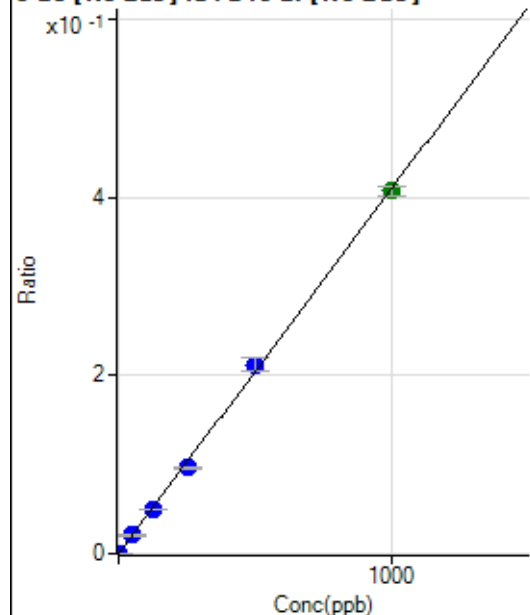


Calibration for 007CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8082422MS1.b\
 Analysis File: P8082422MS1.batch.bin
 DA Date-Time: 2022-08-24 15:44:16
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2022-08-24 13:09:35
2	005CALS.d	S02	2022-08-24 13:12:42
3	006CALS.d	S03	2022-08-24 13:15:51
4	007CALS.d	S04	2022-08-24 13:18:57
5	008CALS.d	S05	2022-08-24 13:22:05
6	009CALS.d	S06	2022-08-24 13:25:11
7	010CALS.d	S07	2022-08-24 13:28:20
8	011CALS.d	S08	2022-08-24 13:31:26

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

	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.32	0.0000	P	13.1
2	☐	1.000	1.040	1331.57	0.0004	P	5.4
3	☐	50.000	50.338	62538.43	0.0206	P	1.8
4	☐	125.000	122.594	154510.13	0.0502	P	0.6
5	☐	250.000	235.064	309139.13	0.0963	P	1.6
6	☐	500.000	518.669	624609.28	0.2125	P	6.9
7	☐	1000.000	994.683	1280522.20	0.4075	A	2.6
8	☐			280.80	0.0001	P	3.1

$$y = 4.0963\text{E-}004 * x + 1.9417\text{E-}005$$

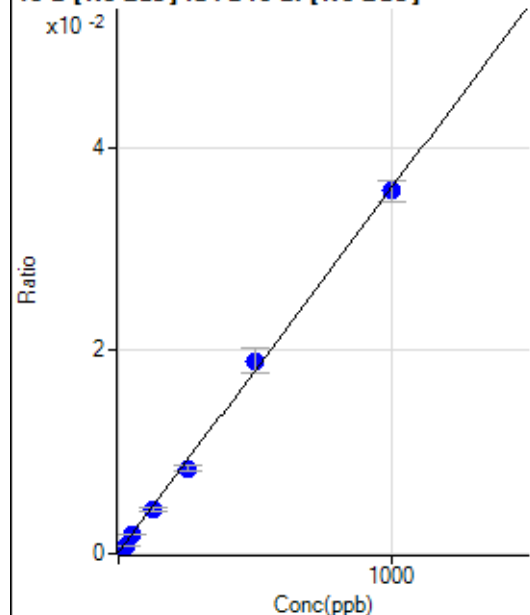
$$R = 0.9996$$

$$DL = 0.01859$$

$$BEC = 0.0474$$

Weight: <None>

Min Conc: 0

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

	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	394.60	0.0001	P	1.5
2	☐	25.000	19.535	2489.06	0.0008	P	2.7
3	☐	50.000	48.440	5657.32	0.0019	P	3.5
4	☐	125.000	118.668	13481.53	0.0044	P	6.3
5	☐	250.000	230.680	26953.96	0.0084	P	6.1
6	☐	500.000	526.825	55732.24	0.0190	P	12.7
7	☐	1000.000	992.424	112210.42	0.0357	P	6.0
8	☐			11108.71	0.0035	P	11.7

$$y = 3.5835\text{E-}005 * x + 1.3120\text{E-}004$$

$$R = 0.9993$$

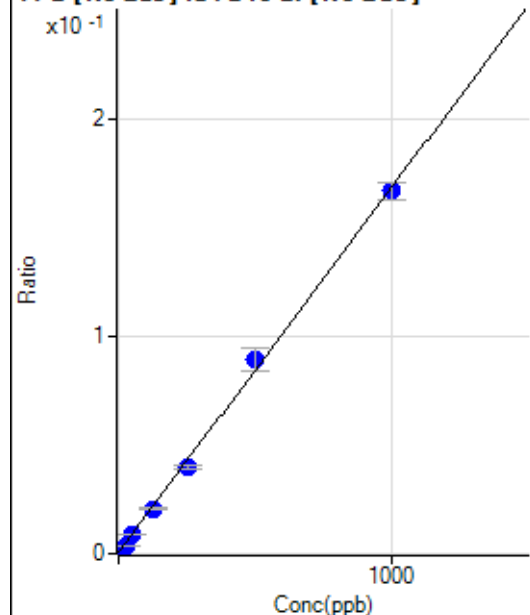
$$DL = 0.1681$$

$$BEC = 3.661$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1777.09	0.0006	P	3.3
2	☐	25.000	19.772	11703.04	0.0039	P	2.4
3	☐	50.000	48.576	26487.97	0.0087	P	2.7
4	☐	125.000	119.599	63532.53	0.0207	P	5.1
5	☐	250.000	231.656	126665.18	0.0395	P	4.8
6	☐	500.000	528.527	261832.33	0.0893	P	11.8
7	☐	1000.000	991.200	524511.36	0.1669	P	4.9
8	☐			51981.57	0.0165	P	10.7

$$y = 1.6778E-004 * x + 5.9109E-004$$

$$R = 0.9992$$

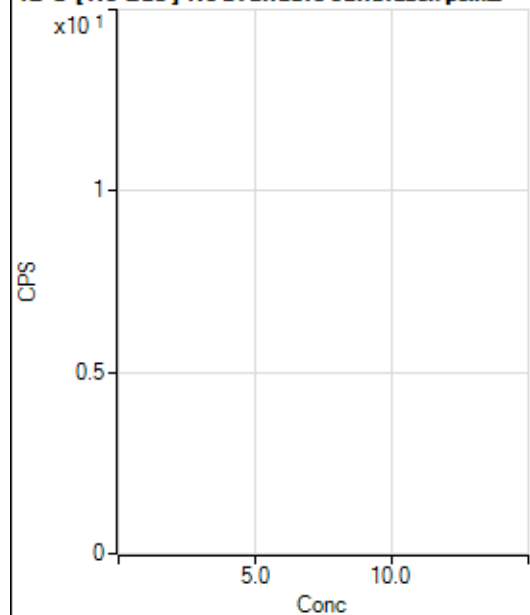
$$DL = 0.3506$$

$$BEC = 3.523$$

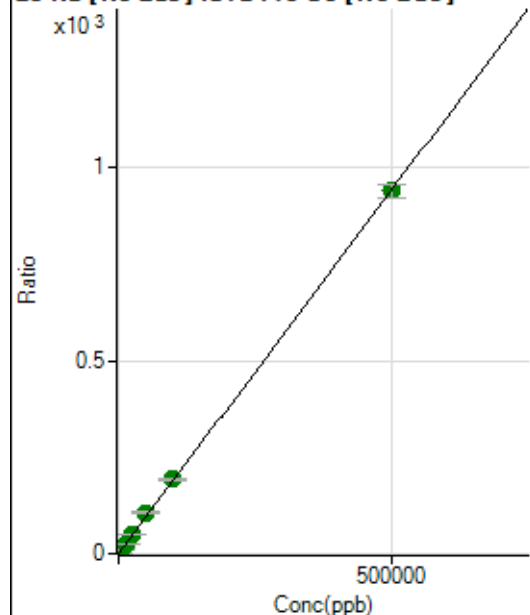
Weight: <None>

Min Conc: 0

12 C [No Gas] No available calibration points



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			4259219.45		A	1.5
2	☐			4311224.67		A	0.8
3	☐			3929106.03		A	1.7
4	☐			4037237.68		A	1.0
5	☐			4202843.50		A	2.0
6	☐			4653165.21		A	1.2
7	☐			5742654.30		A	2.8
8	☐			4240193.37		A	1.8

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

	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	904634.63	0.1984	P	4.8
2	☐	500.000	511.495	5247911.32	1.1615	A	4.3
3	☐	5000.000	5372.673	46599985.43	10.3137	A	2.5
4	☐	12500.000	12879.099	113337345.85	24.4463	A	4.1
5	☐	25000.000	25886.612	228154891.86	48.9360	A	3.7
6	☐	50000.000	55467.207	464789800.09	104.628	A	4.8
7	☐	100000.00	101942.67	937369923.57	192.129	A	4.0
8	☐	500000.00	499007.19	4623746250.0	939.695	A	3.4

$$y = 0.0019 * x + 0.1984$$

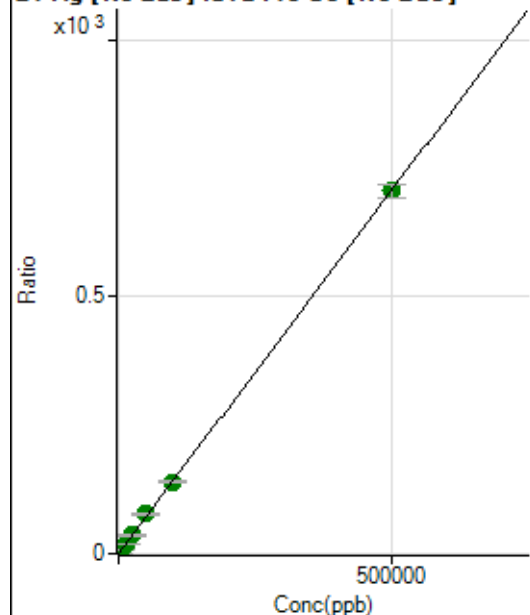
$$R = 0.9999$$

$$DL = 15.1$$

$$BEC = 105.4$$

Weight: <None>

Min Conc: 0

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

	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	10968.75	0.0024	P	8.2
2	☐	500.000	515.969	3307359.14	0.7319	A	3.5
3	☐	5000.000	5263.100	33632772.00	7.4437	A	2.3
4	☐	12500.000	12816.379	84044954.49	18.1231	A	1.3
5	☐	25000.000	25462.215	167875542.96	36.0026	A	3.2
6	☐	50000.000	54308.266	340888363.02	76.7870	A	6.6
7	☐	100000.00	99125.730	683764467.05	140.152	A	3.9
8	☐	500000.00	499710.36	3476885910.1	706.526	A	3.7

$$y = 0.0014 * x + 0.0024$$

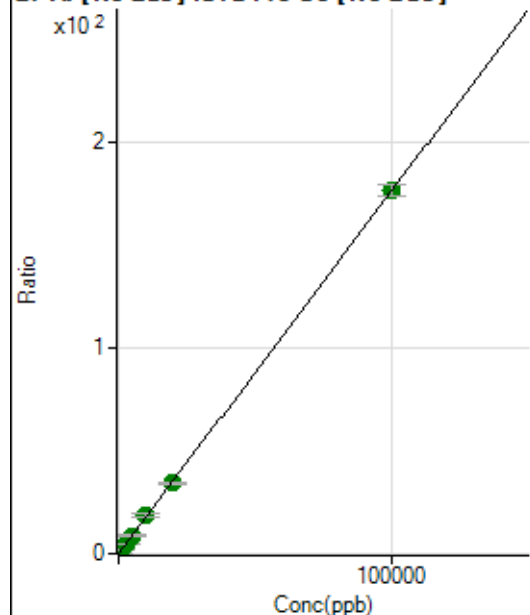
$$R = 1.0000$$

$$DL = 0.4173$$

$$BEC = 1.703$$

Weight: <None>

Min Conc: 0

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

	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7042.30	0.0015	P	6.7
2	☐	20.000	19.664	163787.80	0.0362	P	4.0
3	☐	1000.000	1013.803	8091390.27	1.7907	A	1.8
4	☐	2500.000	2504.453	20504339.24	4.4214	A	1.2
5	☐	5000.000	5026.507	41359840.05	8.8723	A	4.2
6	☐	10000.000	10559.704	82727100.85	18.6373	A	7.0
7	☐	20000.000	19469.048	167690084.18	34.3605	A	1.8
8	☐	100000.00	100048.64	868693369.43	176.567	A	3.2

$$y = 0.0018 * x + 0.0015$$

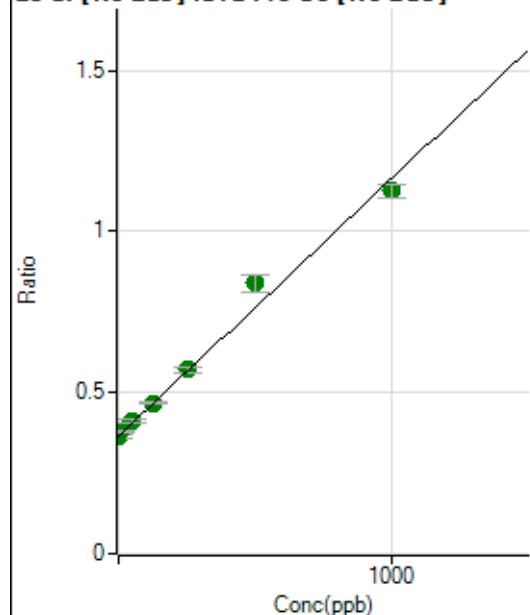
$$R = 1.0000$$

$$DL = 0.1769$$

$$BEC = 0.8747$$

Weight: <None>

Min Conc: 0

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

	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1663898.40	0.3649	A	4.3
2	☐	10.000	18.913	1717613.13	0.3801	A	2.6
3	☐	50.000	59.804	1864923.42	0.4128	A	3.0
4	☐	125.000	127.251	2164640.07	0.4667	A	1.3
5	☐	250.000	256.515	2658474.73	0.5702	A	3.4
6	☐	500.000	592.203	3723365.80	0.8387	A	6.7
7	☐	1000.000	951.409	5494161.19	1.1261	A	3.8
8	☐			1858102.93	0.3776	A	3.6

$$y = 8.0007E-004 * x + 0.3649$$

$$R = 0.9935$$

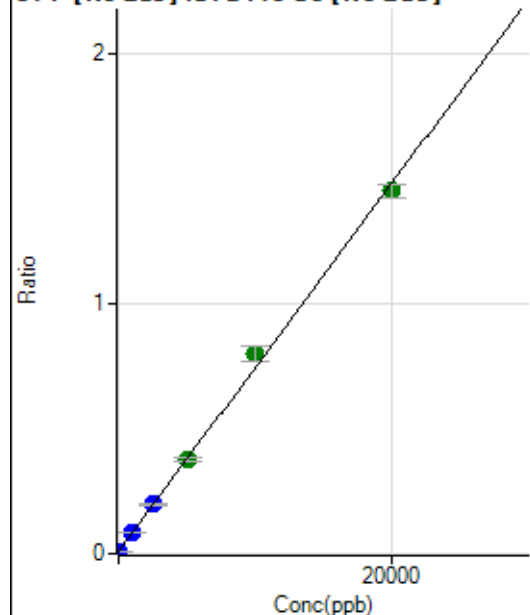
$$DL = 58.23$$

$$BEC = 456.1$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-9.008	35881.07	0.0079	P	4.2
2	☐	0.000	9.008	41541.98	0.0092	P	3.3
3	☐	1000.000	1047.727	386322.58	0.0855	P	2.1
4	☐	2500.000	2564.880	913396.85	0.1970	P	1.2
5	☐	5000.000	5040.822	1766217.25	0.3788	A	3.8
6	☐	10000.000	10744.296	3541165.21	0.7978	A	7.2
7	☐	20000.000	19607.150	7069318.03	1.4489	A	3.5
8	☐			39443.86	0.0080	P	2.2

$$y = 7.3462E-005 * x + 0.0085$$

R = 0.9990

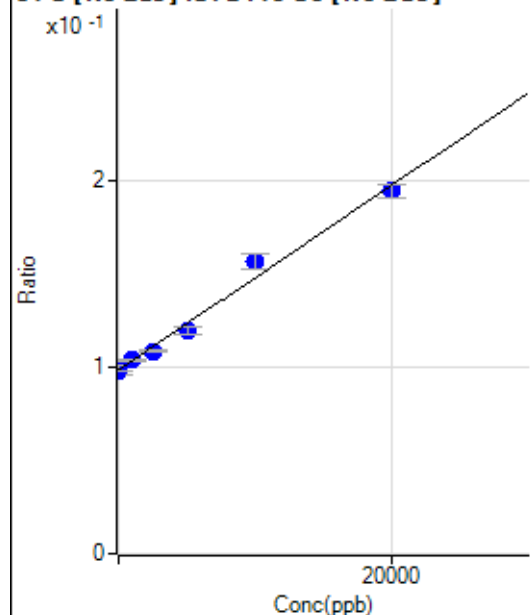
DL = 12.89

BEC = 116.1

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-172.419	444896.00	0.0976	P	4.1
2	☐	0.000	172.419	448660.52	0.0993	P	2.4
3	☐	1000.000	1021.085	467576.90	0.1035	P	1.3
4	☐	2500.000	2013.649	502601.38	0.1084	P	1.3
5	☐	5000.000	4296.568	557869.19	0.1197	P	3.8
6	☐	10000.000	11703.375	694045.26	0.1563	P	5.4
7	☐	20000.000	19383.910	947611.42	0.1942	P	3.6
8	☐			395593.34	0.0804	P	2.2

$$y = 4.9423E-006 * x + 0.0984$$

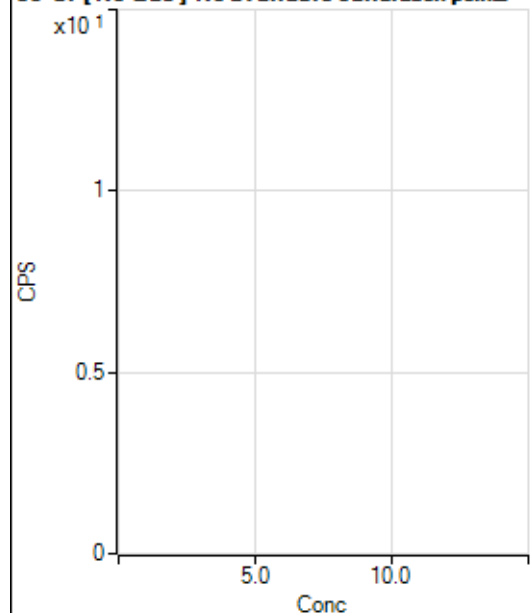
R = 0.9937

DL = 1948

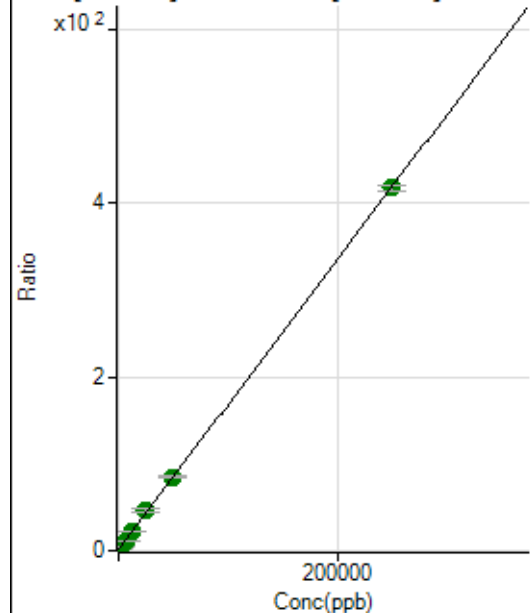
BEC = 1.992E+04

Weight: <None>

Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			472563.08		P	0.7
2	☐			453967.31		P	0.8
3	☐			526069.36		P	0.9
4	☐			490824.51		P	1.0
5	☐			480047.85		P	0.6
6	☐			448982.18		P	0.7
7	☐			399095.53		P	0.5
8	☐			416578.96		P	1.1

