium	150-1	43	23	33	33	30.00	cps
Nickel	60-1	257254	265188	260337	260926	1.53	cps
Phosphorus	31-1	613411	630271	621755	621812	1.36	cps
Potassium	39-1	45373889	46599994	45558561	45844148	1.44	cps
Rhodium	103-1	4835156	4748361	4647583	4743700	1.98	cps
Scandium	45-1	3442091	3370801	3315993	3376295	1.87	cps
Selenium	77-1	7976	7932	7982	7963	0.34	cps
Selenium	78-1	85126	85264	84848	85079	0.25	cps
Selenium	82-1	9758	10094	9949	9934	1.70	cps
Silicon	28-1	3355238	3390927	3367877	3371347	0.54	cps
Silver	109-1	603265	623116	614071	613484	1.62	cps
Silver	107-1	637862	658361	650998	649073	1.60	cps
Sodium	23-1	70803809	72223334	71778376	71601839	1.01	cps
Strontium	86-1	171868	175455	173683	173669	1.03	cps
Strontium	88-1	1503975	1549230	1531865	1528357	1.49	cps
Sulfur	34-1	274000	277229	272862	274697	0.82	cps
Terbium	159-1	4966085	4872462	4800622	4879723	1.70	cps
Thallium	203-1	338966	342029	337532	339509	0.68	cps
Thallium	205-1	793236	807560	806508	802435	0.99	cps
Tin	118-1	375723	381838	377484	378348	0.83	cps
Titanium	47-1	777707	801862	786345	788638	1.55	cps
Uranium	238-1	974095	1008001	988441	990179	1.72	cps
Vanadium	51-1	1115120	1156618	1133685	1135141	1.83	cps
Yttrium	89-1	8753440	8497678	8740268	8663796	1.66	cps
Zinc	66-1	1752287	1813565	1763745	1776532	1.83	cps
Zirconium	90-1	893040	914109	912611	906587	1.30	cps
Zirconium	91-1	199959	204459	201715	202044	1.12	cps

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 13:37:08	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	27028244	27964888	27882459	27625197	1.88	cps
Antimony	121-1	919163	940778	944917	934952	1.48	cps
Arsenic	75-1	263779	271916	268935	268210	1.53	cps
Barium	135-1	1032279	1076623	1058297	1055733	2.11	cps
Barium	137-1	1814297	1931736	1894357	1880130	3.19	cps
Beryllium	9-1	135568	142875	140472	139638	2.67	cps
Bismuth	209-1	2850245	2881005	2800109	2843786	1.44	cps
Bromine	81-1	7005	7125	7485	7205	3.47	cps
Cadmium	106-1	27152	26932	27770	27285	1.59	cps
Cadmium	108-1	18141	18485	18852	18493	1.92	cps
Cadmium	111-1	249286	255546	255592	253475	1.43	cps
Calcium	43-1	320645	332336	330717	327899	1.93	cps
Calcium	44-1	5105497	5348330	5332188	5262005	2.58	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	2050352	2126669	2108566	2095196	1.90	cps
Cobalt	59-1	2311903	2349489	2386005	2349132	1.58	cps
Copper	63-1	13646930	14366366	14476748	14163348	3.18	cps
Dysprosium	156-1	13	37	30	27	45.08	cps
Erbium	164-1	20	67	80	56	56.71	cps
Gadolinium	160-1	67	50	77	64	20.91	cps
Holmium	165-1	4813312	4782106	4785766	4793728	0.36	cps
Indium	115-1	4607477	4546910	4501115	4551834	1.17	cps
Iron	56-1	118540235	123669491	119705575	120638434	2.23	cps
Iron	57-1	2703752	2808529	2793763	2768681	2.05	cps
Iron	54-1	6940749	7149319	7058923	7049664	1.48	cps
Krypton	83-1	477	527	573	526	9.20	cps
Lead	206-1	2940794	3022325	2991660	2984926	1.38	cps
Lead	207-1	2475961	2707620	2593193	2592258	4.47	cps
Lead	208-1	11555865	12240733	11764697	11853765	2.96	cps
Lithium	6-1	372596	378141	371037	373925	1.00	cps
Magnesium	24-1	107305688	111044075	109580908	109310224	1.72	cps
Manganese	55-1	29446495	30128210	29954466	29843057	1.19	cps
Molybdenum	94-1	3518981	3770599	3686939	3658840	3.50	cps
Molybdenum	95-1	5242391	5387229	5439923	5356514	1.91	cps
Molybdenum	96-1	5712476	5775990	5853963	5780810	1.23	cps

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 13:37:08	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	3275047	3323135	3302439	3300207	0.73	cps
Molybdenum	98-1	8216836	8420683	8604514	8414011	2.30	cps
Neodymium	150-1	47	17	50	38	48.59	cps
Nickel	60-1	504766	519531	521391	515229	1.77	cps
Phosphorus	31-1	1228321	1252584	1264114	1248340	1.46	cps
Potassium	39-1	87561972	89025492	88045165	88210876	0.85	cps
Rhodium	103-1	4817155	4730623	4735518	4761099	1.02	cps
Scandium	45-1	3364817	3403020	3369288	3379042	0.62	cps
Selenium	77-1	14554	14928	15044	14842	1.73	cps
Selenium	78-1	108219	107867	108998	108361	0.53	cps
Selenium	82-1	19217	19722	19773	19570	1.57	cps
Silicon	28-1	4846049	4976182	4985301	4935844	1.58	cps
Silver	109-1	1200879	1228963	1235361	1221734	1.50	cps
Silver	107-1	1266534	1295989	1304600	1289041	1.55	cps
Sodium	23-1	140329048	149463651	146570348	145454349	3.21	cps
Strontium	86-1	337420	345103	346766	343096	1.45	cps
Strontium	88-1	2985497	3056556	3118254	3053436	2.18	cps
Sulfur	34-1	310092	314642	311594	312109	0.74	cps
Terbium	159-1	5081188	5088698	4988974	5052953	1.10	cps
Thallium	203-1	679709	706419	689850	691993	1.95	cps
Thallium	205-1	1612365	1662302	1639220	1637963	1.53	cps
Tin	118-1	745921	759118	769686	758242	1.57	cps
Titanium	47-1	1568512	1624038	1641635	1611395	2.37	cps
Uranium	238-1	2142830	2273305	2164759	2193631	3.18	cps
Vanadium	51-1	2272034	2324994	2379529	2325519	2.31	cps
Yttrium	89-1	8579498	8526663	8531472	8545878	0.34	cps
Zinc	66-1	3439200	3600212	3548755	3529389	2.33	cps
Zirconium	90-1	1798260	1865920	1861348	1841843	2.05	cps
Zirconium	91-1	398166	405342	409676	404395	1.44	cps

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 13:40:07	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	53575296	55953858	55463739	54997631	2.28	cps
Antimony	121-1	1872900	1980983	1983226	1945703	3.24	cps
Arsenic	75-1	532991	562384	547774	547716	2.68	cps
Barium	135-1	2203494	2294749	2308958	2269067	2.52	cps
Barium	137-1	3783961	3966276	3921982	3890740	2.44	cps
Beryllium	9-1	271627	284877	283177	279893	2.58	cps
Bismuth	209-1	2966022	2838590	2935949	2913520	2.29	cps
Bromine	81-1	7008	7669	6955	7211	5.51	cps
Cadmium	106-1	53127	54556	53401	53695	1.41	cps
Cadmium	108-1	36282	37763	36860	36968	2.02	cps
Cadmium	111-1	502331	523557	519289	515059	2.18	cps
Calcium	43-1	646951	667303	658533	657596	1.55	cps
Calcium	44-1	10282208	10793635	10659365	10578403	2.51	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	4033910	4258665	4176764	4156446	2.74	cps
Cobalt	59-1	4702532	4893208	4852397	4816046	2.08	cps
Copper	63-1	27644343	29063440	29118745	28608843	2.92	cps
Dysprosium	156-1	40	37	30	36	14.32	cps
Erbium	164-1	83	103	110	99	14.04	cps
Gadolinium	160-1	80	80	93	84	9.11	cps
Holmium	165-1	4958877	4810605	4941701	4903728	1.65	cps
Indium	115-1	4794036	4582888	4688198	4688374	2.25	cps
Iron	56-1	234083250	243375770	240514916	239324645	1.99	cps
Iron	57-1	5485922	5715166	5593445	5598178	2.05	cps
Iron	54-1	13379453	14420311	14364692	14054819	4.17	cps
Krypton	83-1	553	553	600	569	4.74	cps
Lead	206-1	5965773	6071701	6080036	6039170	1.05	cps
Lead	207-1	5206787	5265658	5353535	5275327	1.40	cps
Lead	208-1	23684799	24220901	24375183	24093628	1.50	cps
Lithium	6-1	383295	375621	382877	380598	1.13	cps
Magnesium	24-1	219069177	224526630	223128403	222241403	1.28	cps
Manganese	55-1	59774512	61609296	61112356	60832055	1.56	cps
Molybdenum	94-1	7185368	7608339	7578090	7457266	3.16	cps
Molybdenum	95-1	10640175	11107323	11011179	10919559	2.26	cps
Molybdenum	96-1	11590138	12015061	11994448	11866549	2.02	cps

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 13:40:07	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	6474928	6950104	6796898	6740644	3.60	cps
Molybdenum	98-1	16853379	17426169	17397196	17225582	1.87	cps
Neodymium	150-1	63	67	77	69	10.08	cps
Nickel	60-1	1018114	1054027	1044678	1038940	1.79	cps
Phosphorus	31-1	2457098	2591934	2531256	2526763	2.67	cps
Potassium	39-1	171479834	179068837	176411131	175653267	2.19	cps
Rhodium	103-1	4898195	4791925	4924794	4871638	1.44	cps
Scandium	45-1	3414259	3395957	3448915	3419710	0.79	cps
Selenium	77-1	29426	31086	30699	30404	2.86	cps
Selenium	78-1	154030	158233	157499	156588	1.43	cps
Selenium	82-1	38533	39884	39695	39371	1.86	cps
Silicon	28-1	7823617	8115228	8154358	8031068	2.25	cps
Silver	109-1	2509299	2567867	2566003	2547723	1.31	cps
Silver	107-1	2574046	2740404	2642219	2652223	3.15	cps
Sodium	23-1	290105996	295868776	294780622	293585131	1.04	cps
Strontium	86-1	680794	711166	706032	699330	2.32	cps
Strontium	88-1	6059398	6241055	6226913	6175789	1.64	cps
Sulfur	34-1	394143	398578	396958	396560	0.57	cps
Terbium	159-1	5177326	5131754	5229545	5179541	0.94	cps
Thallium	203-1	1375546	1422423	1412816	1403595	1.76	cps
Thallium	205-1	3523457	3505897	3476560	3501972	0.68	cps
Tin	118-1	1496401	1560346	1558942	1538563	2.37	cps
Titanium	47-1	3232557	3255792	3294301	3260883	0.96	cps
Uranium	238-1	4387373	4563090	4656100	4535521	3.01	cps
Vanadium	51-1	4504567	4766354	4721314	4664078	3.00	cps
Yttrium	89-1	8825935	8581846	8831087	8746289	1.63	cps
Zinc	66-1	6989314	7256647	7231977	7159313	2.06	cps
Zirconium	90-1	3676852	3842994	3823950	3781265	2.40	cps
Zirconium	91-1	801886	836699	828894	822493	2.22	cps

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 13:43:03	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	110693398	113641615	113640228	112658414	1.51	cps
Antimony	121-1	3957590	4118510	4027758	4034619	2.00	cps
Arsenic	75-1	1081712	1117757	1113525	1104331	1.78	cps
Barium	135-1	4506221	4727100	4643542	4625621	2.41	cps
Barium	137-1	7692935	8058579	7957960	7903158	2.39	cps
Beryllium	9-1	550222	571767	570373	564121	2.14	cps
Bismuth	209-1	3012287	2994764	3040363	3015804	0.76	cps
Bromine	81-1	7102	7235	7045	7127	1.37	cps
Cadmium	106-1	102883	106565	106105	105185	1.91	cps
Cadmium	108-1	73516	75130	75248	74631	1.30	cps
Cadmium	111-1	1012851	1050203	1050751	1037935	2.09	cps
Calcium	43-1	1285769	1322946	1314389	1307701	1.49	cps
Calcium	44-1	21189161	21968046	21637276	21598161	1.81	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	8157275	8535947	8551613	8414945	2.65	cps
Cobalt	59-1	9597847	9766833	9730252	9698311	0.92	cps
Copper	63-1	57468249	58605784	57687112	57920382	1.04	cps
Dysprosium	156-1	70	73	60	68	10.24	cps
Erbium	164-1	107	143	97	116	21.26	cps
Gadolinium	160-1	90	90	107	96	10.07	cps
Holmium	165-1	5089573	5045538	5033394	5056168	0.58	cps
Indium	115-1	4780804	4705171	4660743	4715573	1.29	cps
Iron	56-1	464699953	488560873	490741379	481334068	3.00	cps
Iron	57-1	11001011	11667242	11366113	11344788	2.94	cps
Iron	54-1	27535895	28887235	28540013	28321048	2.48	cps
Krypton	83-1	520	533	637	563	11.34	cps
Lead	206-1	12312457	12581069	12674484	12522670	1.50	cps
Lead	207-1	10685012	11103009	10984867	10924296	1.97	cps
Lead	208-1	48786589	50707383	50544559	50012844	2.13	cps
Lithium	6-1	395098	388784	388095	390659	0.99	cps
Magnesium	24-1	440920340	456877767	452321340	450039816	1.83	cps
Manganese	55-1	121087562	125246231	123276588	123203460	1.69	cps
Molybdenum	94-1	15027303	15406232	15927621	15453718	2.93	cps
Molybdenum	95-1	21902350	22919219	23069121	22630230	2.81	cps
Molybdenum	96-1	23993047	24784647	24746375	24508023	1.82	cps

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 13:43:03	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	13475073	13878069	14195970	13849704	2.61	cps
Molybdenum	98-1	34389704	35918529	35919942	35409391	2.49	cps
Neodymium	150-1	123	113	113	117	4.95	cps
Nickel	60-1	2136103	2186240	2175488	2165944	1.22	cps
Phosphorus	31-1	5019020	5106339	5146036	5090465	1.28	cps
Potassium	39-1	343847155	362173381	351217608	352412715	2.62	cps
Rhodium	103-1	5076330	4986254	4975972	5012852	1.10	cps
Scandium	45-1	3583478	3535228	3499100	3539268	1.20	cps
Selenium	77-1	59503	61551	60621	60558	1.69	cps
Selenium	78-1	248806	255938	252758	252500	1.42	cps
Selenium	82-1	76675	78876	79128	78226	1.73	cps
Silicon	28-1	13880319	14401626	14531080	14271008	2.41	cps
Silver	109-1	5117334	5301099	5198405	5205613	1.77	cps
Silver	107-1	5322319	5467545	5490760	5426875	1.68	cps
Sodium	23-1	576221991	597522898	589972271	587905720	1.84	cps
Strontium	86-1	1385684	1431515	1439467	1418889	2.05	cps
Strontium	88-1	12407578	12854665	12897727	12719990	2.13	cps
Sulfur	34-1	562408	570157	565579	566048	0.69	cps
Terbium	159-1	5328687	5259400	5302700	5296929	0.66	cps
Thallium	203-1	3055442	3121951	3082574	3086656	1.08	cps
Thallium	205-1	7190499	7305646	7390766	7295637	1.38	cps
Tin	118-1	3159692	3309662	3223164	3230839	2.33	cps
Titanium	47-1	6483631	6742664	6608876	6611724	1.96	cps
Uranium	238-1	9072502	9497024	9422848	9330791	2.43	cps
Vanadium	51-1	9398965	9792342	9731463	9640923	2.20	cps
Yttrium	89-1	9038089	8939397	8947027	8974838	0.61	cps
Zinc	66-1	13897425	14374234	14356807	14209489	1.90	cps
Zirconium	90-1	7535692	7856919	7856051	7749554	2.39	cps
Zirconium	91-1	1691848	1709194	1739849	1713630	1.42	cps

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 13:46:01	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	557524672	572489245	574505818	568173245	1.63	cps
Antimony	121-1	3457	3107	3137	3234	6.00	cps
Arsenic	75-1	422	85	183	230	75.54	cps
Barium	135-1	2890	2787	2837	2838	1.82	cps
Barium	137-1	4514	4687	4657	4620	2.01	cps
Beryllium	9-1	114	92	58	88	31.91	cps
Bismuth	209-1	2971433	2879548	2906666	2919216	1.62	cps
Bromine	81-1	7352	7232	7269	7284	0.84	cps
Cadmium	106-1	2327	2274	2244	2281	1.85	cps
Cadmium	108-1	57	77	53	62	20.29	cps
Cadmium	111-1	2222	2081	2086	2130	3.76	cps
Calcium	43-1	6518258	6834399	6634765	6662474	2.40	cps
Calcium	44-1	105422148	108194015	108342895	107319686	1.53	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	57549	58409	57596	57852	0.84	cps
Cobalt	59-1	14737	14827	14811	14792	0.32	cps
Copper	63-1	46332	49057	50465	48618	4.32	cps
Dysprosium	156-1	143	173	203	173	17.31	cps
Erbium	164-1	393	447	467	436	8.70	cps
Gadolinium	160-1	213	203	227	214	5.46	cps
Holmium	165-1	5212415	5131702	5149259	5164459	0.82	cps
Indium	115-1	4759104	4795349	4771814	4775422	0.39	cps
Iron	56-1	2277633086	2347122365	2365950845	2330235432	2.00	cps
Iron	57-1	54383009	56672839	56700704	55918851	2.38	cps
Iron	54-1	133681241	137181711	139237458	136700137	2.06	cps
Krypton	83-1	543	557	570	557	2.40	cps
Lead	206-1	3621	3334	3367	3440	4.56	cps
Lead	207-1	2907	2900	2914	2907	0.23	cps
Lead	208-1	13950	13403	13243	13532	2.74	cps
Lithium	6-1	389931	387513	383075	386840	0.90	cps
Magnesium	24-1	2218793940	2296932552	2289764126	2268496873	1.90	cps
Manganese	55-1	51538	53348	53398	52761	2.01	cps
Molybdenum	94-1	4891	4721	4864	4825	1.90	cps
Molybdenum	95-1	4044	3824	3667	3845	4.92	cps
Molybdenum	96-1	6912	6675	6351	6646	4.23	cps