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

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5230281.40	1.1471	A	4.1
2	☐	500.000	505.176	8988055.34	1.9889	A	2.6
3	☐	2500.000	2612.802	24851126.09	5.5008	A	3.3
4	☐	6250.000	6272.718	53795284.64	11.5992	A	1.0
5	☐	12500.000	12560.845	102914205.58	22.0770	A	4.5
6	☐	25000.000	27056.230	205290484.92	46.2304	A	5.9
7	☐	50000.000	50098.042	412903769.22	84.6245	A	3.2
8	☐	250000.00	249770.02	2053852380.0	417.333	A	1.6

$$y = 0.0017 * x + 1.1471$$

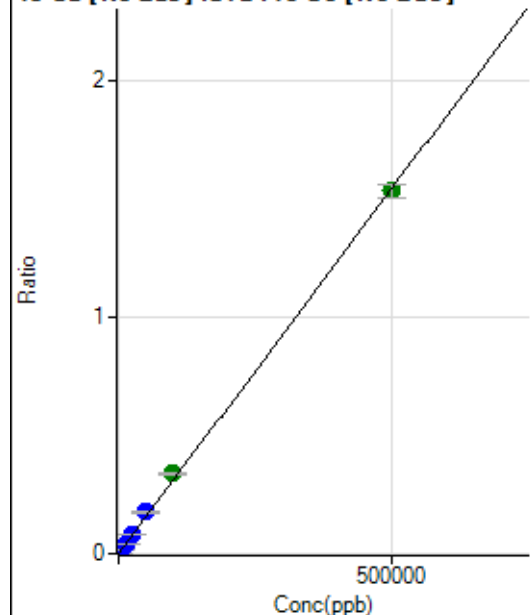
$$R = 1.0000$$

$$DL = 85.38$$

$$BEC = 688.4$$

Weight: <None>

Min Conc: 0

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

	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	343.71	0.0001	P	4.0
2	☐	500.000	466.232	6831.63	0.0015	P	4.1
3	☐	5000.000	5428.455	75914.88	0.0168	P	2.6
4	☐	12500.000	13067.302	187072.55	0.0403	P	1.5
5	☐	25000.000	26388.857	379471.88	0.0814	P	3.5
6	☐	50000.000	56661.493	775691.24	0.1747	P	5.7
7	☐	100000.00	109449.03	1646028.62	0.3373	A	2.7
8	☐	500000.00	497356.16	7540048.81	1.5326	A	3.4

$$y = 3.0813E-006 * x + 7.5322E-005$$

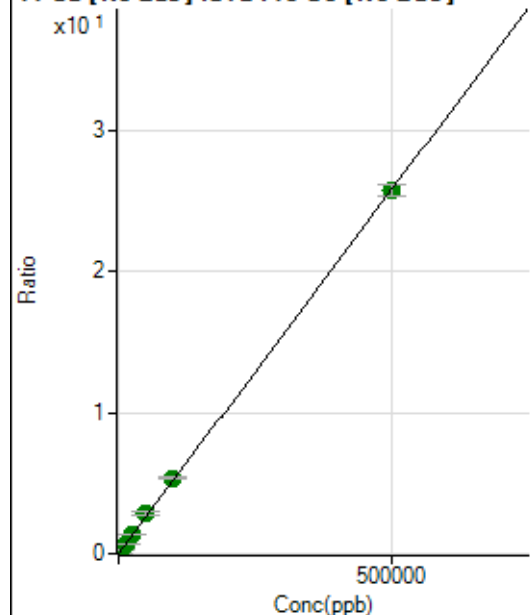
$$R = 0.9997$$

$$DL = 2.931$$

$$BEC = 24.44$$

Weight: <None>

Min Conc: 0

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

	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22608.74	0.0050	P	4.1
2	☐	500.000	474.278	132973.51	0.0294	P	2.2
3	☐	5000.000	5365.069	1273065.98	0.2817	A	3.1
4	☐	12500.000	13158.717	3170877.14	0.6837	A	1.6
5	☐	25000.000	25660.831	6197346.80	1.3286	A	1.8
6	☐	50000.000	55885.747	12818373.35	2.8877	A	6.8
7	☐	100000.00	103420.68	26053530.64	5.3397	A	3.3
8	☐	500000.00	498674.15	126603684.74	25.7281	A	3.2

$$y = 5.1583E-005 * x + 0.0050$$

$$R = 0.9999$$

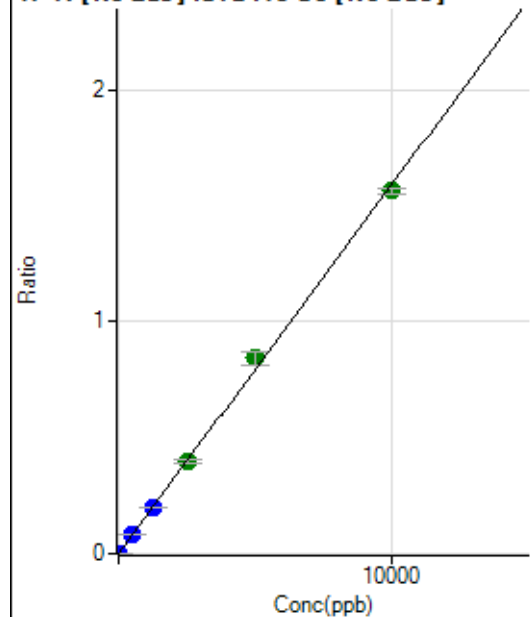
$$DL = 11.9$$

$$BEC = 96.12$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	388.90	0.0001	P	16.9
2	☐	5.000	5.057	4020.11	0.0009	P	3.2
3	☐	500.000	509.610	366572.75	0.0811	P	1.7
4	☐	1250.000	1259.299	928989.96	0.2003	P	2.8
5	☐	2500.000	2502.458	1855691.71	0.3980	A	3.8
6	☐	5000.000	5315.611	3752688.06	0.8454	A	6.8
7	☐	10000.000	9839.937	7637626.90	1.5649	A	1.5
8	☐			1205.64	0.0002	P	3.5

$$y = 1.5902\text{E-}004 * x + 8.5367\text{E-}005$$

$$R = 0.9993$$

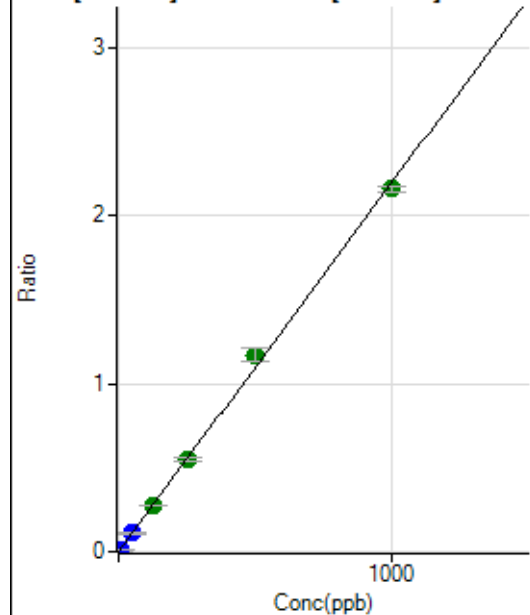
$$DL = 0.2726$$

$$BEC = 0.5368$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	437.13	0.0001	P	5.1
2	☐	5.000	5.034	50386.69	0.0111	P	2.8
3	☐	50.000	50.519	501592.25	0.1110	P	4.4
4	☐	125.000	123.535	1258638.48	0.2714	A	1.0
5	☐	250.000	248.602	2545826.23	0.5460	A	3.5
6	☐	500.000	532.733	5193455.04	1.1700	A	6.9
7	☐	1000.000	984.140	10547593.68	2.1613	A	1.9
8	☐			3967.99	0.0008	P	5.0

$$y = 0.0022 * x + 9.5746\text{E-}005$$

$$R = 0.9992$$

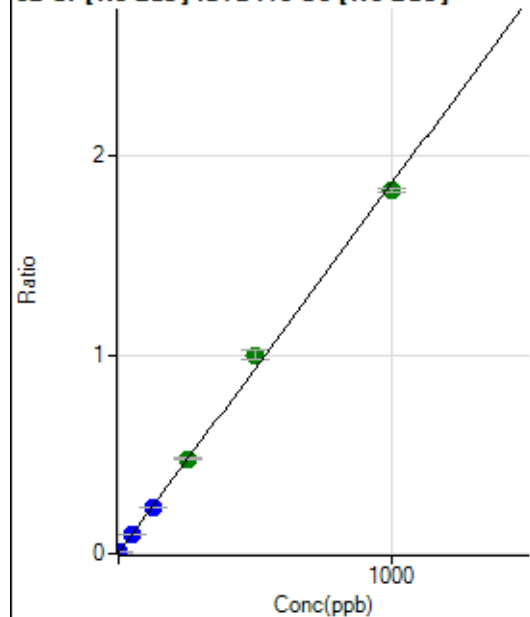
$$DL = 0.006666$$

$$BEC = 0.0436$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19670.34	0.0043	P	5.5
2	☐	2.000	2.120	37286.78	0.0083	P	4.6
3	☐	50.000	50.659	444611.03	0.0984	P	2.7
4	☐	125.000	123.475	1083535.66	0.2336	P	1.0
5	☐	250.000	254.602	2225185.47	0.4772	A	3.0
6	☐	500.000	536.364	4443300.38	1.0005	A	5.5
7	☐	1000.000	980.825	8912280.09	1.8260	A	1.1
8	☐			43379.68	0.0088	P	3.7

$$y = 0.0019 * x + 0.0043$$

$$R = 0.9990$$

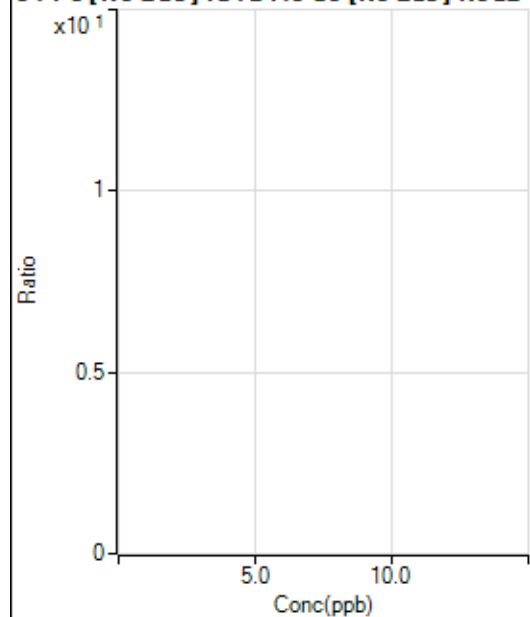
$$DL = 0.3862$$

$$BEC = 2.324$$

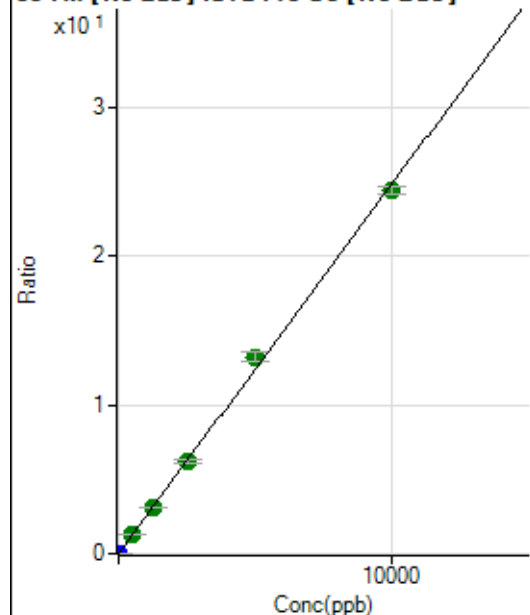
Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000					
2	☐	50.000					
3	☐	2500.000					
4	☐	6250.000					
5	☐	12500.000					
6	☐	25000.000					
7	☐	50000.000					
8	☐	250000.00					

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

	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19476.63	0.0043	P	3.7
2	☐	1.000	1.080	31383.20	0.0069	P	4.2
3	☐	500.000	510.821	5736135.41	1.2694	A	2.3
4	☐	1250.000	1249.860	14373948.96	3.0997	A	2.6
5	☐	2500.000	2494.927	28822898.13	6.1833	A	4.4
6	☐	5000.000	5339.227	58763598.19	13.2275	A	4.7
7	☐	10000.000	9831.131	118864335.98	24.3522	A	2.3
8	☐			79984.45	0.0163	P	1.1

$$y = 0.0025 * x + 0.0043$$

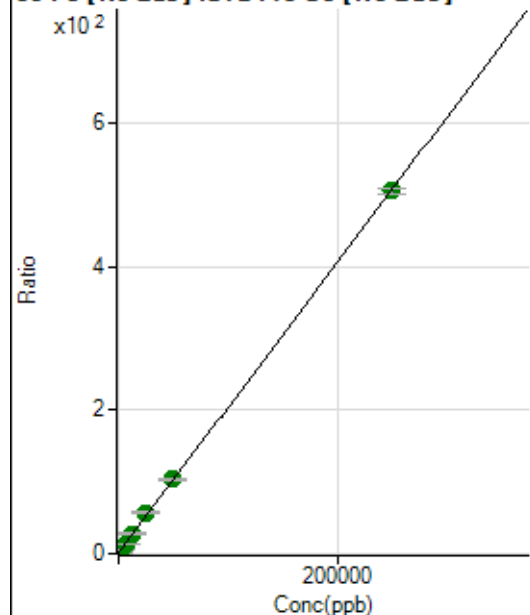
$$R = 0.9991$$

$$DL = 0.1924$$

$$BEC = 1.725$$

Weight: <None>

Min Conc: 0

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

	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5722784.93	1.2550	A	3.8
2	☐	50.000	63.214	6247640.23	1.3826	A	3.4
3	☐	2500.000	2655.939	29900999.11	6.6174	A	2.1
4	☐	6250.000	6466.929	66365839.34	14.3118	A	2.4
5	☐	12500.000	12969.716	127893216.21	27.4410	A	5.0
6	☐	25000.000	27867.182	255539513.84	57.5193	A	4.6
7	☐	50000.000	50539.952	504119294.87	103.296	A	3.0
8	☐	250000.00	249574.82	2486144270.0	505.150	A	1.8

$$y = 0.0020 * x + 1.2550$$

$$R = 0.9999$$

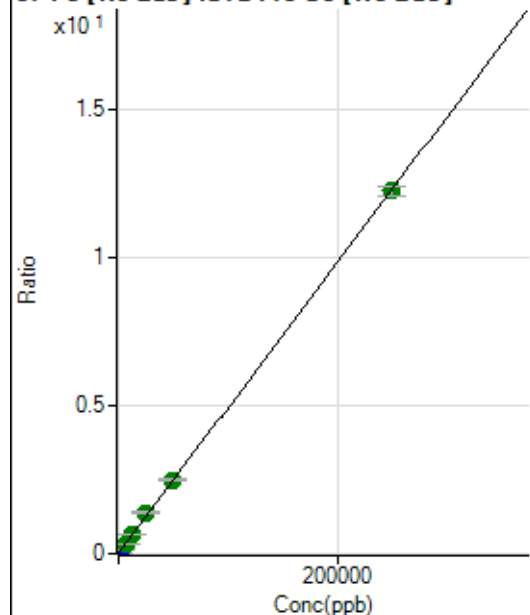
$$DL = 70.35$$

$$BEC = 621.6$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	70816.55	0.0155	P	3.3
2	☐	50.000	58.599	83151.72	0.0184	P	1.7
3	☐	2500.000	2738.450	676088.11	0.1496	P	3.1
4	☐	6250.000	6634.617	1578631.96	0.3405	A	2.9
5	☐	12500.000	13206.142	3087851.41	0.6623	A	3.7
6	☐	25000.000	27973.898	6150608.10	1.3856	A	7.0
7	☐	50000.000	50441.871	12130325.52	2.4860	A	3.2
8	☐	250000.00	249566.92	60229638.35	12.2382	A	2.7

$$y = 4.8976E-005 * x + 0.0155$$

R = 0.9999

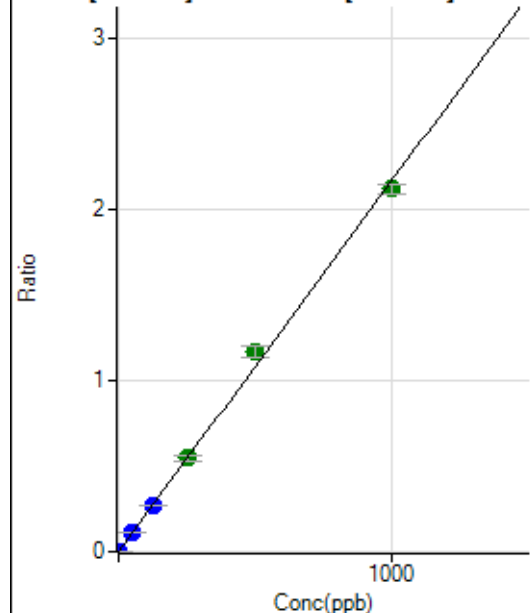
DL = 31.59

BEC = 317.1

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	477.17	0.0001	P	24.1
2	☐	1.000	1.024	10501.37	0.0023	P	5.1
3	☐	50.000	50.994	499868.50	0.1107	P	4.3
4	☐	125.000	123.934	1246593.06	0.2688	P	0.6
5	☐	250.000	252.667	2552906.77	0.5479	A	5.9
6	☐	500.000	540.491	5204554.79	1.1719	A	5.7
7	☐	1000.000	979.171	10361485.91	2.1229	A	2.3
8	☐			44324.34	0.0090	P	2.4

$$y = 0.0022 * x + 1.0466E-004$$

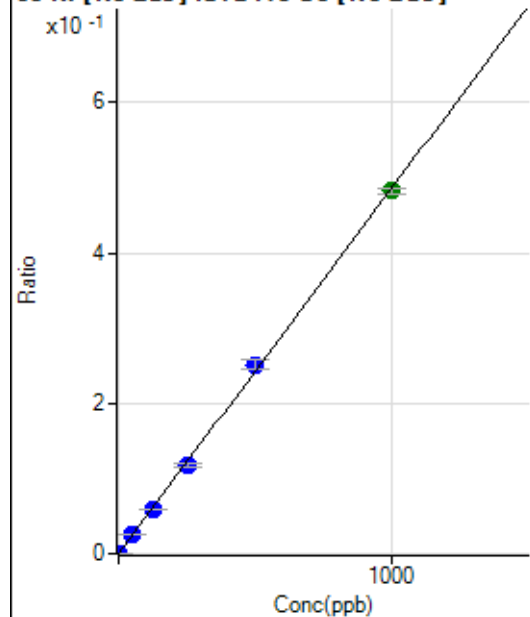
R = 0.9988

DL = 0.03485

BEC = 0.04827

Weight: <None>

Min Conc: 0

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

	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	170.18	0.0000	P	40.7
2	☐	1.000	1.015	2396.02	0.0005	P	9.9
3	☐	50.000	51.233	112566.68	0.0249	P	2.2
4	☐	125.000	122.393	275773.95	0.0595	P	0.1
5	☐	250.000	240.741	545041.45	0.1169	P	4.1
6	☐	500.000	518.025	1117329.31	0.2515	P	5.1
7	☐	1000.000	993.566	2354276.93	0.4824	A	1.9
8	☐			12625.28	0.0026	P	4.8