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 13:46:01	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	2544	2474	2480	2499	1.55	cps
Molybdenum	98-1	6455	5875	5664	5998	6.82	cps
Neodymium	150-1	100	103	107	103	3.23	cps
Nickel	60-1	8676	8796	9156	8876	2.82	cps
Phosphorus	31-1	11925	11828	11528	11760	1.76	cps
Potassium	39-1	1692207761	1780788987	1796909947	1756635565	3.21	cps
Rhodium	103-1	4841648	4864421	4840665	4848912	0.28	cps
Scandium	45-1	3561672	3555912	3551063	3556216	0.15	cps
Selenium	77-1	273	253	210	246	13.19	cps
Selenium	78-1	58732	59502	58615	58950	0.82	cps
Selenium	82-1	323	342	288	318	8.64	cps
Silicon	28-1	1879479	1886025	1915302	1893602	1.01	cps
Silver	109-1	2240	1067	940	1416	50.64	cps
Silver	107-1	2214	1170	913	1432	48.08	cps
Sodium	23-1	2876455957	2962190249	3005084435	2947910214	2.22	cps
Strontium	86-1	18645	18575	19053	18758	1.37	cps
Strontium	88-1	152367	157903	155710	155326	1.79	cps
Sulfur	34-1	217796	219919	219577	219098	0.52	cps
Terbium	159-1	5373545	5462248	5404002	5413265	0.83	cps
Thallium	203-1	4531	4431	4451	4471	1.18	cps
Thallium	205-1	10020	10121	10117	10086	0.56	cps
Tin	118-1	1347	1287	1447	1360	5.94	cps
Titanium	47-1	627	523	517	556	11.10	cps
Uranium	238-1	573	293	267	378	44.97	cps
Vanadium	51-1	4667	4281	4421	4456	4.39	cps
Yttrium	89-1	9148112	9138738	9067205	9118018	0.49	cps
Zinc	66-1	21285	20841	21165	21097	1.09	cps
Zirconium	90-1	7132	6915	6842	6963	2.17	cps
Zirconium	91-1	1553	1690	1480	1575	6.77	cps

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 15:56:42	DataFile Name :	017ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	8485158	9083996	8834528	8801227	3.42	cps
Antimony	121-1	1627288	1647083	1641320	1638564	0.62	cps
Arsenic	75-1	434898	445999	438972	439956	1.28	cps
Barium	135-1	1349075	1396918	1393433	1379808	1.93	cps
Barium	137-1	2476347	2537593	2479747	2497896	1.38	cps
Beryllium	9-1	21020	21891	21870	21594	2.30	cps
Bismuth	209-1	2943837	2970601	2781295	2898577	3.53	cps
Bromine	81-1	7269	7292	7202	7254	0.64	cps
Cadmium	106-1	20715	21192	20872	20926	1.16	cps
Cadmium	108-1	14828	15128	15255	15070	1.46	cps
Cadmium	111-1	205881	211929	209612	209141	1.46	cps
Calcium	43-1	52420	53053	52805	52759	0.60	cps
Calcium	44-1	912572	931810	929836	924739	1.14	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	1377828	1397188	1387563	1387526	0.70	cps
Cobalt	59-1	3881477	3988490	3948551	3939506	1.37	cps
Copper	63-1	1026525	1049994	1043609	1040043	1.17	cps
Dysprosium	156-1	30	10	7	16	81.11	cps
Erbium	164-1	40	30	57	42	31.91	cps
Gadolinium	160-1	37	50	47	44	15.61	cps
Holmium	165-1	4998090	4917930	4653583	4856534	3.71	cps
Indium	115-1	4856600	4739538	4473316	4689818	4.19	cps
Iron	56-1	11978767	12430890	12333918	12247858	1.94	cps
Iron	57-1	201005	207007	204139	204050	1.47	cps
Iron	54-1	655265	663564	668135	662321	0.99	cps
Krypton	83-1	490	453	540	494	8.80	cps
Lead	206-1	911510	931540	926615	923222	1.13	cps
Lead	207-1	767324	790513	785263	781033	1.56	cps
Lead	208-1	3632690	3805011	3726986	3721562	2.32	cps
Lithium	6-1	352140	353177	343500	349605	1.52	cps
Magnesium	24-1	16491739	16609207	16542138	16547695	0.36	cps
Manganese	55-1	4937798	5011607	4903485	4950963	1.12	cps
Molybdenum	94-1	6333353	6322742	6334267	6330121	0.10	cps
Molybdenum	95-1	11307248	11365694	11340782	11337908	0.26	cps
Molybdenum	96-1	11998895	12125973	11893415	12006094	0.97	cps

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 15:56:42	DataFile Name :	017ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	6899556	7034331	6815280	6916389	1.60	cps
Molybdenum	98-1	17915936	18095428	17844481	17951948	0.72	cps
Neodymium	150-1	33	73	33	47	49.49	cps
Nickel	60-1	835364	857384	845366	846038	1.30	cps
Phosphorus	31-1	10834	10490	10851	10725	1.90	cps
Potassium	39-1	30998772	31182093	30586240	30922368	0.99	cps
Rhodium	103-1	5088050	4889002	4678216	4885089	4.20	cps
Scandium	45-1	3471674	3485478	3281812	3412988	3.33	cps
Selenium	77-1	23766	25192	24914	24624	3.07	cps
Selenium	78-1	141026	141311	139760	140699	0.59	cps
Selenium	82-1	31542	32110	32336	31996	1.28	cps
Silicon	28-1	1829510	1806433	1787563	1807835	1.16	cps
Silver	109-1	950352	899693	877180	909075	4.12	cps
Silver	107-1	1001285	951333	1026469	993029	3.85	cps
Sodium	23-1	22811698	23651563	23171638	23211633	1.82	cps
Strontium	86-1	887	927	950	921	3.48	cps
Strontium	88-1	1230	1253	1223	1236	1.28	cps
Sulfur	34-1	202776	197830	194231	198279	2.16	cps
Terbium	159-1	5233563	5215161	4848540	5099088	4.26	cps
Thallium	203-1	1072321	1104378	1101236	1092645	1.62	cps
Thallium	205-1	2686043	2817421	2767275	2756913	2.40	cps
Tin	118-1	1763	1733	2037	1845	9.08	cps
Titanium	47-1	443	520	543	502	10.42	cps
Uranium	238-1	333	3	13	117	160.90	cps
Vanadium	51-1	3787176	3858487	3844875	3830179	0.99	cps
Yttrium	89-1	9005697	8934686	8351889	8764091	4.09	cps
Zinc	66-1	515714	529390	524304	523136	1.32	cps
Zirconium	90-1	380	420	343	381	10.06	cps
Zirconium	91-1	173	207	187	189	8.88	cps

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 16:02:16	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	49152	48206	48446	48601	1.01	cps
Antimony	121-1	193	247	197	212	14.08	cps
Arsenic	75-1	-1082	-1090	-786	-986	-17.56	cps
Barium	135-1	120	127	63	103	33.68	cps
Barium	137-1	200	173	143	172	16.46	cps
Beryllium	9-1	13	5	5	8	60.13	cps
Bismuth	209-1	2894013	2847373	2902587	2881324	1.03	cps
Bromine	81-1	7362	7105	7239	7235	1.78	cps
Cadmium	106-1	1840	1743	1790	1791	2.70	cps
Cadmium	108-1	13	20	10	14	35.26	cps
Cadmium	111-1	1309	1250	1259	1273	2.49	cps
Calcium	43-1	583	503	687	591	15.55	cps
Calcium	44-1	72998	72519	74803	73440	1.64	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	20554	21028	21362	20981	1.93	cps
Cobalt	59-1	597	357	293	416	38.51	cps
Copper	63-1	2947	2980	2934	2954	0.81	cps
Dysprosium	156-1	7	10	7	8	24.71	cps
Erbium	164-1	30	47	47	41	23.41	cps
Gadolinium	160-1	63	43	47	51	20.96	cps
Holmium	165-1	4739500	4758735	4857138	4785124	1.32	cps
Indium	115-1	4605177	4576051	4655229	4612152	0.87	cps
Iron	56-1	4835684	4931154	4901130	4889323	1.00	cps
Iron	57-1	26751	26901	27114	26922	0.68	cps
Iron	54-1	177978	186017	180053	181350	2.30	cps
Krypton	83-1	427	593	517	512	16.29	cps
Lead	206-1	510	430	453	464	8.86	cps
Lead	207-1	420	327	350	366	13.29	cps
Lead	208-1	1957	1643	1667	1756	9.94	cps
Lithium	6-1	351153	346342	349931	349142	0.72	cps
Magnesium	24-1	16776	16816	16095	16562	2.45	cps
Manganese	55-1	10677	10157	9840	10225	4.13	cps
Molybdenum	94-1	350	300	320	323	7.78	cps
Molybdenum	95-1	483	400	400	428	11.25	cps
Molybdenum	96-1	477	383	467	442	11.59	cps

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 16:02:16	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	417	377	347	380	9.24	cps
Molybdenum	98-1	677	603	587	622	7.70	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Nickel	60-1	1120	1153	1087	1120	2.98	cps
Phosphorus	31-1	10027	10490	10854	10457	3.97	cps
Potassium	39-1	3062577	3071863	3056112	3063518	0.26	cps
Rhodium	103-1	4835069	4828016	4886177	4849754	0.65	cps
Scandium	45-1	3390631	3315937	3374725	3360431	1.17	cps
Selenium	77-1	150	153	180	161	10.20	cps
Selenium	78-1	59974	59924	60175	60024	0.22	cps
Selenium	82-1	317	159	151	209	44.74	cps
Silicon	28-1	1783243	1771036	1758824	1771034	0.69	cps
Silver	109-1	2460	530	380	1123	103.27	cps
Silver	107-1	2147	557	293	999	100.38	cps
Sodium	23-1	375945	377497	377814	377085	0.27	cps
Strontium	86-1	893	930	763	862	10.16	cps
Strontium	88-1	613	557	580	583	4.88	cps
Sulfur	34-1	194285	197482	199366	197045	1.30	cps
Terbium	159-1	4975173	5051482	5005516	5010724	0.77	cps
Thallium	203-1	257	227	193	226	14.04	cps
Thallium	205-1	623	567	510	567	10.00	cps
Tin	118-1	1353	1287	1317	1319	2.53	cps
Titanium	47-1	150	120	93	121	23.41	cps
Uranium	238-1	233	17	17	89	140.72	cps
Vanadium	51-1	483	350	357	397	18.94	cps
Yttrium	89-1	8720967	8539966	8695096	8652009	1.13	cps
Zinc	66-1	8906	8629	8939	8825	1.93	cps
Zirconium	90-1	357	303	330	330	8.08	cps
Zirconium	91-1	50	83	90	74	28.79	cps

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 16:05:41	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	471840940	503501019	502090446	492477468	3.63	cps
Antimony	121-1	4117	4244	4277	4213	2.00	cps
Arsenic	75-1	-18	669	789	480	90.62	cps
Barium	135-1	1240	1253	1283	1259	1.76	cps
Barium	137-1	2207	2200	2374	2260	4.35	cps
Beryllium	9-1	171	149	127	149	14.82	cps
Bismuth	209-1	2921387	2805437	2966834	2897886	2.87	cps
Bromine	81-1	8269	9810	9673	9251	9.22	cps
Cadmium	106-1	1713	1800	1807	1773	2.94	cps
Cadmium	108-1	540	597	520	552	7.20	cps
Cadmium	111-1	1451	1496	1521	1489	2.36	cps
Calcium	43-1	1223857	1243898	1248888	1238881	1.07	cps
Calcium	44-1	19802106	20098837	20310006	20070316	1.27	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	177332	184722	183784	181946	2.21	cps
Cobalt	59-1	11241	11298	10761	11100	2.66	cps
Copper	63-1	48910	49722	50161	49598	1.28	cps
Dysprosium	156-1	23	20	27	23	14.29	cps
Erbium	164-1	43	53	57	51	13.58	cps
Gadolinium	160-1	27	47	33	36	28.64	cps
Holmium	165-1	4928453	4939852	4988368	4952224	0.64	cps
Indium	115-1	4636239	4681422	4636181	4651280	0.56	cps
Iron	56-1	865049854	880831560	873107774	872996396	0.90	cps
Iron	57-1	20327072	20829613	20907648	20688111	1.52	cps
Iron	54-1	51486644	52513433	52123464	52041180	1.00	cps
Krypton	83-1	553	537	613	568	7.10	cps
Lead	206-1	10818	10504	10838	10720	1.75	cps
Lead	207-1	7826	8319	8303	8149	3.44	cps
Lead	208-1	38849	39333	39810	39330	1.22	cps
Lithium	6-1	359952	356838	353536	356776	0.90	cps
Magnesium	24-1	383106648	387937728	385151261	385398545	0.63	cps
Manganese	55-1	87107	87945	88338	87797	0.72	cps
Molybdenum	94-1	2302223	2389980	2355863	2349355	1.88	cps
Molybdenum	95-1	4166830	4238700	4248534	4218021	1.06	cps
Molybdenum	96-1	4328435	4401698	4527857	4419330	2.28	cps

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 16:05:41	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	2532450	2637228	2567264	2578980	2.07	cps
Molybdenum	98-1	6405036	6572499	6653469	6543668	1.94	cps
Neodymium	150-1	17	23	17	19	20.36	cps
Nickel	60-1	12165	12395	12095	12218	1.29	cps
Phosphorus	31-1	24189762	24514406	24224690	24309620	0.73	cps
Potassium	39-1	657716510	669680843	674525043	667307466	1.30	cps
Rhodium	103-1	4874317	4815015	4837420	4842250	0.62	cps
Scandium	45-1	3481736	3406649	3428595	3438994	1.12	cps
Selenium	77-1	283	333	360	326	11.96	cps
Selenium	78-1	59305	60540	60995	60280	1.45	cps
Selenium	82-1	196	126	69	131	48.59	cps
Silicon	28-1	1839456	1826057	1842202	1835905	0.47	cps
Silver	109-1	447	287	303	346	25.46	cps
Silver	107-1	427	323	260	337	24.99	cps
Sodium	23-1	537587179	535660272	546687565	539978339	1.09	cps
Strontium	86-1	44792	45688	44688	45056	1.22	cps
Strontium	88-1	380333	384888	390769	385330	1.36	cps
Sulfur	34-1	1995571	2000171	1946461	1980735	1.50	cps
Terbium	159-1	5180405	5125896	5144748	5150350	0.54	cps
Thallium	203-1	330	277	363	323	13.52	cps
Thallium	205-1	743	810	820	791	5.27	cps
Tin	118-1	1927	2380	2557	2288	14.21	cps
Titanium	47-1	1203097	1274326	1224255	1233893	2.96	cps
Uranium	238-1	333	160	180	224	42.25	cps
Vanadium	51-1	1850	1790	1790	1810	1.91	cps
Yttrium	89-1	8939642	8819822	8768438	8842634	0.99	cps
Zinc	66-1	22681	24106	24063	23617	3.43	cps
Zirconium	90-1	433	437	380	417	7.63	cps
Zirconium	91-1	77	103	87	89	15.16	cps

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 16:10:10	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	504749952	513915526	511726899	510130792	0.94	cps
Antimony	121-1	78900	82245	81734	80959	2.23	cps
Arsenic	75-1	21734	22571	23376	22560	3.64	cps
Barium	135-1	18682	19173	18869	18908	1.31	cps
Barium	137-1	32541	33469	31986	32665	2.29	cps
Beryllium	9-1	10829	10865	10546	10747	1.63	cps
Bismuth	209-1	2965106	2991163	3003276	2986515	0.65	cps
Bromine	81-1	8563	9073	9060	8898	3.27	cps
Cadmium	106-1	3697	3697	3807	3734	1.70	cps
Cadmium	108-1	1910	2097	2060	2022	4.89	cps
Cadmium	111-1	21712	21975	22295	21994	1.33	cps
Calcium	43-1	1236194	1279840	1288316	1268117	2.21	cps
Calcium	44-1	20332187	21235333	21015138	20860886	2.26	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	343465	351598	355042	350035	1.70	cps
Cobalt	59-1	192989	199719	199438	197382	1.93	cps
Copper	63-1	146735	152668	153184	150862	2.38	cps
Dysprosium	156-1	7	23	20	17	52.90	cps
Erbium	164-1	63	87	77	76	15.50	cps
Gadolinium	160-1	33	60	50	48	28.20	cps
Holmium	165-1	5109704	5127051	5129758	5122171	0.21	cps
Indium	115-1	4834215	4852116	4929202	4871844	1.04	cps
Iron	56-1	893170040	920298653	904049427	905839373	1.51	cps
Iron	57-1	21161641	21794091	21710981	21555571	1.59	cps
Iron	54-1	52022023	53966383	53449336	53145914	1.89	cps
Krypton	83-1	433	517	533	494	10.84	cps
Lead	206-1	61245	63080	61697	62007	1.54	cps
Lead	207-1	51271	52083	52502	51952	1.20	cps
Lead	208-1	235720	243303	240210	239745	1.59	cps
Lithium	6-1	367034	362708	357723	362488	1.29	cps
Magnesium	24-1	386841168	400431687	396052234	394441696	1.76	cps
Manganese	55-1	298229	304145	301705	301360	0.99	cps
Molybdenum	94-1	2391376	2491434	2429485	2437432	2.07	cps
Molybdenum	95-1	4315913	4427513	4506889	4416772	2.17	cps
Molybdenum	96-1	4589616	4723308	4716267	4676397	1.61	cps

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 16:10:10	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	2629744	2692979	2720716	2681146	1.74	cps
Molybdenum	98-1	6708211	7029824	6952929	6896988	2.44	cps
Neodymium	150-1	30	27	10	22	48.22	cps
Nickel	60-1	52204	54181	53683	53356	1.93	cps
Phosphorus	31-1	25006993	25821906	25282752	25370550	1.63	cps
Potassium	39-1	689388910	693698670	694737323	692608301	0.41	cps
Rhodium	103-1	4957234	5102998	5050065	5036766	1.46	cps
Scandium	45-1	3532425	3631798	3578251	3580824	1.39	cps
Selenium	77-1	1560	1603	1697	1620	4.31	cps
Selenium	78-1	64557	65216	65866	65213	1.00	cps
Selenium	82-1	1742	1792	1750	1761	1.53	cps
Silicon	28-1	1832123	1862987	1838749	1844620	0.88	cps
Silver	109-1	94899	99466	98895	97754	2.55	cps
Silver	107-1	100372	104285	103339	102665	1.99	cps
Sodium	23-1	550080125	562150805	555741005	555990645	1.09	cps
Strontium	86-1	45524	47376	47165	46688	2.17	cps
Strontium	88-1	393580	406001	400410	399997	1.56	cps
Sulfur	34-1	2019122	2067864	2016235	2034407	1.43	cps
Terbium	159-1	5472331	5401505	5294513	5389450	1.66	cps
Thallium	203-1	65183	66573	65896	65884	1.05	cps
Thallium	205-1	153419	157635	155507	155520	1.36	cps
Tin	118-1	1913	2220	2627	2254	15.88	cps
Titanium	47-1	1279737	1332197	1317500	1309812	2.07	cps
Uranium	238-1	303	103	107	171	66.93	cps
Vanadium	51-1	181994	186264	185971	184743	1.29	cps
Yttrium	89-1	9234349	9303078	9149889	9229105	0.83	cps
Zinc	66-1	48506	49823	49094	49141	1.34	cps
Zirconium	90-1	380	457	440	426	9.48	cps
Zirconium	91-1	97	73	110	93	19.89	cps