$$y = 4.8549\text{E-}004 * x + 3.7727\text{E-}005$$

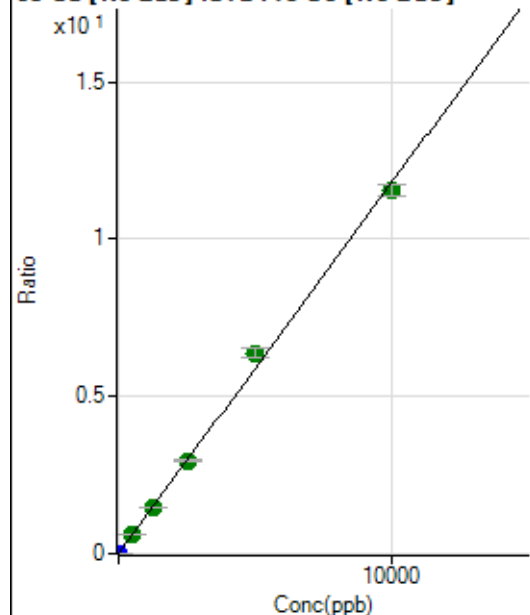
$$R = 0.9997$$

$$DL = 0.09494$$

$$BEC = 0.07771$$

Weight: <None>

Min Conc: 0

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

	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5543.35	0.0012	P	5.2
2	☐	2.000	2.077	16564.20	0.0037	P	1.4
3	☐	500.000	530.192	2829458.01	0.6262	A	2.6
4	☐	1250.000	1248.999	6833012.95	1.4735	A	2.6
5	☐	2500.000	2513.995	13824838.96	2.9647	A	3.3
6	☐	5000.000	5418.281	28370387.63	6.3883	A	5.6
7	☐	10000.000	9785.977	56296318.60	11.5370	A	3.2
8	☐			83821.32	0.0170	P	7.3

$$y = 0.0012 * x + 0.0012$$

$$R = 0.9987$$

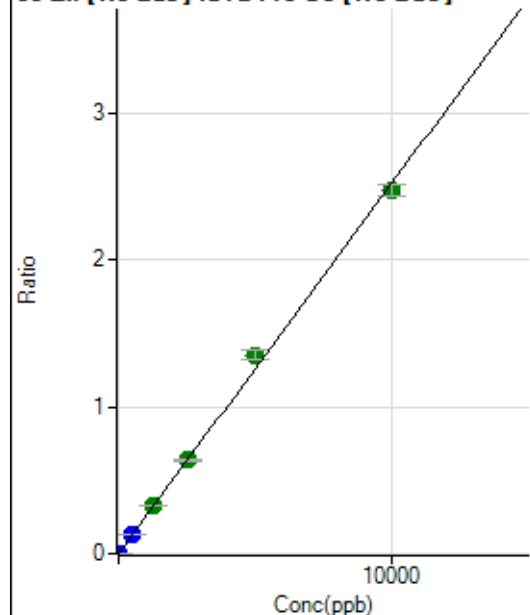
$$DL = 0.1611$$

$$BEC = 1.032$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	630.67	0.0001	P	12.9
2	☐	2.000	2.394	3353.85	0.0007	P	4.7
3	☐	500.000	515.202	587375.06	0.1300	P	1.6
4	☐	1250.000	1302.388	1522733.49	0.3284	A	2.6
5	☐	2500.000	2526.183	2969444.81	0.6368	A	3.3
6	☐	5000.000	5363.784	6005341.28	1.3520	A	5.1
7	☐	10000.000	9804.253	12058278.69	2.4712	A	3.2
8	☐			18524.52	0.0038	P	2.2

$$y = 2.5204\text{E-}004 * x + 1.3845\text{E-}004$$

$$R = 0.9990$$

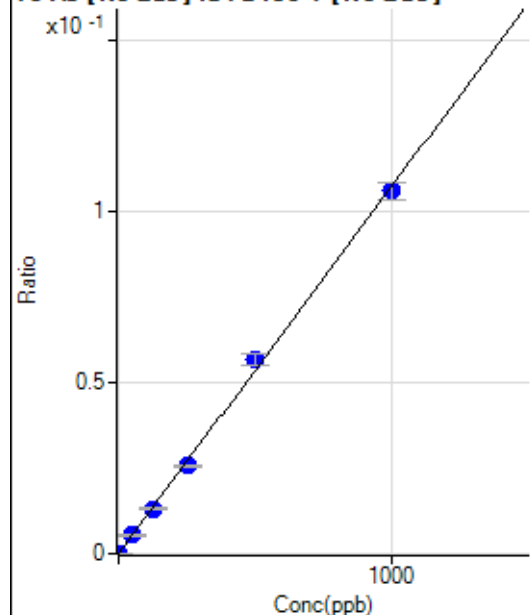
$$DL = 0.2129$$

$$BEC = 0.5493$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	180.56	0.0000	P	3.8
2	☐	1.000	0.963	1202.87	0.0001	P	12.5
3	☐	50.000	50.785	54500.37	0.0055	P	4.9
4	☐	125.000	122.573	134564.37	0.0131	P	1.4
5	☐	250.000	239.599	269419.42	0.0257	P	2.7
6	☐	500.000	528.612	551342.90	0.0566	P	6.5
7	☐	1000.000	988.558	1130030.78	0.1058	P	4.5
8	☐			911.17	0.0001	P	4.0

$$y = 1.0703\text{E-}004 * x + 1.8035\text{E-}005$$

$$R = 0.9993$$

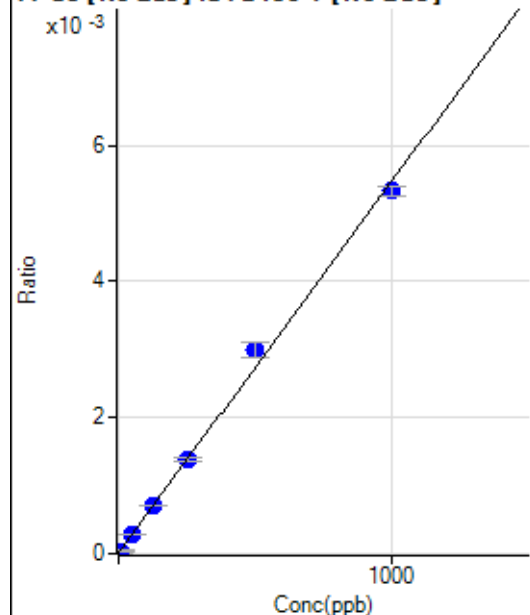
$$DL = 0.01939$$

$$BEC = 0.1685$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	100.10	0.0000	P	1.2
2	☐	5.000	5.341	387.07	0.0000	P	21.2
3	☐	50.000	50.393	2846.55	0.0003	P	6.3
4	☐	125.000	128.075	7256.02	0.0007	P	0.3
5	☐	250.000	252.897	14575.87	0.0014	P	4.9
6	☐	500.000	546.936	29130.12	0.0030	P	7.7
7	☐	1000.000	975.402	56916.19	0.0053	P	2.5
8	☐			130.13	0.0000	P	21.0

$$y = 5.4518\text{E-}006 * x + 9.9966\text{E-}006$$

$$R = 0.9983$$

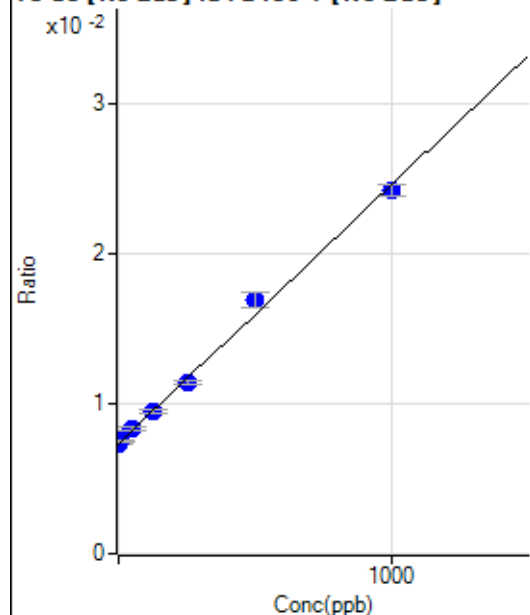
$$DL = 0.06614$$

$$BEC = 1.834$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	73501.75	0.0073	P	2.0
2	☐	5.000	9.750	74478.33	0.0075	P	1.8
3	☐	50.000	54.695	82799.18	0.0083	P	3.4
4	☐	125.000	123.726	97019.98	0.0095	P	1.5
5	☐	250.000	234.010	119402.71	0.0114	P	1.9
6	☐	500.000	556.168	164886.46	0.0169	P	5.9
7	☐	1000.000	975.814	257941.32	0.0241	P	3.3
8	☐			73646.70	0.0068	P	2.2

$$y = 1.7226\text{E-}005 * x + 0.0073$$

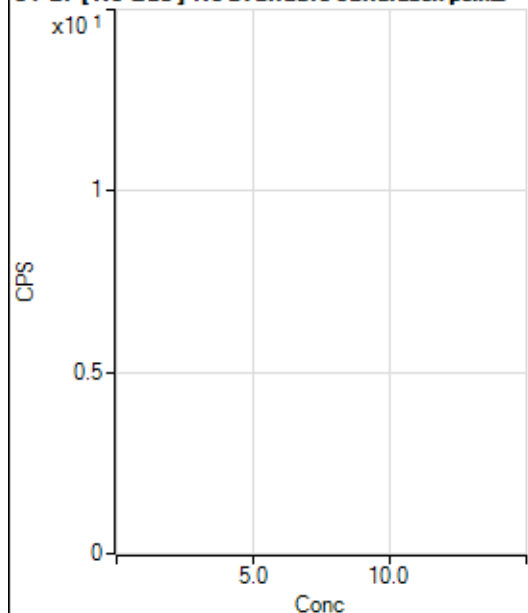
$$R = 0.9975$$

$$DL = 25.23$$

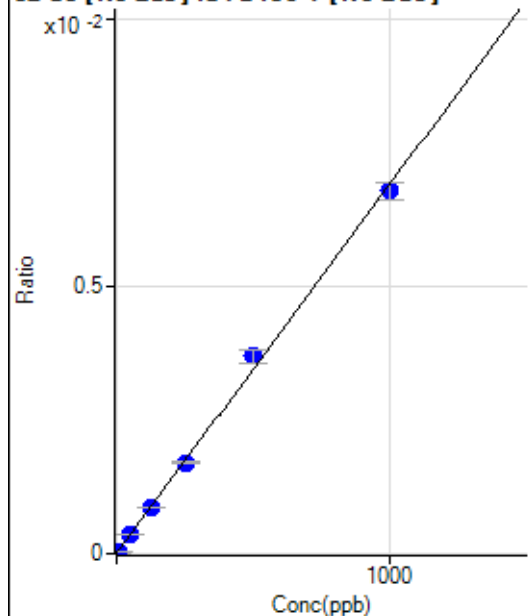
$$BEC = 426.1$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			13680.80		P	2.1
2	☐			14432.35		P	3.7
3	☐			15016.98		P	1.6
4	☐			14916.83		P	7.5
5	☐			14676.15		P	3.4
6	☐			15013.53		P	5.3
7	☐			15067.04		P	5.4
8	☐			14893.34		P	2.7

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

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	54.17	0.0000	P	20.4
2	☐	5.000	4.820	382.89	0.0000	P	12.8
3	☐	50.000	51.231	3581.46	0.0004	P	3.2
4	☐	125.000	123.825	8790.03	0.0009	P	2.5
5	☐	250.000	246.573	17886.71	0.0017	P	2.4
6	☐	500.000	535.300	35959.90	0.0037	P	7.0
7	☐	1000.000	983.293	72373.46	0.0068	P	4.5
8	☐			96.24	0.0000	P	51.0

$$y = 6.8872E-006 * x + 5.4064E-006$$

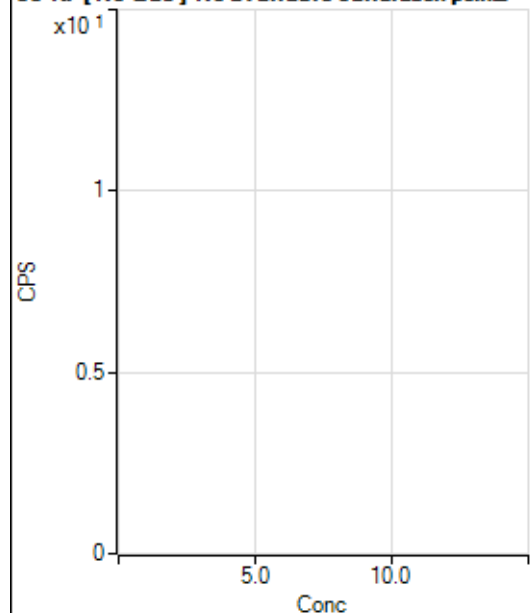
$$R = 0.9991$$

$$DL = 0.4808$$

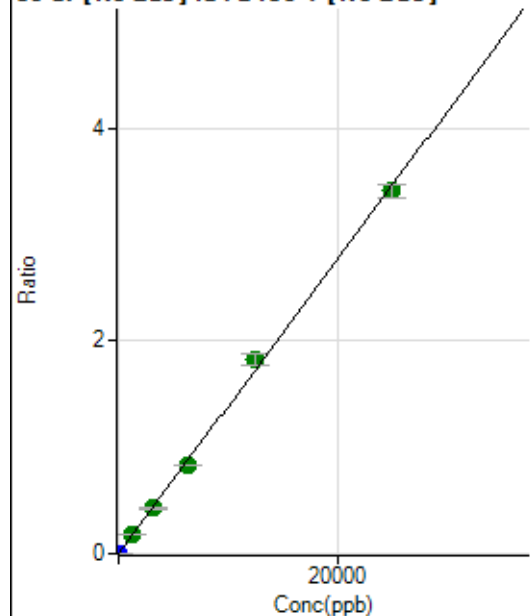
$$BEC = 0.785$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			681.60		P	0.4
2	☐			692.43		P	4.5
3	☐			733.68		P	1.2
4	☐			709.10		P	5.1
5	☐			698.68		P	6.3
6	☐			734.51		P	2.6
7	☐			696.18		P	3.6
8	☐			726.18		P	3.2

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

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1161.19	0.0001	P	3.8
2	☐	1.000	0.868	2339.15	0.0002	P	9.6
3	☐	1250.000	1286.388	1780014.23	0.1780	A	2.7
4	☐	3125.000	3090.465	4379743.11	0.4275	A	1.7
5	☐	6250.000	6021.568	8746973.63	0.8329	A	1.3
6	☐	12500.000	13244.657	17854866.20	1.8319	A	5.5
7	☐	25000.000	24687.277	36466685.54	3.4145	A	3.9
8	☐			11933.25	0.0011	P	2.6

$$y = 1.3831E-004 * x + 1.1593E-004$$

$$R = 0.9993$$

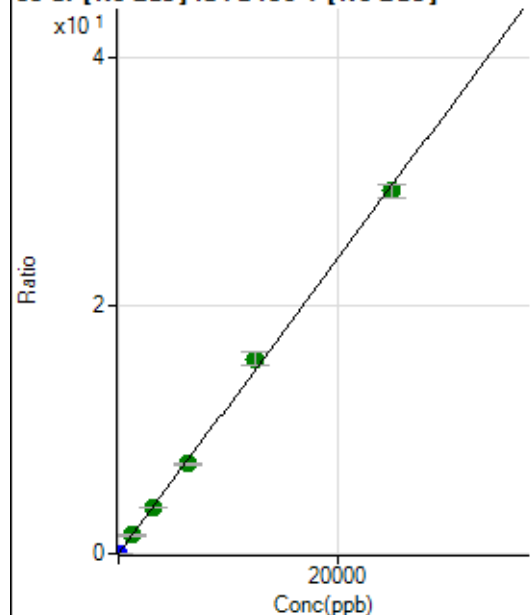
$$DL = 0.09659$$

$$BEC = 0.8382$$

Weight: <None>

Min Conc: 0

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	161.12	0.0000	P	17.3
2	☐	1.000	1.010	12041.63	0.0012	P	4.5
3	☐	1250.000	1267.714	15033756.24	1.5042	A	4.3
4	☐	3125.000	3129.211	38035593.21	3.7129	A	0.4
5	☐	6250.000	6102.304	76020192.67	7.2405	A	2.4
6	☐	12500.000	13243.249	153077474.25	15.7134	A	6.7
7	☐	25000.000	24663.887	312528745.87	29.2642	A	3.8
8	☐			92037.86	0.0085	P	2.7

$$y = 0.0012 * x + 1.6101E-005$$

$$R = 0.9993$$

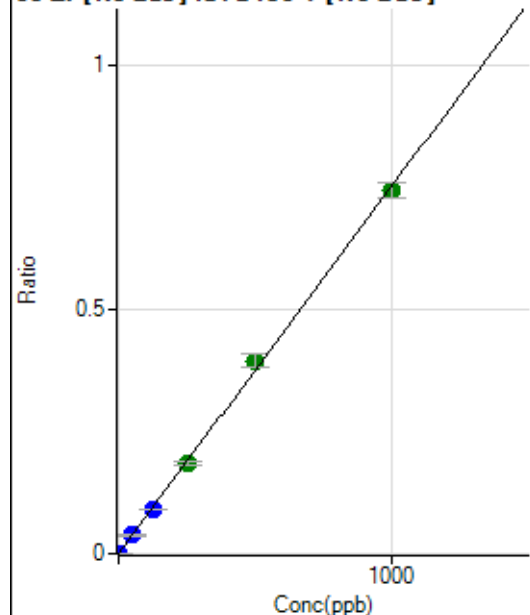
$$DL = 0.007026$$

$$BEC = 0.01357$$

Weight: <None>

Min Conc: 0

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	411.13	0.0000	P	6.0
2	☐	1.000	0.958	7538.37	0.0008	P	4.0
3	☐	50.000	50.056	376003.94	0.0376	P	3.2
4	☐	125.000	121.888	937680.29	0.0915	P	0.4
5	☐	250.000	245.997	1938965.30	0.1847	A	3.1
6	☐	500.000	526.316	3846588.63	0.3951	A	7.8
7	☐	1000.000	988.229	7921802.00	0.7418	A	4.2
8	☐			4014.59	0.0004	P	10.1

$$y = 7.5055E-004 * x + 4.1034E-005$$

$$R = 0.9995$$

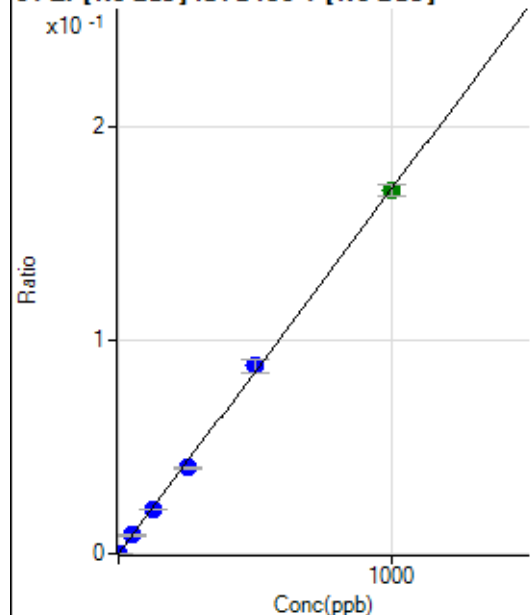
$$DL = 0.00978$$

$$BEC = 0.05467$$

Weight: <None>

Min Conc: 0

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	113.89	0.0000	P	34.3
2	☐	1.000	0.899	1633.48	0.0002	P	1.4
3	☐	50.000	50.139	85521.14	0.0086	P	3.7
4	☐	125.000	120.176	209891.36	0.0205	P	0.5
5	☐	250.000	237.245	424566.48	0.0404	P	2.4
6	☐	500.000	516.151	856509.97	0.0880	P	7.5
7	☐	1000.000	995.710	1812364.19	0.1697	A	3.1
8	☐			961.16	0.0001	P	8.5