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 16:13:10	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	280521429	293073296	294097636	289230787	2.61	cps
Antimony	121-1	2045091	2133621	2148232	2108981	2.65	cps
Arsenic	75-1	560819	584876	581296	575664	2.25	cps
Barium	135-1	2428708	2448425	2445702	2440945	0.44	cps
Barium	137-1	4058272	4273476	4171291	4167680	2.58	cps
Beryllium	9-1	272516	284655	280395	279189	2.21	cps
Bismuth	209-1	3105983	3073974	3105025	3094994	0.59	cps
Bromine	81-1	7665	7906	8089	7887	2.69	cps
Cadmium	106-1	53342	56704	56296	55447	3.31	cps
Cadmium	108-1	37616	39370	39113	38700	2.45	cps
Cadmium	111-1	523172	537364	534719	531751	1.42	cps
Calcium	43-1	3446377	3531775	3568503	3515551	1.78	cps
Calcium	44-1	55036396	57811794	56846246	56564812	2.49	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	4356670	4552985	4622156	4510604	3.05	cps
Cobalt	59-1	4895084	5115117	5099254	5036485	2.44	cps
Copper	63-1	28834855	29992225	29608776	29478619	2.00	cps
Dysprosium	156-1	123	103	110	112	9.08	cps
Erbium	164-1	297	227	240	254	14.61	cps
Gadolinium	160-1	163	140	143	149	8.48	cps
Holmium	165-1	5320693	5390959	5277744	5329799	1.07	cps
Indium	115-1	5076821	4985319	5066609	5042916	0.99	cps
Iron	56-1	1207611235	1263080088	1246276541	1238989288	2.30	cps
Iron	57-1	29145057	30313187	29796475	29751573	1.97	cps
Iron	54-1	71193159	74081352	74638597	73304369	2.52	cps
Krypton	83-1	540	607	613	587	6.91	cps
Lead	206-1	6088621	6442314	6309689	6280208	2.85	cps
Lead	207-1	5402458	5638027	5648144	5562876	2.50	cps
Lead	208-1	24994146	25902676	25645873	25514231	1.84	cps
Lithium	6-1	375277	371235	365820	370777	1.28	cps
Magnesium	24-1	1084758971	1160980516	1152882143	1132873876	3.70	cps
Manganese	55-1	63916031	65185999	64995157	64699062	1.06	cps
Molybdenum	94-1	7901306	8238053	8350248	8163202	2.86	cps
Molybdenum	95-1	11711884	12207305	12140302	12019830	2.24	cps
Molybdenum	96-1	12401235	13342611	12925943	12889930	3.66	cps

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 16:13:10	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	7173061	7501400	7332159	7335540	2.24	cps
Molybdenum	98-1	18248461	18870603	18800726	18639930	1.83	cps
Neodymium	150-1	110	127	113	117	7.56	cps
Nickel	60-1	1029628	1077710	1065881	1057739	2.37	cps
Phosphorus	31-1	2659578	2669888	2727328	2685598	1.36	cps
Potassium	39-1	905350573	931264546	931978626	922864582	1.64	cps
Rhodium	103-1	5230515	5162669	5141334	5178173	0.90	cps
Scandium	45-1	3803792	3796070	3761750	3787204	0.59	cps
Selenium	77-1	30238	31631	31363	31077	2.38	cps
Selenium	78-1	160206	163120	163103	162143	1.03	cps
Selenium	82-1	39145	40600	40468	40071	2.01	cps
Silicon	28-1	8259841	8692931	8667120	8539964	2.84	cps
Silver	109-1	2651624	2677401	2738736	2689254	1.66	cps
Silver	107-1	2731561	2818362	2855119	2801681	2.26	cps
Sodium	23-1	1437450965	1498296031	1496181204	1477309400	2.34	cps
Strontium	86-1	741490	764446	764298	756745	1.75	cps
Strontium	88-1	6603412	6873506	6822678	6766532	2.12	cps
Sulfur	34-1	380905	394663	391023	388864	1.83	cps
Terbium	159-1	5593368	5531178	5535948	5553498	0.62	cps
Thallium	203-1	1424408	1507905	1477203	1469839	2.87	cps
Thallium	205-1	3683996	3723976	3743003	3716992	0.81	cps
Tin	118-1	1633382	1729713	1718086	1693727	3.10	cps
Titanium	47-1	3473668	3518113	3579460	3523747	1.51	cps
Uranium	238-1	4908872	4932783	4866171	4902609	0.69	cps
Vanadium	51-1	4916200	5207467	5169621	5097763	3.11	cps
Yttrium	89-1	9697424	9742825	9664054	9701434	0.41	cps
Zinc	66-1	7118362	7398270	7570947	7362526	3.10	cps
Zirconium	90-1	3999397	4173558	4255617	4142857	3.16	cps
Zirconium	91-1	862976	900194	901074	888081	2.45	cps

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 16:18:22	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	61698	50958	52008	54888	10.79	cps
Antimony	121-1	283	287	293	288	1.77	cps
Arsenic	75-1	-733	-632	-725	-697	-8.09	cps
Barium	135-1	143	103	120	122	16.44	cps
Barium	137-1	250	167	220	212	19.89	cps
Beryllium	9-1	27	6	4	12	102.00	cps
Bismuth	209-1	3024608	2983234	2962942	2990261	1.05	cps
Bromine	81-1	7058	7625	7582	7422	4.25	cps
Cadmium	106-1	1853	1827	1867	1849	1.10	cps
Cadmium	108-1	23	17	7	16	53.90	cps
Cadmium	111-1	1321	1337	1349	1336	1.04	cps
Calcium	43-1	610	620	550	593	6.38	cps
Calcium	44-1	77245	79986	80341	79191	2.14	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	22464	22050	21265	21926	2.78	cps
Cobalt	59-1	653	347	283	428	46.26	cps
Copper	63-1	4534	4124	4024	4227	6.39	cps
Dysprosium	156-1	7	3	13	8	65.47	cps
Erbium	164-1	40	23	37	33	26.47	cps
Gadolinium	160-1	50	40	57	49	17.16	cps
Holmium	165-1	5024225	4785061	4783154	4864147	2.85	cps
Indium	115-1	4874482	4764443	4831096	4823340	1.15	cps
Iron	56-1	5126263	5098156	5101039	5108486	0.30	cps
Iron	57-1	27018	27646	27091	27251	1.26	cps
Iron	54-1	183312	185226	182864	183800	0.68	cps
Krypton	83-1	550	577	570	566	2.45	cps
Lead	206-1	597	573	463	544	13.08	cps
Lead	207-1	480	473	457	470	2.56	cps
Lead	208-1	2310	2023	1953	2096	9.02	cps
Lithium	6-1	354096	349515	349896	351169	0.72	cps
Magnesium	24-1	26400	24136	23254	24597	6.60	cps
Manganese	55-1	11104	10190	10147	10480	5.16	cps
Molybdenum	94-1	480	363	373	406	15.94	cps
Molybdenum	95-1	443	483	377	434	12.40	cps
Molybdenum	96-1	553	487	427	489	12.96	cps

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 16:18:22	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	410	413	343	389	10.15	cps
Molybdenum	98-1	707	677	600	661	8.32	cps
Neodymium	150-1	7	7	3	6	34.70	cps
Nickel	60-1	1080	1160	1197	1146	5.21	cps
Phosphorus	31-1	10670	10397	10564	10544	1.31	cps
Potassium	39-1	3251319	3240468	3252709	3248165	0.21	cps
Rhodium	103-1	5211795	5047451	4913144	5057463	2.96	cps
Scandium	45-1	3472641	3468829	3431664	3457711	0.65	cps
Selenium	77-1	183	250	197	210	16.80	cps
Selenium	78-1	61791	61356	62591	61913	1.01	cps
Selenium	82-1	180	173	114	155	23.22	cps
Silicon	28-1	1756571	1796754	1743772	1765699	1.57	cps
Silver	109-1	217	207	157	193	16.63	cps
Silver	107-1	240	213	227	227	5.88	cps
Sodium	23-1	524003	523640	504471	517371	2.16	cps
Strontium	86-1	787	1023	873	894	13.39	cps
Strontium	88-1	590	700	553	614	12.42	cps
Sulfur	34-1	215548	215339	217394	216093	0.52	cps
Terbium	159-1	5236473	5230033	5152221	5206242	0.90	cps
Thallium	203-1	333	283	287	301	9.28	cps
Thallium	205-1	863	777	770	803	6.48	cps
Tin	118-1	1567	1517	1373	1486	6.76	cps
Titanium	47-1	143	143	137	141	2.73	cps
Uranium	238-1	203	37	43	94	99.91	cps
Vanadium	51-1	583	437	413	478	19.29	cps
Yttrium	89-1	9210972	9022847	8884362	9039394	1.81	cps
Zinc	66-1	9743	9356	9346	9482	2.39	cps
Zirconium	90-1	450	390	423	421	7.14	cps
Zirconium	91-1	100	57	97	84	28.55	cps