$$y = 1.7040\text{E-}004 * x + 1.1385\text{E-}005$$

$$R = 0.9997$$

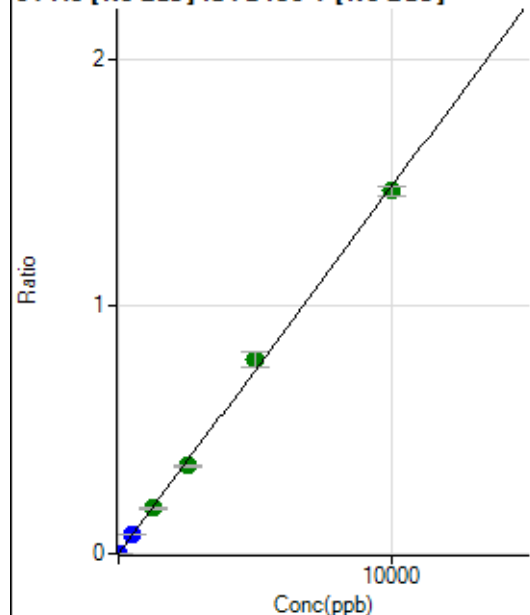
$$DL = 0.06877$$

$$BEC = 0.06682$$

Weight: <None>

Min Conc: 0

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	150.01	0.0000	P	40.9
2	☐	5.000	5.986	8955.90	0.0009	P	3.8
3	☐	500.000	506.735	751534.58	0.0752	P	2.5
4	☐	1250.000	1238.634	1881680.36	0.1837	A	2.4
5	☐	2500.000	2392.509	3725454.21	0.3548	A	1.7
6	☐	5000.000	5289.584	7638631.68	0.7844	A	7.3
7	☐	10000.000	9883.164	15654520.32	1.4656	A	3.0
8	☐			4976.06	0.0005	P	6.2

$$y = 1.4829\text{E-}004 * x + 1.5028\text{E-}005$$

$$R = 0.9993$$

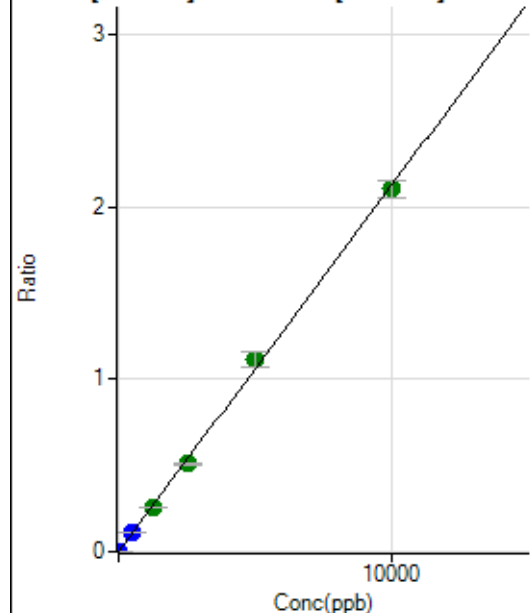
$$DL = 0.1244$$

$$BEC = 0.1013$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	72.22	0.0000	P	41.2
2	☐	5.000	4.832	10245.68	0.0010	P	4.0
3	☐	500.000	507.848	1077974.15	0.1078	P	2.6
4	☐	1250.000	1215.646	2643578.32	0.2581	A	2.2
5	☐	2500.000	2391.784	5331009.67	0.5077	A	2.1
6	☐	5000.000	5249.080	10851157.88	1.1143	A	7.3
7	☐	10000.000	9906.416	22453220.29	2.1029	A	5.1
8	☐			5670.78	0.0005	P	8.6

$$y = 2.1228\text{E-}004 * x + 7.2320\text{E-}006$$

$$R = 0.9995$$

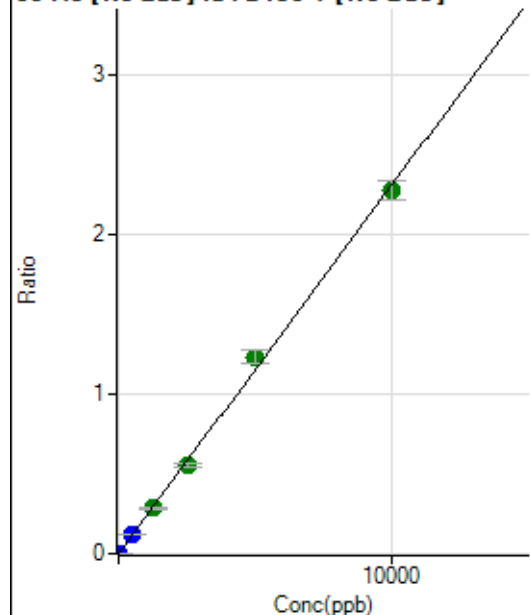
$$DL = 0.04211$$

$$BEC = 0.03407$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	155.56	0.0000	P	20.4
2	☐	5.000	5.073	11744.13	0.0012	P	3.2
3	☐	500.000	504.790	1162595.64	0.1163	P	3.4
4	☐	1250.000	1239.169	2923491.49	0.2855	A	2.8
5	☐	2500.000	2410.606	5829195.18	0.5553	A	4.0
6	☐	5000.000	5344.410	11989237.16	1.2311	A	7.3
7	☐	10000.000	9851.258	24226889.08	2.2692	A	5.5
8	☐			10540.45	0.0010	P	9.0

$$y = 2.3035\text{E-}004 * x + 1.5509\text{E-}005$$

$$R = 0.9991$$

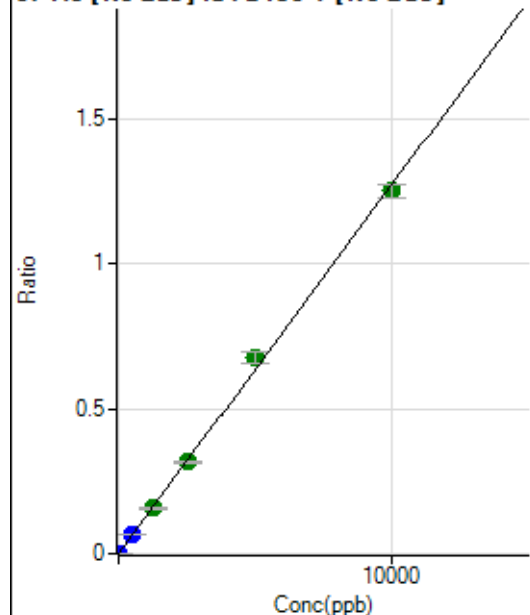
$$DL = 0.04126$$

$$BEC = 0.06733$$

Weight: <None>

Min Conc: 0

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0000	P	13.5
2	☐	5.000	5.025	6382.19	0.0006	P	2.2
3	☐	500.000	514.740	655019.55	0.0655	P	3.8
4	☐	1250.000	1240.275	1616911.48	0.1579	A	2.9
5	☐	2500.000	2479.270	3313157.30	0.3156	A	3.6
6	☐	5000.000	5325.677	6604696.33	0.6779	A	6.4
7	☐	10000.000	9842.823	13381171.57	1.2529	A	3.7
8	☐			3600.58	0.0003	P	4.5

$$y = 1.2729E-004 * x + 3.8875E-006$$

$$R = 0.9992$$

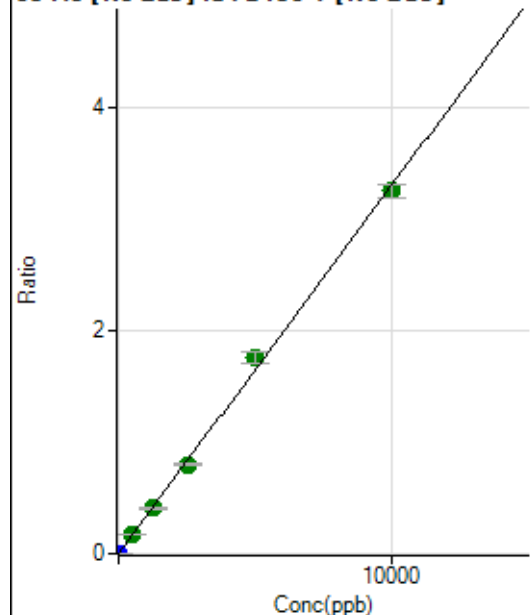
$$DL = 0.01234$$

$$BEC = 0.03054$$

Weight: <None>

Min Conc: 0

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	80.56	0.0000	P	20.3
2	☐	5.000	5.020	16501.92	0.0017	P	4.6
3	☐	500.000	511.318	1686167.55	0.1687	A	4.7
4	☐	1250.000	1236.766	4178708.12	0.4080	A	3.0
5	☐	2500.000	2426.305	8404886.82	0.8005	A	2.9
6	☐	5000.000	5327.240	17122905.76	1.7575	A	6.5
7	☐	10000.000	9855.892	34725499.39	3.2516	A	3.9
8	☐			8914.23	0.0008	P	6.2

$$y = 3.2991E-004 * x + 8.0318E-006$$

$$R = 0.9992$$

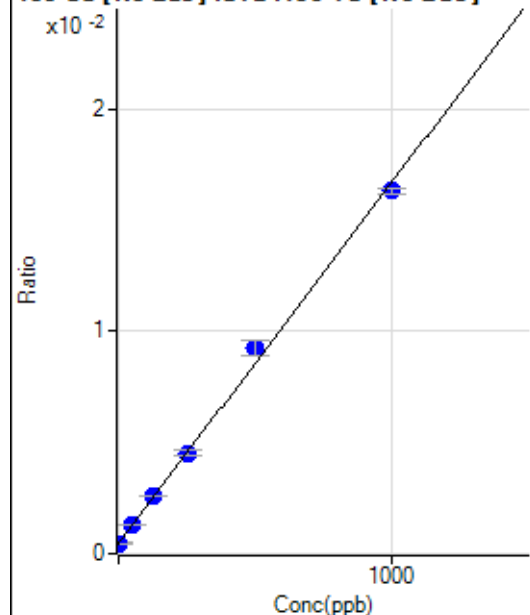
$$DL = 0.01484$$

$$BEC = 0.02435$$

Weight: <None>

Min Conc: 0

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2469.73	0.0005	P	9.1
2	☐	1.000	-0.708	2475.30	0.0005	P	9.1
3	☐	50.000	50.449	7024.19	0.0013	P	0.5
4	☐	125.000	132.021	14179.88	0.0026	P	2.5
5	☐	250.000	250.913	26462.12	0.0045	P	5.3
6	☐	500.000	543.420	50621.43	0.0093	P	7.6
7	☐	1000.000	977.163	98200.18	0.0163	P	1.9
8	☐			2705.91	0.0004	P	4.3

$$y = 1.6232\text{E-}005 * x + 4.6378\text{E-}004$$

R = 0.9986

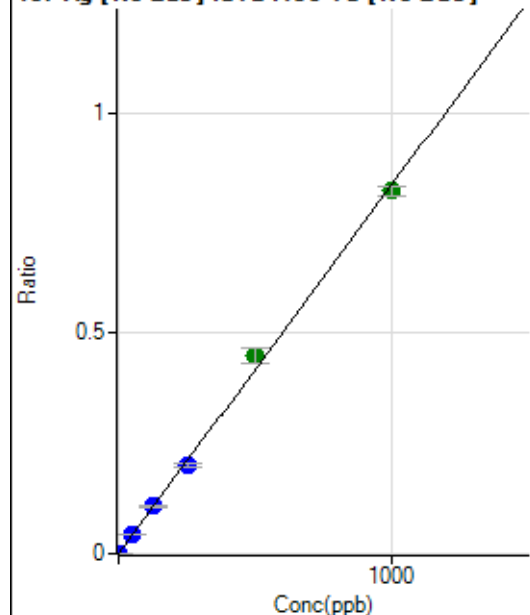
DL = 7.774

BEC = 28.57

Weight: <None>

Min Conc: 0

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	116.67	0.0000	P	14.7
2	☐	1.000	0.985	4623.12	0.0008	P	4.2
3	☐	50.000	50.749	232153.40	0.0424	P	2.1
4	☐	125.000	128.464	583693.48	0.1073	P	2.0
5	☐	250.000	239.873	1168934.43	0.2003	P	4.3
6	☐	500.000	534.952	2435521.76	0.4467	A	7.8
7	☐	1000.000	984.585	4945450.94	0.8222	A	2.5
8	☐			7538.39	0.0012	P	4.1

$$y = 8.3503\text{E-}004 * x + 2.1923\text{E-}005$$

R = 0.9990

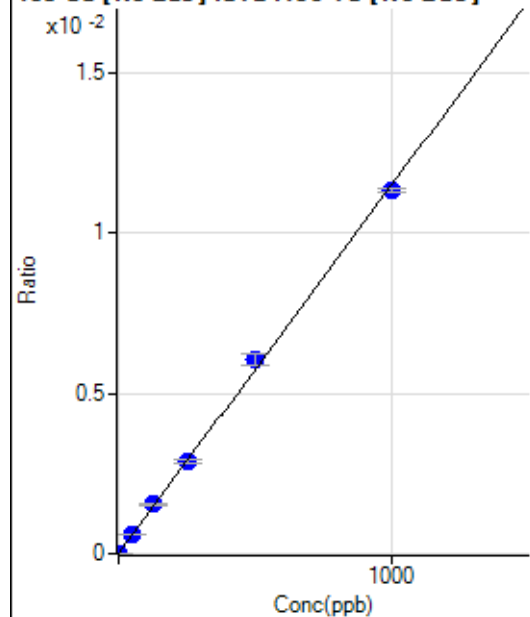
DL = 0.01161

BEC = 0.02625

Weight: <None>

Min Conc: 0

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	23.61	0.0000	P	35.4
2	☐	1.000	0.988	86.11	0.0000	P	29.6
3	☐	50.000	51.648	3274.04	0.0006	P	4.8
4	☐	125.000	133.417	8359.59	0.0015	P	3.2
5	☐	250.000	249.761	16758.95	0.0029	P	5.5
6	☐	500.000	528.317	33137.19	0.0061	P	6.0
7	☐	1000.000	984.767	68075.96	0.0113	P	1.1
8	☐			41.67	0.0000	P	43.6

$$y = 1.1487\text{E-}005 * x + 4.4189\text{E-}006$$

$$R = 0.9994$$

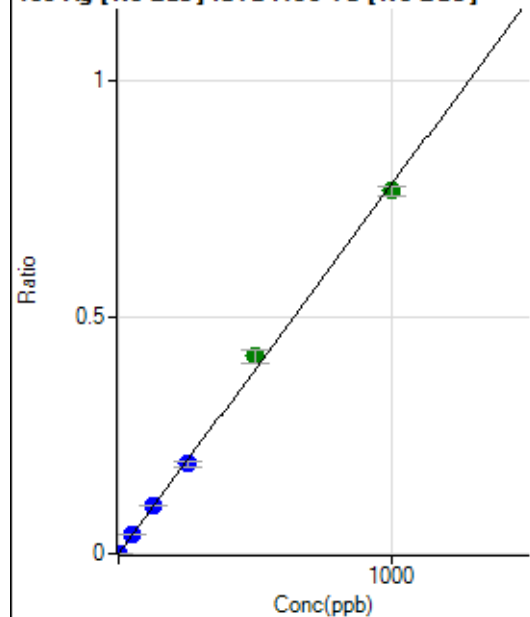
$$DL = 0.4082$$

$$BEC = 0.3847$$

Weight: <None>

Min Conc: 0

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	72.23	0.0000	P	11.9
2	☐	1.000	1.061	4612.01	0.0008	P	4.9
3	☐	50.000	52.536	224722.97	0.0410	P	2.9
4	☐	125.000	130.616	555121.72	0.1020	P	1.1
5	☐	250.000	243.580	1109740.65	0.1903	P	5.4
6	☐	500.000	535.028	2279789.89	0.4179	A	6.3
7	☐	1000.000	983.262	4619290.68	0.7680	A	3.0
8	☐			7057.57	0.0012	P	1.9

$$y = 7.8101\text{E-}004 * x + 1.3527\text{E-}005$$

$$R = 0.9991$$

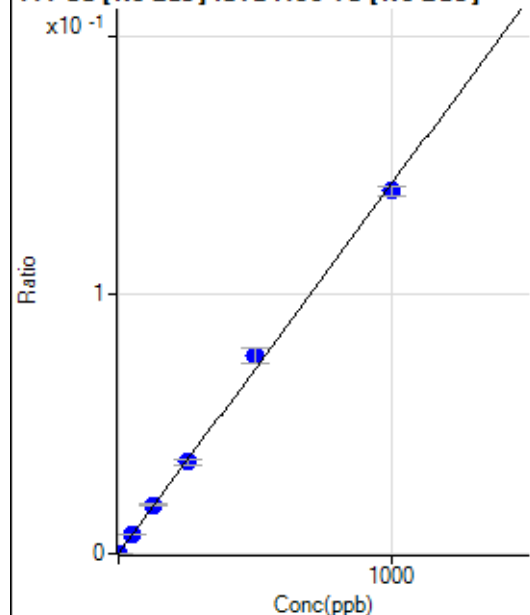
$$DL = 0.006157$$

$$BEC = 0.01732$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	248.50	0.0000	P	6.8
2	☐	1.000	1.024	1055.35	0.0002	P	5.4
3	☐	50.000	52.154	41006.95	0.0075	P	1.3
4	☐	125.000	132.036	102766.91	0.0189	P	0.8
5	☐	250.000	246.929	205844.61	0.0353	P	4.6
6	☐	500.000	536.544	417682.92	0.0766	P	7.8
7	☐	1000.000	981.508	842699.69	0.1401	P	2.9
8	☐			452.53	0.0001	P	7.0

$$y = 1.4269\text{E-}004 * x + 4.6647\text{E-}005$$

$$R = 0.9990$$

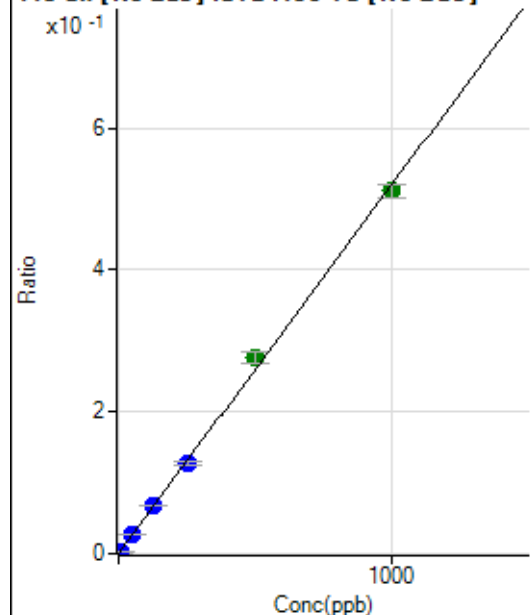
$$DL = 0.06677$$

$$BEC = 0.3269$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	780.61	0.0001	P	10.5
2	☐	5.000	4.871	14652.70	0.0027	P	4.9
3	☐	50.000	52.040	148794.88	0.0272	P	2.7
4	☐	125.000	129.545	366816.09	0.0674	P	2.3
5	☐	250.000	244.324	741305.57	0.1270	P	4.5
6	☐	500.000	532.857	1510598.16	0.2769	A	6.5
7	☐	1000.000	984.321	3075707.32	0.5114	A	3.8
8	☐			3203.25	0.0005	P	3.2

$$y = 5.1939\text{E-}004 * x + 1.4614\text{E-}004$$

$$R = 0.9992$$

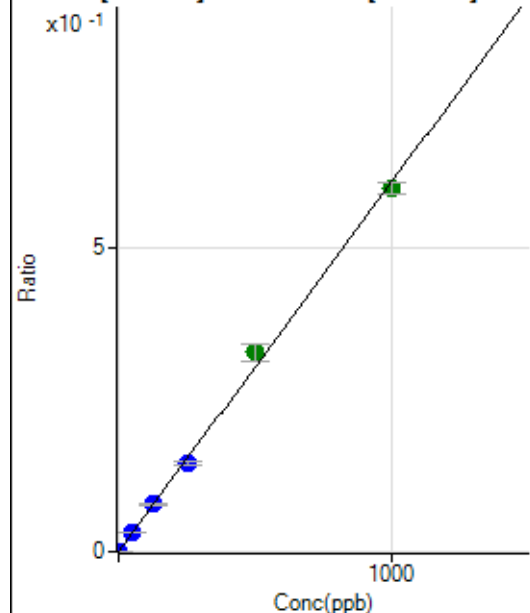
$$DL = 0.0888$$

$$BEC = 0.2814$$

Weight: <None>

Min Conc: 0

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	61.11	0.0000	P	12.0
2	☐	2.000	2.005	6732.40	0.0012	P	2.7
3	☐	50.000	51.036	169778.61	0.0310	P	2.6
4	☐	125.000	128.546	424755.94	0.0781	P	2.3
5	☐	250.000	239.958	850620.03	0.1457	P	3.8
6	☐	500.000	540.173	1788214.17	0.3281	A	8.3
7	☐	1000.000	981.929	3587111.67	0.5964	A	3.1
8	☐			3672.81	0.0006	P	8.0

$$y = 6.0734\text{E-}004 * x + 1.1487\text{E-}005$$

$$R = 0.9987$$

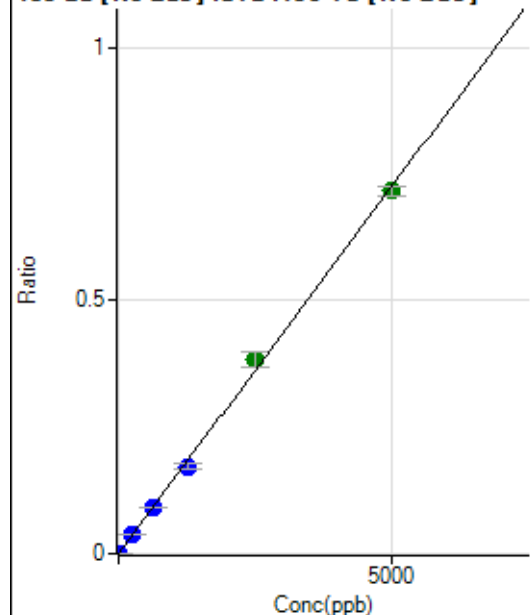
$$DL = 0.00678$$

$$BEC = 0.01891$$

Weight: <None>

Min Conc: 0

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.89	0.0000	P	36.4
2	☐	10.000	9.646	7674.60	0.0014	P	3.5
3	☐	250.000	254.078	201809.49	0.0369	P	1.2
4	☐	625.000	633.433	499805.06	0.0919	P	2.2
5	☐	1250.000	1181.616	999279.24	0.1714	P	6.5
6	☐	2500.000	2644.624	2091566.41	0.3836	A	7.4
7	☐	5000.000	4943.526	4312634.30	0.7170	A	2.9
8	☐			1927.97	0.0003	P	7.4

$$y = 1.4504\text{E-}004 * x + 2.6182\text{E-}006$$

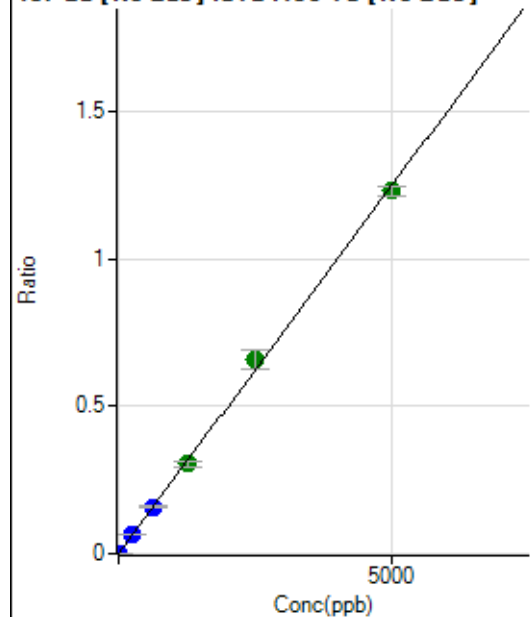
$$R = 0.9993$$

$$DL = 0.01971$$

$$BEC = 0.01805$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.55	0.0000	P	12.2
2	☐	10.000	9.555	13103.89	0.0024	P	4.8
3	☐	250.000	254.898	348781.00	0.0637	P	2.5
4	☐	625.000	640.244	870481.34	0.1600	P	1.3
5	☐	1250.000	1219.669	1778019.26	0.3048	A	5.0
6	☐	2500.000	2645.053	3600979.33	0.6610	A	9.3
7	☐	5000.000	4932.907	7414487.67	1.2327	A	2.8
8	☐			3422.75	0.0006	P	6.4

$$y = 2.4988E-004 * x + 5.7077E-006$$

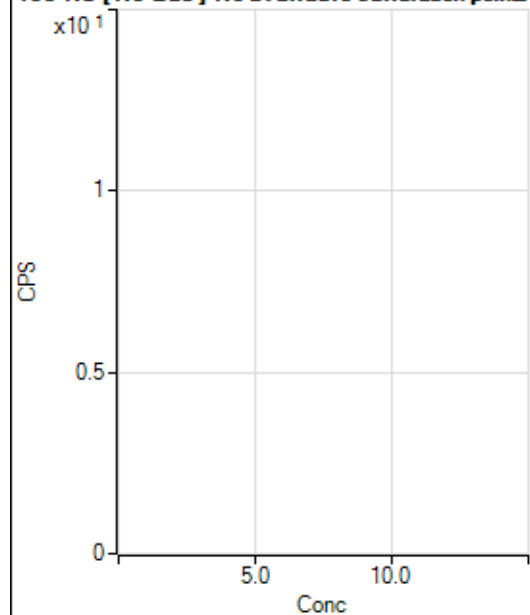
$$R = 0.9994$$

$$DL = 0.008382$$

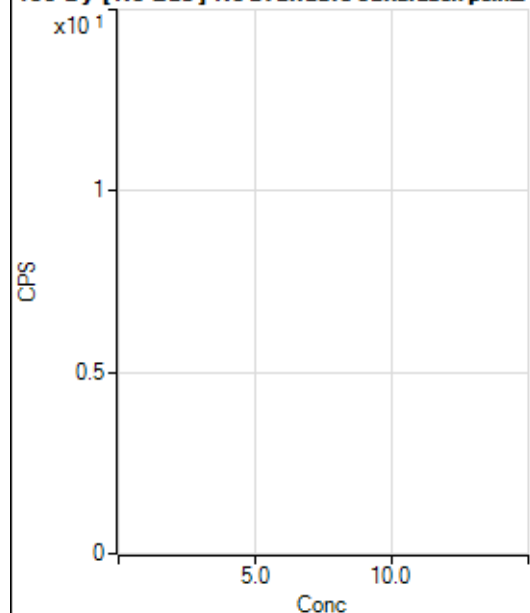
$$BEC = 0.02284$$

Weight: <None>

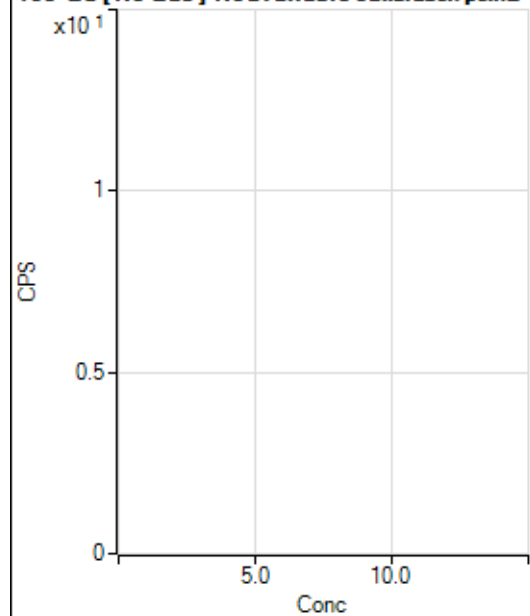
Min Conc: 0

150 Nd [No Gas] No available calibration points

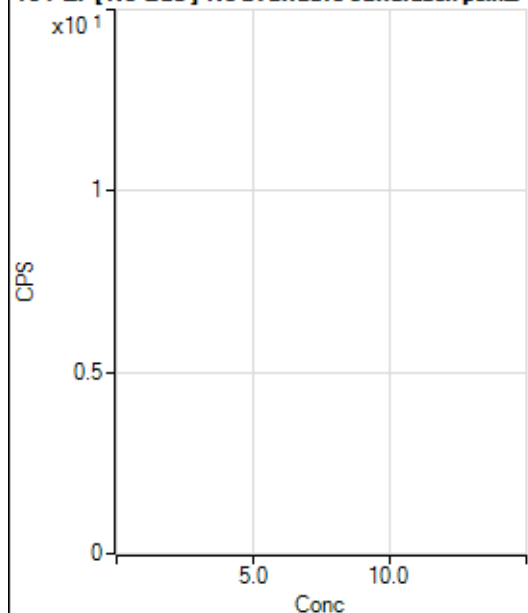
	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			6.67		P	0.0
2	☐			13.33		P	50.0
3	☐			22.22		P	17.3
4	☐			33.33		P	34.6
5	☐			68.89		P	14.8
6	☐			100.00		P	6.7
7	☐			193.34		P	15.8
8	☐			53.33		P	33.1

156 Dy [No Gas] No available calibration points

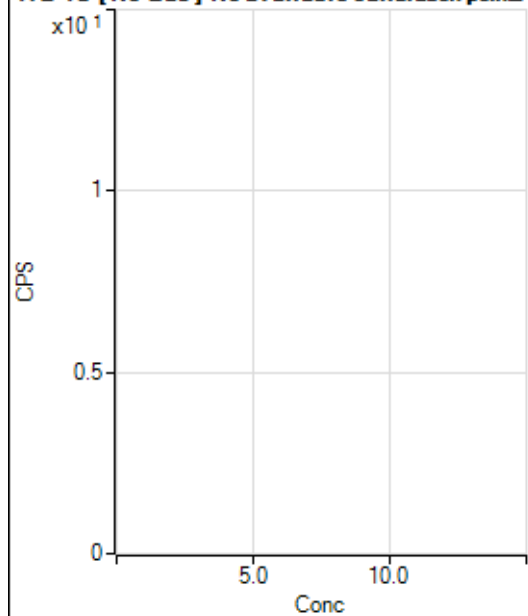
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			11.11		P	86.6
2	☐			19.45		P	24.7
3	☐			25.00		P	66.7
4	☐			22.22		P	78.1
5	☐			75.00		P	11.1
6	☐			58.33		P	24.7
7	☐			141.67		P	27.0
8	☐			402.80		P	1.2

160 Gd [No Gas] No available calibration points

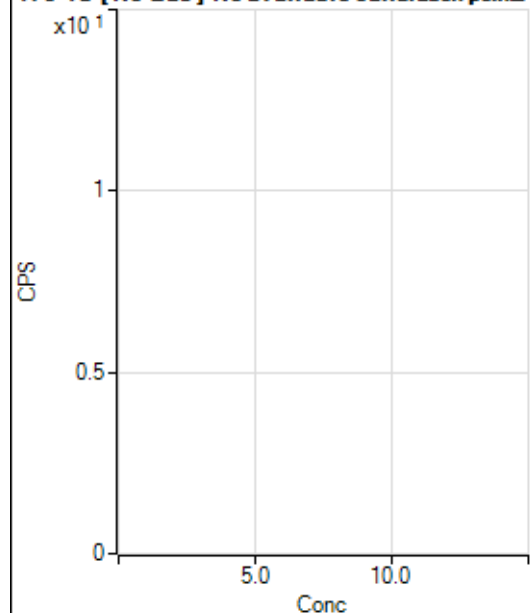
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			41.67		P	52.9
2	☐			47.22		P	36.7
3	☐			58.33		P	57.1
4	☐			75.00		P	22.2
5	☐			63.89		P	30.1
6	☐			80.56		P	31.6
7	☐			116.67		P	7.1
8	☐			344.46		P	7.8

164 Er [No Gas] No available calibration points

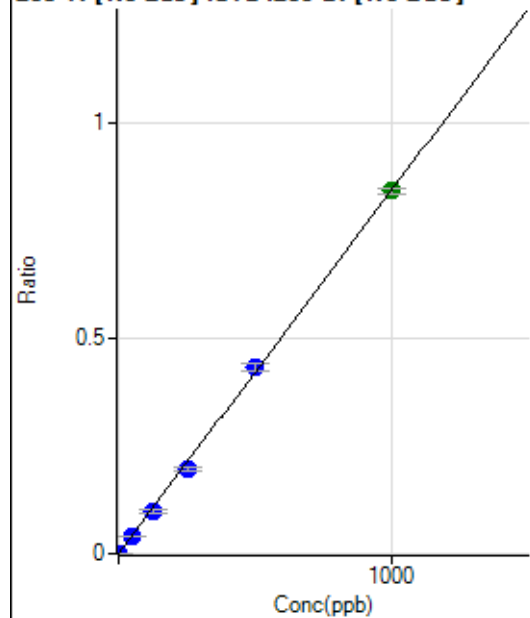
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			22.22		P	43.3
2	☐			41.67		P	20.0
3	☐			30.56		P	56.8
4	☐			33.33		P	75.0
5	☐			44.45		P	10.8
6	☐			25.00		P	57.7
7	☐			44.44		P	21.7
8	☐			55.56		P	34.6

172 Yb [No Gas] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			36.11		P	35.3
2	☐			61.11		P	28.4
3	☐			44.45		P	10.8
4	☐			44.44		P	28.6
5	☐			36.11		P	113.
6	☐			36.11		P	13.3
7	☐			63.89		P	49.4
8	☐			86.11		P	36.6

176 Yb [No Gas] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			680.59		P	5.5
2	☐			694.48		P	11.5
3	☐			969.50		P	13.5
4	☐			1436.23		P	7.7
5	☐			2103.01		P	1.6
6	☐			3464.44		P	4.1
7	☐			6501.78		P	1.0
8	☐			741.71		P	5.8

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

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	427.80	0.0002	P	29.0
2	☐	1.000	0.868	2403.08	0.0009	P	6.8
3	☐	50.000	49.004	112220.27	0.0415	P	3.0
4	☐	125.000	116.418	276356.08	0.0983	P	6.2
5	☐	250.000	231.720	561093.89	0.1955	P	5.5
6	☐	500.000	514.051	1147238.07	0.4336	P	4.0
7	☐	1000.000	998.667	2472826.75	0.8422	A	1.6
8	☐			1150.09	0.0004	P	12.5

$$y = 8.4318\text{E-}004 * x + 1.5906\text{E-}004$$

$$R = 0.9997$$

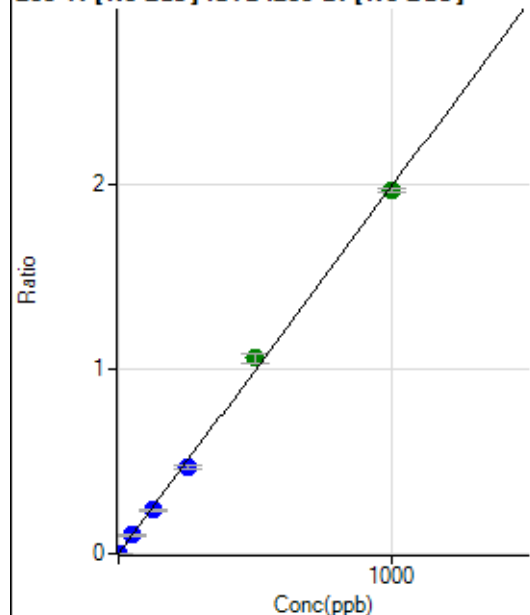
$$DL = 0.164$$

$$BEC = 0.1886$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	775.04	0.0003	P	8.9
2	☐	1.000	0.942	5812.59	0.0022	P	4.2
3	☐	50.000	49.729	267859.04	0.0990	P	4.0
4	☐	125.000	118.644	663525.61	0.2359	P	3.1
5	☐	250.000	234.442	1337335.30	0.4659	P	3.7
6	☐	500.000	532.951	2800630.01	1.0587	A	4.5
7	☐	1000.000	988.222	5762784.16	1.9628	A	0.9
8	☐			2611.45	0.0009	P	1.0

$$y = 0.0020 * x + 2.8728E-004$$

$$R = 0.9991$$

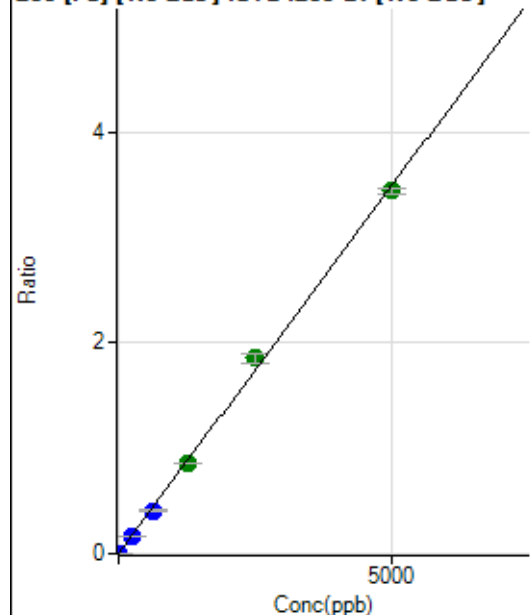
$$DL = 0.03873$$

$$BEC = 0.1447$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	527.22	0.0002	P	2.1
2	☐	1.000	0.960	2329.30	0.0009	P	7.0
3	☐	250.000	243.868	461253.95	0.1705	P	2.4
4	☐	625.000	580.878	1141489.36	0.4058	P	3.6
5	☐	1250.000	1225.410	2458621.53	0.8559	A	1.4
6	☐	2500.000	2656.021	4906575.10	1.8549	A	4.7
7	☐	5000.000	4933.959	10117496.83	3.4456	A	1.4
8	☐			2339.32	0.0008	P	9.3

$$y = 6.9831E-004 * x + 1.9530E-004$$

$$R = 0.9992$$

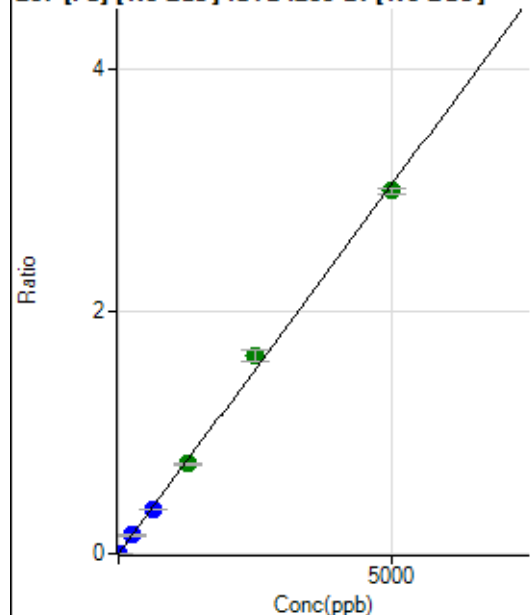
$$DL = 0.01732$$

$$BEC = 0.2797$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	493.85	0.0002	P	5.9
2	☐	1.000	0.839	1865.40	0.0007	P	11.5
3	☐	250.000	249.265	410687.24	0.1518	P	3.6
4	☐	625.000	597.404	1023014.62	0.3637	P	2.6
5	☐	1250.000	1217.595	2128070.91	0.7410	A	2.1
6	☐	2500.000	2683.463	4317584.98	1.6329	A	5.7
7	☐	5000.000	4919.856	8788673.68	2.9935	A	1.8
8	☐			2132.39	0.0007	P	5.1