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 16:21:21	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	156493	158919	158402	157938	0.81	cps
Antimony	121-1	8046	8146	8613	8268	3.66	cps
Arsenic	75-1	245	102	301	216	47.49	cps
Barium	135-1	8996	8980	8733	8903	1.66	cps
Barium	137-1	15652	15021	15539	15404	2.18	cps
Beryllium	9-1	618	598	583	600	2.97	cps
Bismuth	209-1	2949393	2958946	2901430	2936590	1.05	cps
Bromine	81-1	7375	7472	7449	7432	0.68	cps
Cadmium	106-1	1960	1957	1883	1933	2.24	cps
Cadmium	108-1	137	107	107	117	14.85	cps
Cadmium	111-1	2240	2302	2264	2268	1.38	cps
Calcium	43-1	7152	7415	6895	7154	3.64	cps
Calcium	44-1	181331	185028	182373	182911	1.04	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	38569	38463	38837	38623	0.50	cps
Cobalt	59-1	10537	10564	10564	10555	0.15	cps
Copper	63-1	14714	14757	14470	14647	1.06	cps
Dysprosium	156-1	7	3	3	4	43.40	cps
Erbium	164-1	17	43	43	34	44.69	cps
Gadolinium	160-1	53	50	30	44	28.39	cps
Holmium	165-1	4989988	4934171	4940977	4955046	0.61	cps
Indium	115-1	4844915	4881941	4819178	4848678	0.65	cps
Iron	56-1	5596879	5602936	5621061	5606959	0.22	cps
Iron	57-1	38643	39231	39458	39111	1.08	cps
Iron	54-1	214023	212262	213974	213420	0.47	cps
Krypton	83-1	593	543	533	557	5.77	cps
Lead	206-1	2537	2687	2710	2645	3.56	cps
Lead	207-1	2157	2287	2180	2208	3.14	cps
Lead	208-1	9852	10138	9955	9982	1.45	cps
Lithium	6-1	360698	355382	351335	355805	1.32	cps
Magnesium	24-1	2126337	2228372	2194109	2182939	2.38	cps
Manganese	55-1	23084	22030	21639	22251	3.36	cps
Molybdenum	94-1	9236	9310	9310	9285	0.46	cps
Molybdenum	95-1	11091	11628	11658	11459	2.78	cps
Molybdenum	96-1	12706	12502	12682	12630	0.88	cps

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 16:21:21	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	7162	7382	7509	7351	2.39	cps
Molybdenum	98-1	18111	18372	18125	18203	0.81	cps
Neodymium	150-1	10	20	7	12	56.76	cps
Nickel	60-1	3024	3190	3010	3075	3.26	cps
Phosphorus	31-1	72421	72658	71805	72295	0.61	cps
Potassium	39-1	6607780	6696280	6653009	6652356	0.67	cps
Rhodium	103-1	5033502	4950111	4949585	4977733	0.97	cps
Scandium	45-1	3557538	3441488	3378775	3459267	2.62	cps
Selenium	77-1	443	487	513	481	7.34	cps
Selenium	78-1	62655	61678	63278	62537	1.29	cps
Selenium	82-1	565	606	586	586	3.53	cps
Silicon	28-1	1787994	1767557	1757051	1770867	0.89	cps
Silver	109-1	5201	5598	5598	5466	4.19	cps
Silver	107-1	5811	5775	5941	5842	1.50	cps
Sodium	23-1	3303538	3426553	3475613	3401901	2.61	cps
Strontium	86-1	2380	2374	2254	2336	3.05	cps
Strontium	88-1	12692	12939	13179	12937	1.88	cps
Sulfur	34-1	221954	224488	225370	223938	0.79	cps
Terbium	159-1	5179842	5158906	5133763	5157504	0.45	cps
Thallium	203-1	3264	3347	3267	3293	1.43	cps
Thallium	205-1	7732	7836	7586	7718	1.63	cps
Tin	118-1	17120	17704	17671	17499	1.87	cps
Titanium	47-1	3267	3510	3357	3378	3.64	cps
Uranium	238-1	8820	8089	8653	8521	4.49	cps
Vanadium	51-1	47719	48264	48434	48139	0.78	cps
Yttrium	89-1	8974316	8891975	8763988	8876760	1.19	cps
Zinc	66-1	16276	15014	15865	15718	4.09	cps
Zirconium	90-1	8156	8089	8302	8182	1.33	cps
Zirconium	91-1	1677	1713	1920	1770	7.41	cps

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	PB169290BL	Instrumnet Name :	P7
Client Sample ID :	PB169290BL	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 16:24:29	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	49988	46691	48610	48430	3.42	cps
Antimony	121-1	113	113	117	114	1.68	cps
Arsenic	75-1	-898	-1027	-786	-903	-13.34	cps
Barium	135-1	127	107	113	116	8.81	cps
Barium	137-1	200	147	120	156	26.19	cps
Beryllium	9-1	24	9	9	14	64.36	cps
Bismuth	209-1	2930434	2756457	2975721	2887537	4.01	cps
Bromine	81-1	7382	7642	7652	7559	2.03	cps
Cadmium	106-1	1990	1747	1837	1858	6.62	cps
Cadmium	108-1	13	13	37	21	63.83	cps
Cadmium	111-1	1437	1237	1300	1325	7.73	cps
Calcium	43-1	553	573	607	578	4.66	cps
Calcium	44-1	72961	70885	71467	71771	1.49	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	21222	21138	21809	21390	1.71	cps
Cobalt	59-1	613	330	260	401	46.65	cps
Copper	63-1	3434	3284	3620	3446	4.90	cps
Dysprosium	156-1	10	7	10	9	21.63	cps
Erbium	164-1	37	17	43	32	43.06	cps
Gadolinium	160-1	53	33	20	36	47.19	cps
Holmium	165-1	4934019	4646740	4998433	4859730	3.85	cps
Indium	115-1	4837590	4550993	4663625	4684069	3.08	cps
Iron	56-1	5101852	5071812	5158250	5110638	0.86	cps
Iron	57-1	27969	27896	28053	27973	0.28	cps
Iron	54-1	186769	189719	186994	187827	0.87	cps
Krypton	83-1	553	607	533	564	6.72	cps
Lead	206-1	590	460	480	510	13.73	cps
Lead	207-1	403	450	350	401	12.47	cps
Lead	208-1	1953	1830	1710	1831	6.65	cps
Lithium	6-1	359218	338361	356929	351503	3.25	cps
Magnesium	24-1	18431	18705	18829	18655	1.09	cps
Manganese	55-1	10891	9730	10184	10268	5.70	cps
Molybdenum	94-1	303	293	257	284	8.64	cps
Molybdenum	95-1	357	320	273	317	13.19	cps
Molybdenum	96-1	367	300	360	342	10.73	cps

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	PB169290BL	Instrumnet Name :	P7
Client Sample ID :	PB169290BL	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 16:24:29	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	327	290	303	307	6.05	cps
Molybdenum	98-1	497	440	420	452	8.79	cps
Neodymium	150-1	3	3	7	4	43.40	cps
Nickel	60-1	1143	1093	1147	1128	2.65	cps
Phosphorus	31-1	10537	10690	10647	10625	0.74	cps
Potassium	39-1	3180190	3137459	3194875	3170841	0.94	cps
Rhodium	103-1	5057732	4710657	4958691	4909027	3.64	cps
Scandium	45-1	3563564	3249426	3438209	3417066	4.63	cps
Selenium	77-1	180	140	217	179	21.44	cps
Selenium	78-1	61085	61082	61507	61225	0.40	cps
Selenium	82-1	192	116	196	168	27.09	cps
Silicon	28-1	1741466	1705576	1724912	1723984	1.04	cps
Silver	109-1	120	123	140	128	8.38	cps
Silver	107-1	140	153	137	143	6.15	cps
Sodium	23-1	442454	441971	442884	442436	0.10	cps
Strontium	86-1	1050	967	873	963	9.17	cps
Strontium	88-1	600	647	653	633	4.59	cps
Sulfur	34-1	220944	218600	221380	220308	0.68	cps
Terbium	159-1	5135246	4802293	5175842	5037794	4.07	cps
Thallium	203-1	243	233	270	249	7.62	cps
Thallium	205-1	677	503	487	556	18.94	cps
Tin	118-1	1353	1173	1160	1229	8.79	cps
Titanium	47-1	133	97	120	117	15.91	cps
Uranium	238-1	237	7	10	84	156.12	cps
Vanadium	51-1	573	393	347	438	27.34	cps
Yttrium	89-1	8869445	8275009	8868109	8670854	3.95	cps
Zinc	66-1	8929	8469	9190	8863	4.12	cps
Zirconium	90-1	387	297	363	349	13.39	cps
Zirconium	91-1	97	97	30	74	51.70	cps