$$y = 6.0842\text{E-}004 * x + 1.8282\text{E-}004$$

$$R = 0.9990$$

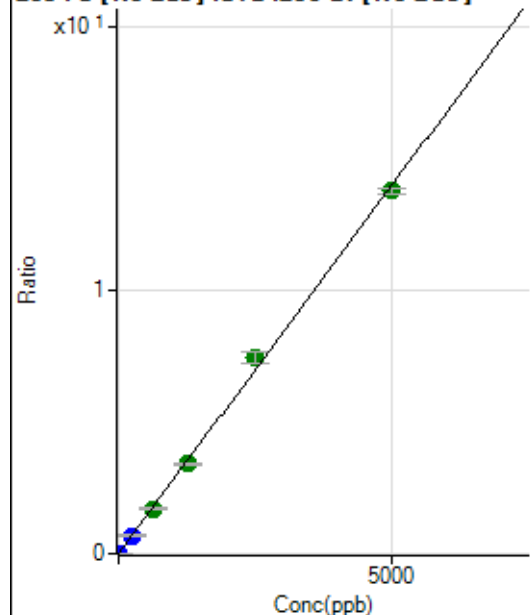
$$DL = 0.05293$$

$$BEC = 0.3005$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2165.59	0.0008	P	3.5
2	☐	1.000	0.912	9012.35	0.0033	P	6.5
3	☐	250.000	245.267	1853908.47	0.6854	P	3.4
4	☐	625.000	607.535	4772637.72	1.6965	A	3.0
5	☐	1250.000	1216.856	9756454.89	3.3972	A	2.2
6	☐	2500.000	2660.371	19637465.29	7.4263	A	5.6
7	☐	5000.000	4930.521	40409171.91	13.7626	A	1.5
8	☐			9185.65	0.0032	P	5.6

$$y = 0.0028 * x + 8.0214\text{E-}004$$

$$R = 0.9992$$

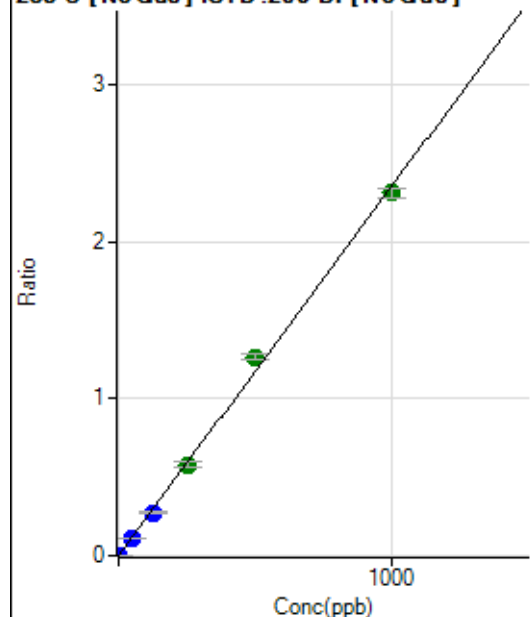
$$DL = 0.0303$$

$$BEC = 0.2874$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19.45	0.0000	P	109.
2	☐	1.000	0.904	5748.71	0.0021	P	4.6
3	☐	50.000	48.312	307769.68	0.1138	P	2.2
4	☐	125.000	116.943	774353.23	0.2754	P	4.0
5	☐	250.000	246.354	1664830.11	0.5801	A	5.5
6	☐	500.000	537.900	3351205.52	1.2666	A	3.2
7	☐	1000.000	983.053	6794505.97	2.3148	A	2.3
8	☐			461.14	0.0002	P	10.3

$$y = 0.0024 * x + 7.3329E-006$$

$$R = 0.9989$$

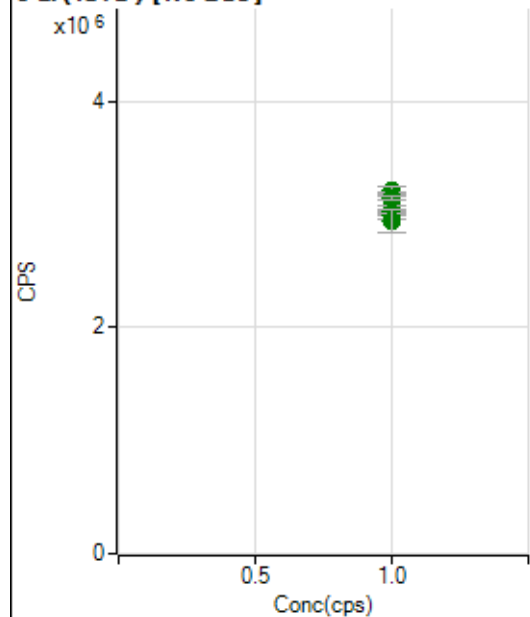
$$DL = 0.0102$$

$$BEC = 0.003114$$

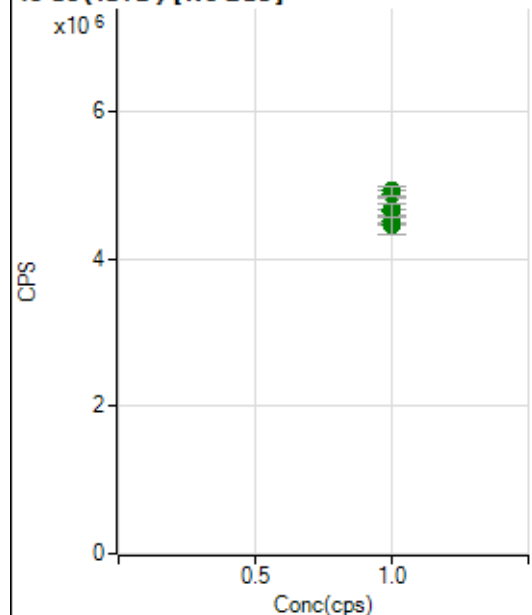
Weight: <None>

Min Conc: 0

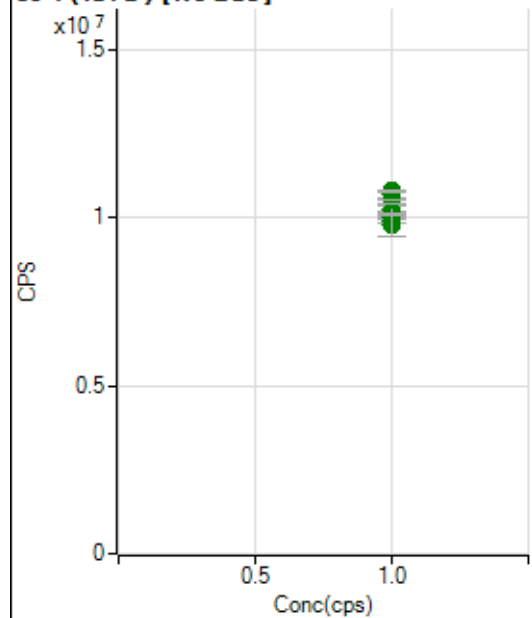
6 Li (ISTD) [No Gas]



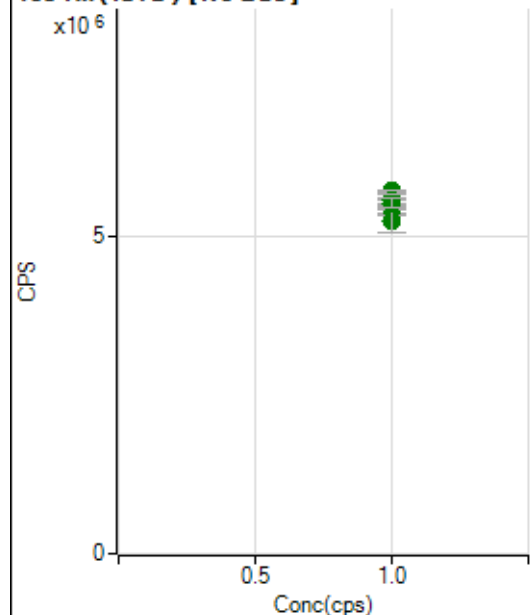
	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		3007151.22		A	1.3
2	☐	1.000		2992954.74		A	2.7
3	☐	1.000		3030410.84		A	1.1
4	☐	1.000		3075580.77		A	0.1
5	☐	1.000		3210586.21		A	2.3
6	☐	1.000		2948897.75		A	6.9
7	☐	1.000		3144027.70		A	3.6
8	☐	1.000		3146403.01		A	0.9

45 Sc (ISTD) [No Gas]

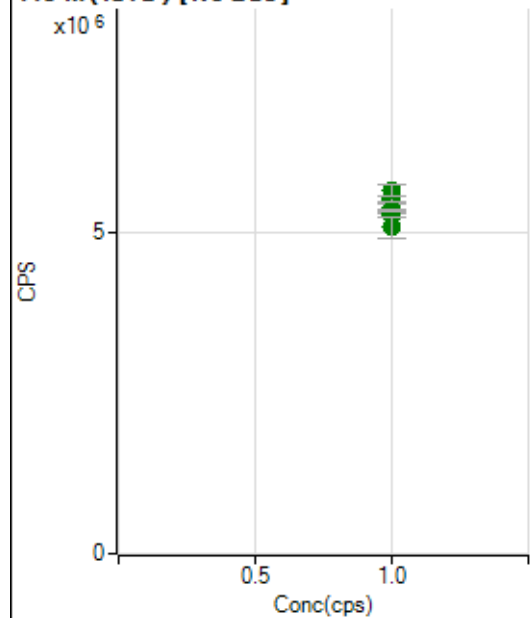
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4565028.26		A	4.4
2	☐	1.000		4520500.84		A	1.7
3	☐	1.000		4519462.22		A	1.7
4	☐	1.000		4638069.62		A	1.5
5	☐	1.000		4666531.94		A	3.7
6	☐	1.000		4450219.66		A	5.6
7	☐	1.000		4881618.61		A	2.3
8	☐	1.000		4922871.39		A	2.8

89 Y (ISTD) [No Gas]

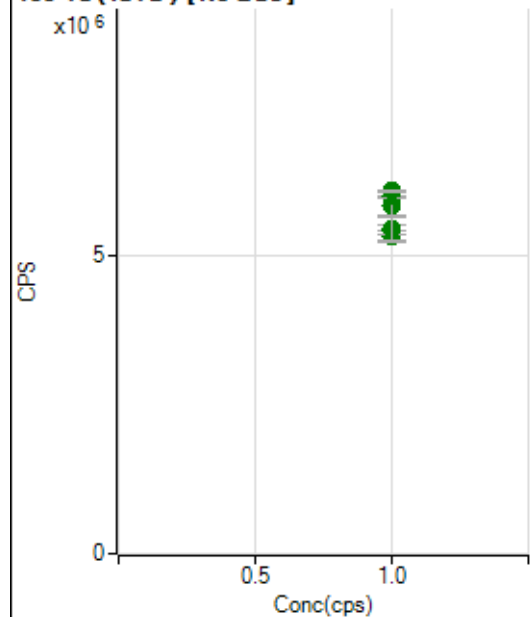
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10014659.29		A	1.2
2	☐	1.000		9921223.81		A	2.0
3	☐	1.000		10004149.64		A	3.3
4	☐	1.000		10244709.36		A	1.8
5	☐	1.000		10502620.47		A	2.0
6	☐	1.000		9769894.86		A	6.7
7	☐	1.000		10687254.77		A	2.8
8	☐	1.000		10793102.27		A	0.8

103 Rh (ISTD) [No Gas]

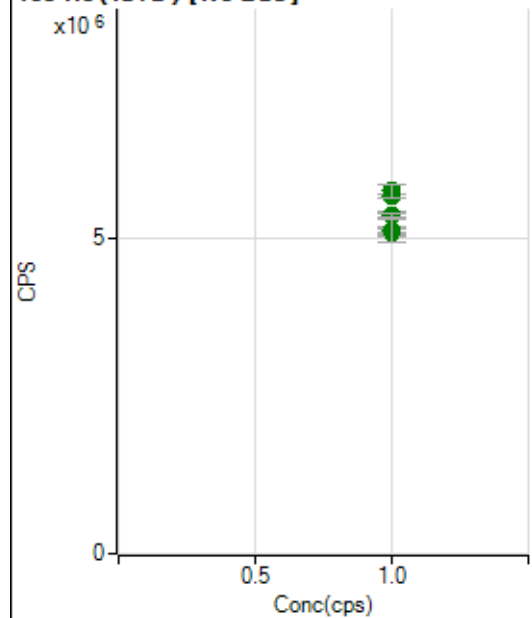
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5414022.09		A	2.9
2	☐	1.000		5406160.32		A	1.8
3	☐	1.000		5417542.18		A	3.4
4	☐	1.000		5579862.23		A	0.5
5	☐	1.000		5700505.29		A	0.6
6	☐	1.000		5227688.75		A	7.2
7	☐	1.000		5559300.47		A	3.2
8	☐	1.000		5504067.96		A	2.7

115 In (ISTD) [No Gas]

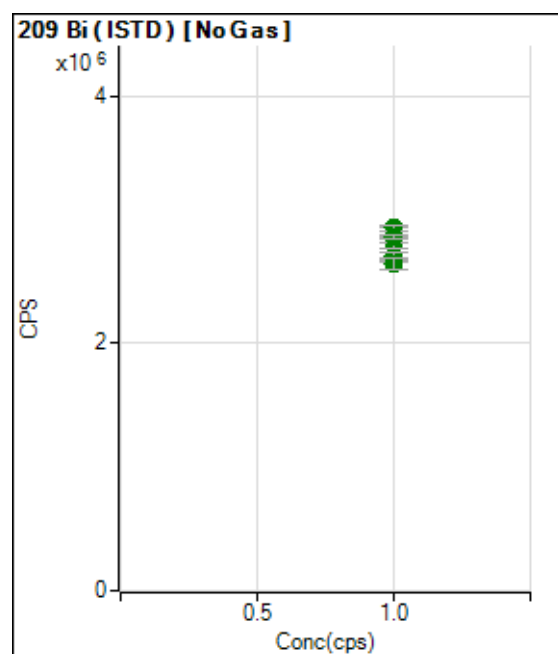
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5387316.64		A	3.4
2	☐	1.000		5266060.53		A	1.4
3	☐	1.000		5290254.44		A	2.5
4	☐	1.000		5345125.76		A	0.5
5	☐	1.000		5514939.20		A	1.9
6	☐	1.000		5074307.11		A	6.2
7	☐	1.000		5532788.13		A	1.5
8	☐	1.000		5647673.01		A	3.0

159 Tb (ISTD) [No Gas]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5336384.99		A	3.8
2	☐	1.000		5477129.16		A	1.6
3	☐	1.000		5476591.38		A	1.4
4	☐	1.000		5442018.74		A	2.7
5	☐	1.000		5843791.72		A	5.2
6	☐	1.000		5471834.47		A	7.0
7	☐	1.000		6016521.71		A	1.4
8	☐	1.000		6096769.98		A	0.4

165 Ho (ISTD) [No Gas]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5089669.08		A	3.0
2	☐	1.000		5125446.73		A	1.2
3	☐	1.000		5124476.03		A	2.2
4	☐	1.000		5363844.13		A	2.2
5	☐	1.000		5349217.14		A	1.8
6	☐	1.000		5127888.61		A	7.4
7	☐	1.000		5669612.54		A	1.3
8	☐	1.000		5744104.21		A	3.8



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2698784.98		A	2.4
2	☐	1.000		2694796.11		A	2.7
3	☐	1.000		2706153.29		A	2.3
4	☐	1.000		2814402.04		A	3.2
5	☐	1.000		2873618.01		A	4.3
6	☐	1.000		2647949.42		A	3.8
7	☐	1.000		2935962.97		A	1.9
8	☐	1.000		2858479.47		A	1.3

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8082422MS1.b
Acq. Date-Time 2022-08-24 12:35:21
Report Comment ---
Instrument Name G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		11544	115441.72			0.700	5.000
24		96506	965062.81			1.905	5.000
25		12748	127479.28			0.473	5.000
26		14740	147402.36			0.675	5.000
59		22751	227514.85			0.715	5.000
113		8106	81056.75			0.645	5.000
115		26706	267064.74			0.834	5.000
206		7873	78727.44			1.844	5.000
207		6504	65039.38			1.619	5.000
208		16248	162484.03			1.726	5.000
220		2	17.50			18.183	

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

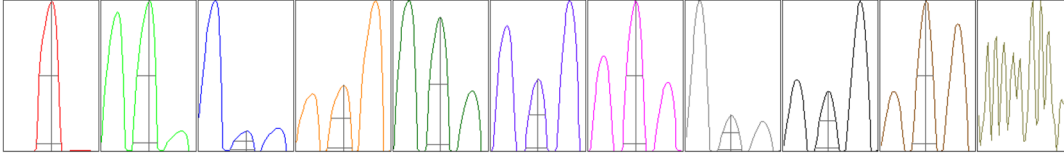
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	11452	11658	11590	11524	11497
24	97241	98062	93333	97174	96721
25	12739	12777	12807	12767	12649
26	14736	14741	14782	14858	14585
59	22485	22929	22776	22803	22765
113	8031	8120	8099	8102	8177
115	26799	27054	26580	26506	26594
206	7705	7813	7808	7965	8073
207	6377	6539	6415	6560	6630
208	15839	16323	16096	16494	16489

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	20646.22	9.05	8.90 - 9.10	
24	170680.78	24.05	23.90 - 24.10	
25	22116.47	25.05	24.90 - 25.10	
26	25413.72	26.05	25.90 - 26.10	
59	42132.94	59.00	58.90 - 59.10	
113	16226.63	113.00	112.90 - 113.10	
115	53755.39	115.05	114.90 - 115.10	
206	15707.71	205.95	205.90 - 206.10	
207	13135.05	206.95	206.90 - 207.10	
208	32816.94	207.95	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.60	0.780	0.900	
24	0.59	0.784	0.900	
25	0.61	0.781	0.900	
26	0.61	0.784	0.900	
59	0.57	0.737	0.900	
113	0.52	0.688	0.900	
115	0.52	0.726	0.900	
206	0.52	0.757	0.900	
207	0.52	0.766	0.900	
208	0.51	0.770	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.70 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	8.5 V	Deflect	16.0 V
Extract 2	-190.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-95 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	160 V		

QP Parameters

Mass Gain	125	Axis Gain	0.9992	QP Bias	-4.0 V
Mass Offset	124	Axis Offset	0.00		

Hardware Settings

Torch

Torch H	0.5 mm	Torch V	-0.8 mm
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EM