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	PB169290BS	Instrumnet Name :	P7
Client Sample ID :	PB169290BS	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 16:27:28	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	55968801	58335237	57896444	57400161	2.19	cps
Antimony	121-1	2026679	2082540	2055998	2055072	1.36	cps
Arsenic	75-1	552668	569963	571901	564844	1.87	cps
Barium	135-1	2355009	2392892	2371150	2373017	0.80	cps
Barium	137-1	3964286	4146675	4134165	4081709	2.50	cps
Beryllium	9-1	272367	281967	281524	278619	1.95	cps
Bismuth	209-1	3125172	3110749	3087460	3107793	0.61	cps
Bromine	81-1	7349	6975	6878	7067	3.51	cps
Cadmium	106-1	54813	55583	55282	55226	0.70	cps
Cadmium	108-1	37786	39130	38501	38472	1.75	cps
Cadmium	111-1	521890	537585	537649	532375	1.71	cps
Calcium	43-1	672317	687405	683781	681168	1.16	cps
Calcium	44-1	10856866	10844803	11016314	10905994	0.88	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	4266081	4404243	4520563	4396962	2.90	cps
Cobalt	59-1	4801894	5024642	5027110	4951215	2.61	cps
Copper	63-1	29282896	30227730	30046260	29852295	1.68	cps
Dysprosium	156-1	30	33	47	37	24.06	cps
Erbium	164-1	80	93	87	87	7.69	cps
Gadolinium	160-1	67	60	67	64	5.98	cps
Holmium	165-1	5214779	5192609	5223796	5210394	0.31	cps
Indium	115-1	4958475	4965385	4927799	4950553	0.40	cps
Iron	56-1	239109743	249422316	255293923	247941994	3.30	cps
Iron	57-1	5686598	5921331	5936328	5848086	2.39	cps
Iron	54-1	14517294	14975936	15034840	14842690	1.91	cps
Krypton	83-1	657	550	583	597	9.15	cps
Lead	206-1	6192878	6461448	6409518	6354615	2.24	cps
Lead	207-1	5456166	5693541	5684579	5611429	2.40	cps
Lead	208-1	24868690	25850527	25866193	25528470	2.24	cps
Lithium	6-1	377596	379247	376505	377783	0.37	cps
Magnesium	24-1	219957503	229127970	230771917	226619130	2.57	cps
Manganese	55-1	62085457	63348749	65438629	63624278	2.66	cps
Molybdenum	94-1	7761784	7945527	7865001	7857437	1.17	cps
Molybdenum	95-1	11438532	11724504	11788769	11650602	1.60	cps
Molybdenum	96-1	12127351	12524768	12667421	12439847	2.25	cps

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	PB169290BS	Instrumnet Name :	P7
Client Sample ID :	PB169290BS	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 16:27:28	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	6780913	7096942	7116621	6998159	2.69	cps
Molybdenum	98-1	17735852	18139833	18250745	18042143	1.50	cps
Neodymium	150-1	93	50	67	70	31.22	cps
Nickel	60-1	1044418	1066185	1084742	1065115	1.89	cps
Phosphorus	31-1	2542100	2621253	2642420	2601924	2.03	cps
Potassium	39-1	179921537	184045111	185070104	183012251	1.49	cps
Rhodium	103-1	5153651	5126508	5002290	5094150	1.58	cps
Scandium	45-1	3635974	3591158	3570711	3599281	0.93	cps
Selenium	77-1	30719	30836	32179	31244	2.60	cps
Selenium	78-1	158828	160293	162181	160434	1.05	cps
Selenium	82-1	40003	41113	40823	40646	1.42	cps
Silicon	28-1	7881838	8236149	8304169	8140719	2.79	cps
Silver	109-1	2542058	2718427	2670730	2643738	3.45	cps
Silver	107-1	2742745	2879662	2858565	2826991	2.61	cps
Sodium	23-1	288212016	299648576	301887789	296582793	2.47	cps
Strontium	86-1	709896	731782	731663	724447	1.74	cps
Strontium	88-1	6310789	6563017	6510897	6461568	2.06	cps
Sulfur	34-1	398127	400965	398383	399158	0.39	cps
Terbium	159-1	5517377	5410292	5267906	5398525	2.32	cps
Thallium	203-1	1434056	1487867	1495111	1472345	2.27	cps
Thallium	205-1	3650550	3757273	3849895	3752572	2.66	cps
Tin	118-1	1565940	1697997	1659739	1641225	4.14	cps
Titanium	47-1	3309843	3395050	3451098	3385330	2.10	cps
Uranium	238-1	4566915	4866541	4789856	4741104	3.28	cps
Vanadium	51-1	4766471	4938588	4959028	4888029	2.16	cps
Yttrium	89-1	9339432	9426974	9104928	9290444	1.79	cps
Zinc	66-1	7344714	7523860	7570878	7479817	1.60	cps
Zirconium	90-1	3832355	3996022	4004298	3944225	2.46	cps
Zirconium	91-1	836175	859978	865889	854014	1.84	cps

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	Q2552-04	Instrumnet Name :	P7
Client Sample ID :	WS0725-PT-TM-WS	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 16:41:59	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	3128994	3230149	3232954	3197366	1.85	cps
Antimony	121-1	71300	73333	73213	72615	1.57	cps
Arsenic	75-1	26447	27258	27403	27036	1.91	cps
Barium	135-1	581986	588204	589371	586520	0.68	cps
Barium	137-1	1010021	1032149	1031089	1024420	1.22	cps
Beryllium	9-1	4980	5047	5075	5034	0.98	cps
Bismuth	209-1	3016158	2959674	2933784	2969872	1.42	cps
Bromine	81-1	7112	7092	7162	7122	0.51	cps
Cadmium	106-1	3577	3490	3701	3589	2.94	cps
Cadmium	108-1	1367	1390	1373	1377	0.87	cps
Cadmium	111-1	20033	20259	20515	20269	1.19	cps
Calcium	43-1	637	673	533	614	11.81	cps
Calcium	44-1	67312	68511	68648	68157	1.08	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	217341	223904	224066	221770	1.73	cps
Cobalt	59-1	713	447	420	527	30.80	cps
Copper	63-1	5363351	5473924	5426757	5421344	1.02	cps
Dysprosium	156-1	20	10	10	13	43.30	cps
Erbium	164-1	53	53	27	44	34.63	cps
Gadolinium	160-1	43	40	27	37	24.04	cps
Holmium	165-1	4899401	4854488	4790837	4848242	1.13	cps
Indium	115-1	4757973	4715534	4760915	4744807	0.54	cps
Iron	56-1	10811574	10861256	10958427	10877086	0.69	cps
Iron	57-1	165981	170230	170021	168744	1.42	cps
Iron	54-1	536611	546269	546026	542969	1.01	cps
Krypton	83-1	590	603	630	608	3.35	cps
Lead	206-1	118374	121362	120626	120121	1.30	cps
Lead	207-1	98574	101139	99336	99683	1.32	cps
Lead	208-1	460518	472082	467572	466724	1.25	cps
Lithium	6-1	357048	354959	349999	354002	1.02	cps
Magnesium	24-1	20380	19462	19813	19885	2.33	cps
Manganese	55-1	1183220	1204707	1207963	1198630	1.12	cps
Molybdenum	94-1	113356	116732	115908	115332	1.53	cps
Molybdenum	95-1	198387	203148	204270	201935	1.55	cps
Molybdenum	96-1	210696	217121	215397	214405	1.55	cps

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	Q2552-04	Instrumnet Name :	P7
Client Sample ID :	WS0725-PT-TM-WS	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 16:41:59	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	121620	125152	124395	123722	1.50	cps
Molybdenum	98-1	315101	322078	322656	319945	1.31	cps
Neodymium	150-1	50	50	10	37	62.98	cps
Nickel	60-1	975227	1002633	997159	991673	1.46	cps
Phosphorus	31-1	10627	10520	10817	10655	1.41	cps
Potassium	39-1	3121478	3135299	3129914	3128897	0.22	cps
Rhodium	103-1	5043784	4928338	4867264	4946462	1.81	cps
Scandium	45-1	3483908	3410335	3372189	3422144	1.66	cps
Selenium	77-1	4891	5018	4988	4965	1.33	cps
Selenium	78-1	76550	77133	77166	76950	0.45	cps
Selenium	82-1	6362	6481	6230	6358	1.98	cps
Silicon	28-1	2273613	2290598	2313622	2292611	0.88	cps
Silver	109-1	416886	426699	426929	423505	1.35	cps
Silver	107-1	433933	443377	448245	441852	1.65	cps
Sodium	23-1	582414	588745	589999	587053	0.69	cps
Strontium	86-1	943	897	960	933	3.52	cps
Strontium	88-1	690	697	720	702	2.24	cps
Sulfur	34-1	207698	208982	208837	208506	0.34	cps
Terbium	159-1	5230315	5169928	5060984	5153742	1.67	cps
Thallium	203-1	25053	25367	24786	25069	1.16	cps
Thallium	205-1	57940	58881	59326	58716	1.21	cps
Tin	118-1	1353	1210	1200	1255	6.84	cps
Titanium	47-1	227	247	220	231	6.01	cps
Uranium	238-1	237	33	50	107	105.84	cps
Vanadium	51-1	3071001	3092085	3137828	3100305	1.10	cps
Yttrium	89-1	8791685	8789745	8681288	8754239	0.72	cps
Zinc	66-1	1299677	1330729	1323108	1317838	1.23	cps
Zirconium	90-1	1730	1730	1860	1773	4.23	cps
Zirconium	91-1	393	343	427	388	10.82	cps