Discriminator	4.5 mV	Analog HV	2302 V	Pulse HV	1638 V
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LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:09:35	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	-0.06	0.01	0.05	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	-0.01	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.00	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Boron	10-1	0.06	-0.01	-0.05	0.00	N/A	ppb
Boron	11-1	-0.13	0.07	0.07	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	0.03	-0.01	0.00	N/A	ppb
Cadmium	106-1	-0.09	2.64	-2.55	0.00	N/A	ppb
Cadmium	108-1	0.15	-0.03	-0.12	0.00	N/A	ppb
Calcium	43-1	-1.08	0.25	0.83	0.00	N/A	ppb
Calcium	44-1	-1.28	4.45	-3.17	0.00	N/A	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	-0.11	0.14	-0.04	0.00	N/A	ppb
Cobalt	59-1	-0.01	0.00	0.01	0.00	N/A	ppb
Copper	63-1	-0.02	0.06	-0.04	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	-12.84	27.06	-14.22	0.00	N/A	ppb
Iron	57-1	-8.29	11.85	-3.56	0.00	N/A	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.00	-0.02	0.02	0.00	N/A	ppb
Lead	208-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-1	-0.15	0.12	0.03	0.00	N/A	ppb
Manganese	55-1	-0.03	0.07	-0.04	0.00	N/A	ppb
Molybdenum	94-1	-0.05	0.03	0.01	0.00	N/A	ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:09:35	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Nickel	60-1	-0.02	0.04	-0.02	0.00	N/A	ppb
Phosphorus	31-1	-9.83	-4.19	-13.01	-9.01		ppb
Potassium	39-1	-17.77	32.83	-15.05	0.00	N/A	ppb
Rhodium	103-1				100		%
Scandium	45-1				100		%
Selenium	77-1	-0.03	0.02	0.01	0.00	N/A	ppb
Selenium	78-1	-8.15	8.65	-0.50	0.00	N/A	ppb
Selenium	82-1	0.07	0.11	-0.18	0.00	N/A	ppb
Silicon	28-1	-10.24	22.39	-12.14	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-1	-3.19	5.80	-2.61	0.00	N/A	ppb
Strontium	86-1	0.02	-0.04	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-847.58	729.78	-399.45	-172.42		ppb
Terbium	159-1				100		%
Thallium	203-1	0.03	0.04	-0.06	0.00	N/A	ppb
Thallium	205-1	0.01	0.00	-0.01	0.00	N/A	ppb
Tin	118-1	0.03	-0.01	-0.02	0.00	N/A	ppb
Titanium	47-1	-0.10	0.03	0.07	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-1	0.00	0.00	0.00	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				100		%
Zinc	66-1	0.02	0.06	-0.08	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.01	-0.01	0.03	0.00	N/A	ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:12:42	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	20.40	19.80	18.79	19.66	4.14	ppb
Antimony	121-1	2.04	1.94	2.03	2.00	2.71	ppb
Arsenic	75-1	0.80	1.04	1.05	0.96	14.63	ppb
Barium	135-1	9.25	9.84	9.84	9.65	3.51	ppb
Barium	137-1	9.53	9.11	10.03	9.55	4.84	ppb
Beryllium	9-1	1.10	1.04	0.98	1.04	5.66	ppb
Bismuth	209-1				100		%
Boron	10-1	18.81	19.82	19.98	19.54	3.25	ppb
Boron	11-1	19.14	20.00	20.18	19.77	2.83	ppb
Bromine	81-1						cps
Cadmium	111-1	0.94	1.07	1.06	1.02	7.13	ppb
Cadmium	106-1	-3.64	0.82	0.69	-0.71		ppb
Cadmium	108-1	0.53	1.14	1.30	0.99	41.09	ppb
Calcium	43-1	470.09	484.07	444.53	466.23	4.30	ppb
Calcium	44-1	476.10	486.03	460.71	474.28	2.69	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	2.17	2.30	1.90	2.12	9.67	ppb
Cobalt	59-1	1.04	1.07	0.96	1.02	5.33	ppb
Copper	63-1	2.11	2.09	2.03	2.08	2.03	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				101		%
Indium	115-1				98		%
Iron	56-1	71.45	81.60	36.60	63.21	37.33	ppb
Iron	57-1	59.49	64.44	51.87	58.60	10.81	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	0.90	1.06	0.92	0.96	9.07	ppb
Lead	207-1	0.84	0.97	0.71	0.84	15.66	ppb
Lead	208-1	0.89	1.00	0.85	0.91	8.54	ppb
Lithium	6-1				100		%
Magnesium	24-1	530.23	522.39	495.30	515.97	3.55	ppb
Manganese	55-1	1.14	1.15	0.94	1.08	11.02	ppb
Molybdenum	94-1	6.08	6.16	5.72	5.99	3.85	ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:12:42	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	5.04	4.80	4.65	4.83	4.05	ppb
Molybdenum	96-1	5.25	5.05	4.92	5.07	3.24	ppb
Molybdenum	97-1	5.13	4.91	5.04	5.02	2.18	ppb
Molybdenum	98-1	5.28	4.83	4.96	5.02	4.60	ppb
Neodymium	150-1						cps
Nickel	60-1	0.98	1.14	0.93	1.01	10.64	ppb
Phosphorus	31-1	7.02	13.75	6.25	9.01	45.82	ppb
Potassium	39-1	515.95	529.18	470.40	505.18	6.10	ppb
Rhodium	103-1				100		%
Scandium	45-1				99		%
Selenium	77-1	6.47	3.61	5.94	5.34	28.48	ppb
Selenium	78-1	18.74	5.82	4.68	9.75	80.10	ppb
Selenium	82-1	4.55	4.27	5.64	4.82	14.93	ppb
Silicon	28-1	20.23	30.37	6.14	18.91	64.33	ppb
Silver	107-1	0.95	0.97	1.03	0.99	4.33	ppb
Silver	109-1	1.09	1.00	1.09	1.06	4.96	ppb
Sodium	23-1	533.95	518.66	481.87	511.49	5.23	ppb
Strontium	86-1	1.06	0.76	0.78	0.87	18.89	ppb
Strontium	88-1	1.04	0.96	1.03	1.01	4.55	ppb
Sulfur	34-1	447.66	458.23	-388.63	172.42	281.82	ppb
Terbium	159-1				103		%
Thallium	203-1	0.95	0.84	0.82	0.87	8.30	ppb
Thallium	205-1	0.89	0.97	0.96	0.94	4.80	ppb
Tin	118-1	4.84	4.64	5.14	4.87	5.22	ppb
Titanium	47-1	5.24	5.05	4.89	5.06	3.48	ppb
Uranium	238-1	0.88	0.95	0.88	0.90	4.66	ppb
Vanadium	51-1	5.16	5.06	4.88	5.03	2.79	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				99		%
Zinc	66-1	2.54	2.27	2.37	2.39	5.78	ppb
Zirconium	90-1	0.98	0.98	0.91	0.96	4.19	ppb
Zirconium	91-1	0.89	0.91	0.89	0.90	1.50	ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:15:51	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	1030.21	1017.11	994.09	1013.80	1.80	ppb
Antimony	121-1	51.97	51.59	49.54	51.04	2.56	ppb
Arsenic	75-1	53.60	49.88	48.88	50.79	4.89	ppb
Barium	135-1	256.35	255.13	250.75	254.08	1.16	ppb
Barium	137-1	259.22	258.00	247.48	254.90	2.53	ppb
Beryllium	9-1	51.18	49.39	50.45	50.34	1.79	ppb
Bismuth	209-1				100		%
Boron	10-1	47.42	47.35	50.54	48.44	3.76	ppb
Boron	11-1	47.80	47.71	50.22	48.58	2.93	ppb
Bromine	81-1						cps
Cadmium	111-1	52.64	52.46	51.37	52.15	1.32	ppb
Cadmium	106-1	50.35	50.92	50.08	50.45	0.85	ppb
Cadmium	108-1	53.51	48.80	52.63	51.65	4.85	ppb
Calcium	43-1	5553.50	5459.82	5272.05	5428.46	2.64	ppb
Calcium	44-1	5541.11	5207.02	5347.08	5365.07	3.13	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	52.14	50.51	49.33	50.66	2.78	ppb
Cobalt	59-1	52.85	51.53	48.61	50.99	4.25	ppb
Copper	63-1	545.13	527.10	518.35	530.19	2.58	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				101		%
Indium	115-1				98		%
Iron	56-1	2731.14	2641.08	2595.60	2655.94	2.60	ppb
Iron	57-1	2827.52	2748.72	2639.11	2738.45	3.46	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	250.44	241.63	239.54	243.87	2.37	ppb
Lead	207-1	259.46	242.09	246.24	249.27	3.64	ppb
Lead	208-1	254.88	240.02	240.90	245.27	3.40	ppb
Lithium	6-1				101		%
Magnesium	24-1	5358.40	5304.73	5126.17	5263.10	2.31	ppb
Manganese	55-1	524.52	502.81	505.13	510.82	2.33	ppb
Molybdenum	94-1	520.18	494.99	505.03	506.74	2.50	ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:15:51	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	522.84	497.72	502.99	507.85	2.61	ppb
Molybdenum	96-1	522.74	503.17	488.46	504.79	3.41	ppb
Molybdenum	97-1	535.33	512.56	496.34	514.74	3.81	ppb
Molybdenum	98-1	534.42	512.71	486.82	511.32	4.66	ppb
Neodymium	150-1						cps
Nickel	60-1	52.56	50.62	50.52	51.23	2.24	ppb
Phosphorus	31-1	1071.29	1048.36	1023.53	1047.73	2.28	ppb
Potassium	39-1	2702.05	2646.17	2490.19	2612.80	4.20	ppb
Rhodium	103-1				100		%
Scandium	45-1				99		%
Selenium	77-1	52.54	46.57	52.07	50.39	6.58	ppb
Selenium	78-1	73.68	44.58	45.83	54.70	30.08	ppb
Selenium	82-1	53.14	50.11	50.43	51.23	3.25	ppb
Silicon	28-1	73.21	63.44	42.76	59.80	26.00	ppb
Silver	107-1	51.23	51.51	49.50	50.75	2.14	ppb
Silver	109-1	52.92	53.85	50.84	52.54	2.93	ppb
Sodium	23-1	5418.74	5479.66	5219.62	5372.67	2.53	ppb
Strontium	86-1	1326.65	1265.52	1266.99	1286.39	2.71	ppb
Strontium	88-1	1331.11	1241.02	1231.02	1267.71	4.35	ppb
Sulfur	34-1	1301.28	998.73	763.25	1021.09	26.41	ppb
Terbium	159-1				103		%
Thallium	203-1	50.57	48.83	47.61	49.00	3.03	ppb
Thallium	205-1	51.89	47.92	49.38	49.73	4.05	ppb
Tin	118-1	53.18	52.46	50.48	52.04	2.69	ppb
Titanium	47-1	514.65	514.79	499.39	509.61	1.74	ppb
Uranium	238-1	49.48	47.34	48.12	48.31	2.24	ppb
Vanadium	51-1	51.12	52.36	48.07	50.52	4.37	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				100		%
Zinc	66-1	521.35	518.42	505.84	515.20	1.60	ppb
Zirconium	90-1	51.81	49.69	48.66	50.06	3.21	ppb
Zirconium	91-1	52.02	50.07	48.33	50.14	3.68	ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:18:57	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	2478.88	2538.80	2495.68	2504.45	1.23	ppb
Antimony	121-1	131.83	127.78	126.03	128.55	2.31	ppb
Arsenic	75-1	122.83	124.20	120.69	122.57	1.44	ppb
Barium	135-1	641.13	641.63	617.54	633.43	2.17	ppb
Barium	137-1	646.46	643.45	630.83	640.24	1.30	ppb
Beryllium	9-1	121.93	123.42	122.43	122.59	0.62	ppb
Bismuth	209-1				104		%
Boron	10-1	110.67	119.20	126.13	118.67	6.53	ppb
Boron	11-1	112.67	121.28	124.84	119.60	5.23	ppb
Bromine	81-1						cps
Cadmium	111-1	132.98	132.30	130.82	132.04	0.84	ppb
Cadmium	106-1	134.59	133.98	127.48	132.02	2.99	ppb
Cadmium	108-1	135.97	135.87	128.41	133.42	3.25	ppb
Calcium	43-1	12959.86	13296.48	12945.57	13067.30	1.52	ppb
Calcium	44-1	12917.79	13293.96	13264.41	13158.72	1.59	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	122.40	124.94	123.08	123.47	1.07	ppb
Cobalt	59-1	124.13	124.52	123.15	123.93	0.57	ppb
Copper	63-1	1252.75	1279.34	1214.90	1249.00	2.59	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				105		%
Indium	115-1				99		%
Iron	56-1	6465.96	6634.51	6300.31	6466.93	2.58	ppb
Iron	57-1	6526.37	6869.40	6508.08	6634.62	3.07	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	557.18	589.99	595.47	580.88	3.56	ppb
Lead	207-1	580.09	603.05	609.07	597.40	2.56	ppb
Lead	208-1	586.58	618.18	617.85	607.54	2.99	ppb
Lithium	6-1				102		%
Magnesium	24-1	12683.86	13011.62	12753.67	12816.38	1.35	ppb
Manganese	55-1	1258.26	1277.26	1214.06	1249.86	2.59	ppb
Molybdenum	94-1	1221.07	1273.44	1221.40	1238.63	2.43	ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:18:57	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	1197.91	1246.36	1202.67	1215.65	2.20	ppb
Molybdenum	96-1	1251.72	1266.24	1199.55	1239.17	2.83	ppb
Molybdenum	97-1	1254.73	1267.41	1198.69	1240.27	2.95	ppb
Molybdenum	98-1	1267.42	1247.42	1195.45	1236.77	3.00	ppb
Neodymium	150-1						cps
Nickel	60-1	122.26	122.36	122.56	122.39	0.12	ppb
Phosphorus	31-1	2530.32	2591.11	2573.20	2564.88	1.22	ppb
Potassium	39-1	6192.48	6312.03	6313.64	6272.72	1.11	ppb
Rhodium	103-1				103		%
Scandium	45-1				102		%
Selenium	77-1	127.85	127.82	128.56	128.08	0.32	ppb
Selenium	78-1	126.54	129.93	114.71	123.73	6.46	ppb
Selenium	82-1	124.19	126.75	120.54	123.82	2.52	ppb
Silicon	28-1	118.20	132.06	131.50	127.25	6.16	ppb
Silver	107-1	130.25	129.62	125.52	128.46	2.00	ppb
Silver	109-1	131.64	131.27	128.94	130.62	1.12	ppb
Sodium	23-1	12522.97	13497.71	12616.62	12879.10	4.18	ppb
Strontium	86-1	3063.34	3152.60	3055.46	3090.47	1.75	ppb
Strontium	88-1	3141.19	3131.58	3114.86	3129.21	0.43	ppb
Sulfur	34-1	1945.92	2325.95	1769.08	2013.65	14.13	ppb
Terbium	159-1				102		%
Thallium	203-1	109.37	116.03	123.85	116.42	6.22	ppb
Thallium	205-1	114.68	119.42	121.84	118.64	3.07	ppb
Tin	118-1	131.80	130.59	126.24	129.54	2.26	ppb
Titanium	47-1	1224.32	1294.24	1259.34	1259.30	2.78	ppb
Uranium	238-1	112.93	115.85	122.05	116.94	3.98	ppb
Vanadium	51-1	122.10	124.04	124.46	123.54	1.02	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				102		%
Zinc	66-1	1294.22	1339.20	1273.74	1302.39	2.57	ppb
Zirconium	90-1	121.96	121.31	122.39	121.89	0.44	ppb
Zirconium	91-1	120.54	120.51	119.48	120.18	0.50	ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:22:05	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	5089.84	4792.35	5197.34	5026.51	4.17	ppb
Antimony	121-1	247.10	229.77	243.01	239.96	3.78	ppb
Arsenic	75-1	241.60	232.26	244.94	239.60	2.74	ppb
Barium	135-1	1249.02	1098.81	1197.02	1181.62	6.46	ppb
Barium	137-1	1270.61	1152.37	1236.02	1219.67	4.98	ppb
Beryllium	9-1	236.17	230.99	238.02	235.06	1.55	ppb
Bismuth	209-1				106		%
Boron	10-1	219.01	226.50	246.53	230.68	6.17	ppb
Boron	11-1	222.04	228.81	244.12	231.66	4.88	ppb
Bromine	81-1						cps
Cadmium	111-1	257.25	234.61	248.92	246.93	4.64	ppb
Cadmium	106-1	263.41	234.52	254.81	250.91	5.91	ppb
Cadmium	108-1	262.89	235.29	251.10	249.76	5.54	ppb
Calcium	43-1	26620.99	25376.29	27169.29	26388.86	3.48	ppb
Calcium	44-1	25945.44	25111.12	25925.93	25660.83	1.86	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	253.61	247.43	262.76	254.60	3.03	ppb
Cobalt	59-1	256.88	236.21	264.92	252.67	5.86	ppb
Copper	63-1	2490.58	2445.48	2605.93	2513.99	3.29	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				105		%
Indium	115-1				102		%
Iron	56-1	13162.73	12208.57	13537.86	12969.72	5.28	ppb
Iron	57-1	13375.68	12646.53	13596.21	13206.14	3.76	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	1242.89	1209.16	1224.17	1225.41	1.38	ppb
Lead	207-1	1239.51	1189.89	1223.38	1217.59	2.08	ppb
Lead	208-1	1236.71	1187.00	1226.86	1216.86	2.16	ppb
Lithium	6-1				107		%
Magnesium	24-1	25501.14	24634.10	26251.41	25462.22	3.18	ppb
Manganese	55-1	2521.55	2375.23	2588.01	2494.93	4.36	ppb
Molybdenum	94-1	2411.97	2345.55	2420.00	2392.51	1.71	ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:22:05	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	2424.30	2335.01	2416.04	2391.78	2.06	ppb
Molybdenum	96-1	2496.05	2306.27	2429.50	2410.61	3.99	ppb
Molybdenum	97-1	2560.29	2384.34	2493.19	2479.27	3.58	ppb
Molybdenum	98-1	2503.49	2365.08	2410.35	2426.30	2.91	ppb
Neodymium	150-1						cps
Nickel	60-1	241.99	230.38	249.85	240.74	4.07	ppb
Phosphorus	31-1	5132.09	4815.38	5175.00	5040.82	3.90	ppb
Potassium	39-1	12910.06	11878.28	12894.20	12560.84	4.71	ppb
Rhodium	103-1				105		%
Scandium	45-1				102		%
Selenium	77-1	257.89	238.80	262.00	252.90	4.90	ppb
Selenium	78-1	233.81	221.73	246.49	234.01	5.29	ppb
Selenium	82-1	249.94	239.84	249.94	246.57	2.36	ppb
Silicon	28-1	257.16	232.00	280.39	256.52	9.44	ppb
Silver	107-1	248.17	228.42	243.03	239.87	4.27	ppb
Silver	109-1	256.75	230.40	243.59	243.58	5.41	ppb
Sodium	23-1	26317.54	24789.26	26553.04	25886.61	3.70	ppb
Strontium	86-1	6101.70	5950.64	6012.37	6021.57	1.26	ppb
Strontium	88-1	6133.11	5942.87	6230.94	6102.30	2.40	ppb
Sulfur	34-1	4562.32	3273.84	5053.55	4296.57	21.39	ppb
Terbium	159-1				110		%
Thallium	203-1	245.88	220.98	228.29	231.72	5.52	ppb
Thallium	205-1	243.30	226.19	233.83	234.44	3.66	ppb
Tin	118-1	255.39	233.57	244.01	244.32	4.47	ppb
Titanium	47-1	2540.74	2393.13	2573.50	2502.46	3.84	ppb
Uranium	238-1	251.04	231.20	256.83	246.35	5.46	ppb
Vanadium	51-1	251.62	238.70	255.49	248.60	3.54	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				105		%
Zinc	66-1	2517.86	2446.48	2614.21	2526.18	3.33	ppb
Zirconium	90-1	243.20	240.17	254.63	246.00	3.10	ppb
Zirconium	91-1	237.54	231.43	242.76	237.24	2.39	ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:25:11	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	9792.21	10626.43	11260.47	10559.70	6.97	ppb
Antimony	121-1	498.80	533.65	588.07	540.17	8.33	ppb
Arsenic	75-1	489.11	546.19	550.53	528.61	6.48	ppb
Barium	135-1	2453.95	2635.67	2844.25	2644.62	7.38	ppb
Barium	137-1	2417.58	2612.73	2904.85	2645.05	9.27	ppb
Beryllium	9-1	480.42	523.57	552.02	518.67	6.95	ppb
Bismuth	209-1				98		%
Boron	10-1	456.17	533.67	590.64	526.82	12.81	ppb
Boron	11-1	463.83	532.96	588.79	528.53	11.84	ppb
Bromine	81-1						cps
Cadmium	111-1	491.41	544.50	573.72	536.54	7.78	ppb
Cadmium	106-1	503.68	536.31	590.28	543.42	8.05	ppb
Cadmium	108-1	499.14	523.78	562.03	528.32	6.00	ppb
Calcium	43-1	53052.25	57725.80	59206.43	56661.49	5.67	ppb
Calcium	44-1	51637.67	56928.32	59091.25	55885.75	6.86	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	505.17	539.32	564.60	536.36	5.56	ppb
Cobalt	59-1	512.13	536.38	572.96	540.49	5.67	ppb
Copper	63-1	5073.37	5523.72	5657.75	5418.28	5.65	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				101		%
Indium	115-1				94		%
Iron	56-1	26440.80	28165.57	28995.18	27867.18	4.68	ppb
Iron	57-1	26089.74	27772.41	30059.55	27973.90	7.12	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	2514.40	2709.43	2744.23	2656.02	4.66	ppb
Lead	207-1	2521.03	2702.54	2826.82	2683.46	5.73	ppb
Lead	208-1	2502.62	2681.78	2796.72	2660.37	5.57	ppb
Lithium	6-1				98		%
Magnesium	24-1	50392.33	55171.09	57361.38	54308.27	6.56	ppb
Manganese	55-1	5051.31	5442.48	5523.89	5339.23	4.73	ppb
Molybdenum	94-1	4855.79	5412.05	5600.91	5289.58	7.32	ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:25:11	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	4808.32	5441.71	5497.21	5249.08	7.29	ppb
Molybdenum	96-1	4926.51	5404.59	5702.13	5344.41	7.32	ppb
Molybdenum	97-1	4959.34	5385.68	5632.00	5325.68	6.39	ppb
Molybdenum	98-1	4966.93	5353.58	5661.21	5327.24	6.53	ppb
Neodymium	150-1						cps
Nickel	60-1	492.05	517.29	544.74	518.03	5.09	ppb
Phosphorus	31-1	9858.76	11044.70	11329.43	10744.30	7.26	ppb
Potassium	39-1	25187.33	27718.36	28263.01	27056.23	6.07	ppb
Rhodium	103-1				97		%
Scandium	45-1				97		%
Selenium	77-1	498.12	569.22	573.47	546.94	7.74	ppb
Selenium	78-1	492.77	569.46	606.27	556.17	10.41	ppb
Selenium	82-1	491.88	554.62	559.40	535.30	7.04	ppb
Silicon	28-1	515.82	608.18	652.61	592.20	11.78	ppb
Silver	107-1	491.17	539.22	574.46	534.95	7.82	ppb
Silver	109-1	500.53	536.27	568.28	535.03	6.33	ppb
Sodium	23-1	52487.79	56246.76	57667.07	55467.21	4.82	ppb
Strontium	86-1	12402.41	13671.88	13659.67	13244.66	5.51	ppb
Strontium	88-1	12224.39	13826.30	13679.06	13243.25	6.69	ppb
Sulfur	34-1	9761.82	12372.46	12975.84	11703.38	14.60	ppb
Terbium	159-1				103		%
Thallium	203-1	490.30	527.48	524.37	514.05	4.01	ppb
Thallium	205-1	505.26	546.55	547.04	532.95	4.50	ppb
Tin	118-1	500.85	528.08	569.64	532.86	6.50	ppb
Titanium	47-1	4919.95	5393.65	5633.24	5315.61	6.83	ppb
Uranium	238-1	523.19	533.48	557.03	537.90	3.22	ppb
Vanadium	51-1	492.92	540.52	564.76	532.73	6.86	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				98		%
Zinc	66-1	5062.36	5426.22	5602.78	5363.78	5.14	ppb
Zirconium	90-1	481.85	534.37	562.73	526.32	7.80	ppb
Zirconium	91-1	472.26	530.80	545.39	516.15	7.50	ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:28:20	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	19268.41	19864.72	19274.01	19469.05	1.76	ppb
Antimony	121-1	958.38	1015.90	971.52	981.93	3.07	ppb
Arsenic	75-1	951.06	1037.57	977.04	988.56	4.49	ppb
Barium	135-1	4857.15	5106.91	4866.52	4943.53	2.86	ppb
Barium	137-1	4810.08	5085.20	4903.44	4932.91	2.84	ppb
Beryllium	9-1	978.37	1024.04	981.64	994.68	2.56	ppb
Bismuth	209-1				109		%
Boron	10-1	924.97	1038.35	1013.95	992.42	6.01	ppb
Boron	11-1	941.48	1039.27	992.85	991.20	4.94	ppb
Bromine	81-1						cps
Cadmium	111-1	956.26	1011.63	976.63	981.51	2.85	ppb
Cadmium	106-1	965.87	999.51	966.11	977.16	1.98	ppb
Cadmium	108-1	975.61	997.30	981.39	984.77	1.14	ppb
Calcium	43-1	108004.72	112856.11	107486.27	109449.04	2.71	ppb
Calcium	44-1	101451.29	107314.85	101495.90	103420.68	3.26	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	977.22	992.91	972.34	980.82	1.10	ppb
Cobalt	59-1	953.25	987.97	996.30	979.17	2.33	ppb
Copper	63-1	9446.11	10065.40	9846.42	9785.98	3.21	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				111		%
Indium	115-1				103		%
Iron	56-1	48764.96	51388.50	51466.40	50539.95	3.04	ppb
Iron	57-1	48741.78	51960.75	50623.08	50441.87	3.21	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	4858.42	4988.35	4955.11	4933.96	1.37	ppb
Lead	207-1	4875.82	5023.61	4860.14	4919.86	1.83	ppb
Lead	208-1	4864.30	5013.16	4914.10	4930.52	1.54	ppb
Lithium	6-1				105		%
Magnesium	24-1	96747.51	103617.10	97012.58	99125.73	3.93	ppb
Manganese	55-1	9585.91	9891.61	10015.87	9831.13	2.25	ppb
Molybdenum	94-1	9795.38	10213.22	9640.89	9883.16	3.00	ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:28:20	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	9524.34	10473.78	9721.13	9906.42	5.06	ppb
Molybdenum	96-1	9475.99	10467.90	9609.88	9851.26	5.46	ppb
Molybdenum	97-1	9531.05	10247.75	9749.67	9842.82	3.73	ppb
Molybdenum	98-1	9544.11	10289.85	9733.71	9855.89	3.93	ppb
Neodymium	150-1						cps
Nickel	60-1	977.68	1014.01	989.00	993.57	1.87	ppb
Phosphorus	31-1	19060.26	20374.82	19386.37	19607.15	3.49	ppb
Potassium	39-1	49070.00	51963.87	49260.25	50098.04	3.23	ppb
Rhodium	103-1				103		%
Scandium	45-1				107		%
Selenium	77-1	951.05	999.01	976.15	975.40	2.46	ppb
Selenium	78-1	964.11	1026.53	936.80	975.81	4.71	ppb
Selenium	82-1	949.78	1033.17	966.92	983.29	4.48	ppb
Silicon	28-1	913.28	1012.29	928.66	951.41	5.60	ppb
Silver	107-1	974.95	1012.76	966.05	984.59	2.52	ppb
Silver	109-1	955.59	1014.24	979.96	983.26	3.00	ppb
Sodium	23-1	97928.10	106097.18	101802.73	101942.67	4.01	ppb
Strontium	86-1	23841.69	25733.26	24486.88	24687.28	3.90	ppb
Strontium	88-1	23997.78	25746.24	24247.64	24663.89	3.83	ppb
Sulfur	34-1	18285.72	21003.24	18862.77	19383.91	7.39	ppb
Terbium	159-1				113		%
Thallium	203-1	986.18	1016.25	993.57	998.67	1.57	ppb
Thallium	205-1	990.56	978.43	995.68	988.22	0.90	ppb
Tin	118-1	973.83	1025.84	953.30	984.32	3.80	ppb
Titanium	47-1	9687.57	9977.17	9855.07	9839.94	1.48	ppb
Uranium	238-1	994.88	997.47	956.80	983.05	2.32	ppb
Vanadium	51-1	973.38	1005.17	973.87	984.14	1.85	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				107		%
Zinc	66-1	9478.64	10100.16	9833.96	9804.25	3.18	ppb
Zirconium	90-1	946.99	1030.49	987.21	988.23	4.23	ppb
Zirconium	91-1	969.07	1029.71	988.35	995.71	3.11	ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:31:26	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	102348.24	96349.76	101447.93	100048.65	3.23	ppb
Antimony	121-1	0.89	0.98	1.05	0.97	8.11	ppb
Arsenic	75-1	0.60	0.66	0.61	0.62	5.05	ppb
Barium	135-1	1.99	2.31	2.19	2.16	7.43	ppb
Barium	137-1	2.06	2.35	2.26	2.22	6.50	ppb
Beryllium	9-1	0.18	0.17	0.17	0.17	3.91	ppb
Bismuth	209-1				106		%
Boron	10-1	105.42	96.79	82.57	94.93	12.15	ppb
Boron	11-1	106.15	93.69	85.16	95.00	11.11	ppb
Bromine	81-1						cps
Cadmium	111-1	0.18	0.23	0.16	0.19	18.72	ppb
Cadmium	106-1	-1.39	-2.30	0.01	-1.23		ppb
Cadmium	108-1	0.09	0.51	0.03	0.21	123.29	ppb
Calcium	43-1	511918.03	478489.14	501661.34	497356.17	3.44	ppb
Calcium	44-1	516776.90	487281.41	491964.15	498674.15	3.18	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	2.43	2.24	2.59	2.42	7.19	ppb
Cobalt	59-1	4.20	4.01	4.11	4.11	2.39	ppb
Copper	63-1	14.61	13.07	12.58	13.42	7.90	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				113		%
Indium	115-1				105		%
Iron	56-1	254431.05	245871.94	248421.47	249574.82	1.76	ppb
Iron	57-1	257249.76	245672.14	245778.87	249566.93	2.67	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	0.94	0.97	0.77	0.89	12.25	ppb
Lead	207-1	0.98	0.94	0.86	0.93	6.72	ppb
Lead	208-1	0.88	0.92	0.79	0.86	7.48	ppb
Lithium	6-1				105		%
Magnesium	24-1	521268.18	490455.22	487407.67	499710.36	3.75	ppb
Manganese	55-1	4.90	4.76	4.85	4.84	1.49	ppb
Molybdenum	94-1	3.23	2.91	2.89	3.01	6.36	ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:31:26	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	2.69	2.29	2.35	2.44	8.72	ppb
Molybdenum	96-1	4.50	4.27	3.75	4.17	9.15	ppb
Molybdenum	97-1	2.57	2.72	2.48	2.59	4.57	ppb
Molybdenum	98-1	2.65	2.44	2.35	2.48	6.21	ppb
Neodymium	150-1						cps
Nickel	60-1	5.49	5.13	5.00	5.21	4.91	ppb
Phosphorus	31-1	-6.71	-9.57	-4.75	-7.01		ppb
Potassium	39-1	252567.36	245062.93	251679.77	249770.02	1.64	ppb
Rhodium	103-1				102		%
Scandium	45-1				108		%
Selenium	77-1	0.74	-0.14	0.54	0.38	122.23	ppb
Selenium	78-1	-24.57	-25.55	-39.88	-30.00		ppb
Selenium	82-1	1.03	-0.23	0.74	0.51	129.18	ppb
Silicon	28-1	35.06	2.82	9.72	15.87	106.99	ppb
Silver	107-1	1.40	1.44	1.52	1.45	4.19	ppb
Silver	109-1	1.46	1.44	1.50	1.46	1.90	ppb
Sodium	23-1	518114.09	485298.24	493609.26	499007.20	3.42	ppb
Strontium	86-1	7.39	7.11	6.97	7.16	2.95	ppb
Strontium	88-1	7.40	7.06	7.07	7.17	2.74	ppb
Sulfur	34-1	-3455.71	-4053.62	-3438.21	-3649.18		ppb
Terbium	159-1				114		%
Thallium	203-1	0.35	0.28	0.23	0.29	20.58	ppb
Thallium	205-1	0.31	0.32	0.31	0.32	1.49	ppb
Tin	118-1	0.76	0.70	0.74	0.73	4.47	ppb
Titanium	47-1	1.04	1.03	0.94	1.00	5.31	ppb
Uranium	238-1	0.07	0.07	0.06	0.07	10.76	ppb
Vanadium	51-1	0.33	0.34	0.30	0.32	5.71	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				108		%
Zinc	66-1	14.62	14.51	14.01	14.38	2.26	ppb
Zirconium	90-1	0.47	0.38	0.47	0.44	11.30	ppb
Zirconium	91-1	0.42	0.50	0.44	0.46	9.78	ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:40:41	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	508.27	504.55	515.51	509.44	1.09	ppb
Antimony	121-1	210.35	197.30	204.50	204.05	3.21	ppb
Arsenic	75-1	202.69	203.93	206.14	204.25	0.86	ppb
Barium	135-1	104.41	97.03	102.57	101.33	3.79	ppb
Barium	137-1	104.80	99.06	106.00	103.29	3.59	ppb
Beryllium	9-1	100.61	97.05	102.14	99.93	2.62	ppb
Bismuth	209-1				108		%
Boron	10-1	416.73	443.93	483.97	448.21	7.55	ppb
Boron	11-1	418.46	448.74	478.94	448.71	6.74	ppb
Bromine	81-1						cps
Cadmium	111-1	110.65	104.71	109.42	108.26	2.89	ppb
Cadmium	106-1	180.29	162.34	183.11	175.25	6.43	ppb
Cadmium	108-1	158.46	156.94	167.70	161.03	3.62	ppb
Calcium	43-1	2140.40	2098.55	2129.49	2122.81	1.02	ppb
Calcium	44-1	2071.19	2025.75	2066.25	2054.40	1.21	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	101.77	101.56	104.63	102.66	1.67	ppb
Cobalt	59-1	104.31	100.54	101.51	102.12	1.92	ppb
Copper	63-1	100.70	98.63	100.62	99.98	1.17	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				107		%
Indium	115-1				103		%
Iron	56-1	2009.02	1978.33	2060.88	2016.08	2.07	ppb
Iron	57-1	2028.31	2067.85	2086.44	2060.86	1.44	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	197.70	201.83	200.45	200.00	1.05	ppb
Lead	207-1	187.16	200.08	193.36	193.54	3.34	ppb
Lead	208-1	191.58	198.75	196.20	195.51	1.86	ppb
Lithium	6-1				103		%
Magnesium	24-1	1192.62	1195.31	1210.00	1199.31	0.78	ppb
Manganese	55-1	99.25	100.70	103.71	101.22	2.25	ppb
Molybdenum	94-1	5211.49	5199.47	5302.13	5237.70	1.07	ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:40:41	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	5248.08	5366.05	5299.46	5304.53	1.12	ppb
Molybdenum	96-1	5279.63	5293.69	5379.84	5317.72	1.02	ppb
Molybdenum	97-1	5450.76	5257.50	5487.94	5398.73	2.29	ppb
Molybdenum	98-1	5466.70	5168.57	5519.02	5384.76	3.51	ppb
Neodymium	150-1						cps
Nickel	60-1	112.45	108.01	108.77	109.74	2.16	ppb
Phosphorus	31-1	-6.04	-6.12	-10.33	-7.50		ppb
Potassium	39-1	1984.54	1925.71	1960.97	1957.07	1.51	ppb
Rhodium	103-1				105		%
Scandium	45-1				103		%
Selenium	77-1	205.92	198.83	213.26	206.00	3.50	ppb
Selenium	78-1	199.92	208.46	208.72	205.70	2.43	ppb
Selenium	82-1	208.79	208.19	216.91	211.30	2.31	ppb
Silicon	28-1	541.42	533.13	550.59	541.71	1.61	ppb
Silver	107-1	50.54	48.18	50.36	49.69	2.65	ppb
Silver	109-1	51.47	48.13	51.07	50.22	3.63	ppb
Sodium	23-1	2046.30	2016.05	2089.38	2050.58	1.80	ppb
Strontium	86-1	515.41	517.84	532.22	521.83	1.74	ppb
Strontium	88-1	511.26	519.95	527.78	519.66	1.59	ppb
Sulfur	34-1	-2188.91	-2666.75	-2395.36	-2417.01		ppb
Terbium	159-1				107		%
Thallium	203-1	201.83	203.16	210.86	205.28	2.37	ppb
Thallium	205-1	214.21	205.43	208.59	209.41	2.12	ppb
Tin	118-1	537.56	514.45	545.53	532.51	3.03	ppb
Titanium	47-1	4928.80	4950.16	5077.61	4985.53	1.61	ppb
Uranium	238-1	556.32	562.45	554.39	557.72	0.75	ppb
Vanadium	51-1	105.13	105.11	107.45	105.90	1.27	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				104		%
Zinc	66-1	203.20	200.01	205.24	202.82	1.30	ppb
Zirconium	90-1	501.62	502.23	511.02	504.96	1.04	ppb
Zirconium	91-1	495.63	505.72	505.69	502.35	1.16	ppb