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 16:49:37	DataFile Name :	028CRI.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	264489729	276432376	274437383	271786496	2.35	cps
Antimony	121-1	2075503	2194318	2146333	2138718	2.79	cps
Arsenic	75-1	562257	583766	571489	572504	1.88	cps
Barium	135-1	2407206	2497656	2491428	2465430	2.05	cps
Barium	137-1	4139803	4333191	4294130	4255708	2.40	cps
Beryllium	9-1	290344	300618	297477	296146	1.78	cps
Bismuth	209-1	3128418	3113350	3092934	3111567	0.57	cps
Bromine	81-1	7402	7299	7219	7306	1.26	cps
Cadmium	106-1	55509	56095	56958	56187	1.30	cps
Cadmium	108-1	38104	39073	39287	38821	1.62	cps
Cadmium	111-1	532547	544636	538482	538555	1.12	cps
Calcium	43-1	3316984	3464842	3368557	3383461	2.22	cps
Calcium	44-1	53884396	55007281	55376739	54756139	1.42	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	4556920	4599240	4634764	4596975	0.85	cps
Cobalt	59-1	4922088	5281273	5179131	5127498	3.61	cps
Copper	63-1	29166660	30280871	30054360	29833964	1.97	cps
Dysprosium	156-1	133	140	127	133	5.00	cps
Erbium	164-1	217	283	200	233	18.90	cps
Gadolinium	160-1	137	193	147	159	19.04	cps
Holmium	165-1	5296635	5291298	5343035	5310323	0.54	cps
Indium	115-1	4941838	5003177	4949967	4964994	0.67	cps
Iron	56-1	1132627396	1178937182	1172778249	1161447609	2.17	cps
Iron	57-1	27267635	28012993	28192125	27824251	1.76	cps
Iron	54-1	66597157	70533741	69199841	68776913	2.91	cps
Krypton	83-1	497	543	590	543	8.59	cps
Lead	206-1	6375218	6762312	6621437	6586322	2.97	cps
Lead	207-1	5571537	5832544	5850552	5751544	2.71	cps
Lead	208-1	25480175	26315440	26752586	26182734	2.47	cps
Lithium	6-1	375289	377657	372640	375195	0.67	cps
Magnesium	24-1	1096828624	1145736730	1121555317	1121373557	2.18	cps
Manganese	55-1	64451461	66897654	65637262	65662126	1.86	cps
Molybdenum	94-1	8083596	8496381	8232079	8270685	2.53	cps
Molybdenum	95-1	11839480	12395642	12045404	12093509	2.33	cps
Molybdenum	96-1	12921693	13228581	13158074	13102783	1.23	cps

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 16:49:37	DataFile Name :	028CRI.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	7234213	7452213	7461305	7382577	1.74	cps
Molybdenum	98-1	18857308	19359400	19052544	19089751	1.33	cps
Neodymium	150-1	117	83	97	99	16.97	cps
Nickel	60-1	1053896	1085770	1079274	1072980	1.57	cps
Phosphorus	31-1	2665732	2768384	2762802	2732306	2.11	cps
Potassium	39-1	884582253	902480200	881457027	889506493	1.28	cps
Rhodium	103-1	5147212	5221216	4989763	5119397	2.31	cps
Scandium	45-1	3645672	3675592	3686621	3669295	0.58	cps
Selenium	77-1	30234	31517	31096	30949	2.11	cps
Selenium	78-1	158190	160804	158966	159320	0.84	cps
Selenium	82-1	39429	40849	40461	40246	1.82	cps
Silicon	28-1	10039809	10270293	10456181	10255428	2.03	cps
Silver	109-1	2702435	2764774	2725560	2730923	1.15	cps
Silver	107-1	2774621	2858197	2881523	2838113	1.98	cps
Sodium	23-1	1451652192	1499496671	1510273524	1487140796	2.10	cps
Strontium	86-1	742151	772479	757232	757287	2.00	cps
Strontium	88-1	6743701	6876827	6848326	6822951	1.03	cps
Sulfur	34-1	407526	410813	406613	408317	0.54	cps
Terbium	159-1	5604258	5555232	5509866	5556452	0.85	cps
Thallium	203-1	1487990	1524366	1519969	1510775	1.31	cps
Thallium	205-1	3828918	3894361	3875732	3866337	0.87	cps
Tin	118-1	1674384	1724866	1744316	1714522	2.11	cps
Titanium	47-1	3502216	3638172	3651504	3597298	2.30	cps
Uranium	238-1	4949949	5005602	5166497	5040683	2.23	cps
Vanadium	51-1	5144215	5283643	5264346	5230735	1.44	cps
Yttrium	89-1	9527932	9718111	9397271	9547772	1.69	cps
Zinc	66-1	7106955	7427569	7438459	7324328	2.57	cps
Zirconium	90-1	4147443	4283709	4102283	4177812	2.26	cps
Zirconium	91-1	880853	897865	886967	888562	0.97	cps

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 17:03:30	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	50118	48483	49119	49240	1.67	cps
Antimony	121-1	97	103	90	97	6.89	cps
Arsenic	75-1	-1058	-1192	-1065	-1105	-6.82	cps
Barium	135-1	123	77	57	86	39.99	cps
Barium	137-1	210	130	170	170	23.53	cps
Beryllium	9-1	27	11	6	15	72.49	cps
Bismuth	209-1	2976324	2998967	2918915	2964735	1.39	cps
Bromine	81-1	7275	7535	7689	7500	2.79	cps
Cadmium	106-1	1810	1933	1843	1862	3.43	cps
Cadmium	108-1	27	27	7	20	57.73	cps
Cadmium	111-1	1295	1355	1306	1319	2.41	cps
Calcium	43-1	587	633	560	593	6.26	cps
Calcium	44-1	66800	67339	68089	67409	0.96	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	22053	21529	21132	21571	2.14	cps
Cobalt	59-1	717	373	313	468	46.52	cps
Copper	63-1	3220	2917	3150	3096	5.13	cps
Dysprosium	156-1	13	0	17	10	88.20	cps
Erbium	164-1	67	50	27	48	42.05	cps
Gadolinium	160-1	47	37	47	43	13.32	cps
Holmium	165-1	4972831	4885675	4862761	4907089	1.18	cps
Indium	115-1	4866977	4826927	4741988	4811964	1.33	cps
Iron	56-1	5175792	5217056	5138561	5177137	0.76	cps
Iron	57-1	28136	28123	28868	28376	1.50	cps
Iron	54-1	187391	186517	186895	186934	0.23	cps
Krypton	83-1	507	610	563	560	9.24	cps
Lead	206-1	557	413	477	482	14.90	cps
Lead	207-1	360	403	337	367	9.23	cps
Lead	208-1	2127	1853	1857	1946	8.06	cps
Lithium	6-1	359078	356354	358932	358121	0.43	cps
Magnesium	24-1	18702	18908	18815	18808	0.55	cps
Manganese	55-1	10837	10334	10194	10455	3.24	cps
Molybdenum	94-1	240	313	260	271	13.98	cps
Molybdenum	95-1	320	213	237	257	21.85	cps
Molybdenum	96-1	307	270	303	293	6.91	cps

LB Number :	LB136878	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-08-18 17:03:30	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	363	280	247	297	20.26	cps
Molybdenum	98-1	387	347	367	367	5.45	cps
Neodymium	150-1	3	10	0	4	114.60	cps
Nickel	60-1	1137	1090	1037	1088	4.60	cps
Phosphorus	31-1	11024	11001	11091	11039	0.42	cps
Potassium	39-1	3144342	3157596	3166666	3156201	0.36	cps
Rhodium	103-1	5059996	5005237	4920723	4995319	1.40	cps
Scandium	45-1	3519364	3495540	3471002	3495302	0.69	cps
Selenium	77-1	123	117	127	122	4.17	cps
Selenium	78-1	62193	61162	61366	61574	0.89	cps
Selenium	82-1	197	118	138	151	27.10	cps
Silicon	28-1	1752425	1759891	1756104	1756140	0.21	cps
Silver	109-1	120	123	117	120	2.78	cps
Silver	107-1	103	137	123	121	13.86	cps
Sodium	23-1	427095	429335	428349	428259	0.26	cps
Strontium	86-1	907	953	923	928	2.55	cps
Strontium	88-1	560	640	587	596	6.84	cps
Sulfur	34-1	228134	229849	230353	229446	0.51	cps
Terbium	159-1	5209622	5282590	5181494	5224569	1.00	cps
Thallium	203-1	270	227	223	240	10.85	cps
Thallium	205-1	610	463	503	526	14.43	cps
Tin	118-1	1280	1130	1567	1326	16.75	cps
Titanium	47-1	130	140	143	138	5.04	cps
Uranium	238-1	297	27	27	117	133.61	cps
Vanadium	51-1	447	373	353	391	12.57	cps
Yttrium	89-1	9118638	8914993	8918286	8983972	1.30	cps
Zinc	66-1	9033	8903	8889	8942	0.89	cps
Zirconium	90-1	310	320	363	331	8.56	cps
Zirconium	91-1	67	63	60	63	5.27	cps