LB Number : LB121724 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired : 2022-08-24 13:47:28 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.14	0.16	0.08	0.13	29.54	ppb
Antimony	121-1	0.01	0.02	0.02	0.02	27.59	ppb
Arsenic	75-1	-0.06	-0.06	-0.04	-0.05		ppb
Barium	135-1	0.02	0.03	0.07	0.04	59.49	ppb
Barium	137-1	-0.01	-0.01	0.03	0.01	446.68	ppb
Beryllium	9-1	0.02	0.04	0.03	0.03	26.16	ppb
Bismuth	209-1				108		%
Boron	10-1	28.82	27.98	29.31	28.71	2.34	ppb
Boron	11-1	30.07	28.47	27.79	28.78	4.05	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	-0.02	0.00	-0.02		ppb
Cadmium	106-1	-3.66	-0.85	-2.06	-2.19		ppb
Cadmium	108-1	0.18	0.18	0.09	0.15	36.21	ppb
Calcium	43-1	-3.93	-3.67	-3.34	-3.65		ppb
Calcium	44-1	-3.89	-1.29	2.53	-0.88		ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	-0.07	0.11	0.19	0.08	168.22	ppb
Cobalt	59-1	0.00	0.00	0.00	0.00	79.19	ppb
Copper	63-1	0.02	-0.01	0.12	0.04	154.44	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				105		%
Indium	115-1				100		%
Iron	56-1	-38.04	-7.52	8.78	-12.26		ppb
Iron	57-1	-23.45	-19.10	-9.01	-17.19		ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	-0.07	0.00	0.12	0.02	570.77	ppb
Lead	207-1	-0.03	0.01	-0.01	-0.01		ppb
Lead	208-1	-0.03	0.01	0.07	0.01	323.24	ppb
Lithium	6-1				101		%
Magnesium	24-1	1.18	1.04	1.32	1.18	11.99	ppb
Manganese	55-1	0.09	0.11	0.23	0.14	54.20	ppb
Molybdenum	94-1	0.18	0.20	0.20	0.19	6.56	ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:47:28	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	0.23	0.22	0.25	0.24	7.34	ppb
Molybdenum	96-1	0.23	0.22	0.28	0.25	13.53	ppb
Molybdenum	97-1	0.20	0.21	0.28	0.23	18.56	ppb
Molybdenum	98-1	0.24	0.22	0.29	0.25	14.70	ppb
Neodymium	150-1						cps
Nickel	60-1	0.00	-0.02	-0.01	-0.01		ppb
Phosphorus	31-1	-14.56	-16.00	-1.86	-10.81		ppb
Potassium	39-1	-39.76	-24.84	7.75	-18.95		ppb
Rhodium	103-1				101		%
Scandium	45-1				102		%
Selenium	77-1	0.29	0.64	0.56	0.50	36.58	ppb
Selenium	78-1	-10.55	-9.89	12.44	-2.67		ppb
Selenium	82-1	-0.49	-0.54	-0.51	-0.51		ppb
Silicon	28-1	-24.66	-9.03	-7.69	-13.79		ppb
Silver	107-1	0.02	0.00	0.00	0.01	191.90	ppb
Silver	109-1	0.00	0.02	0.00	0.01	271.48	ppb
Sodium	23-1	10.29	13.31	18.32	13.97	29.02	ppb
Strontium	86-1	0.09	-0.07	-0.14	-0.04		ppb
Strontium	88-1	0.03	0.03	0.03	0.03	1.53	ppb
Sulfur	34-1	-2784.42	-2120.37	-1210.77	-2038.52		ppb
Terbium	159-1				106		%
Thallium	203-1	-0.06	-0.06	-0.04	-0.05		ppb
Thallium	205-1	0.01	-0.01	0.00	0.00		ppb
Tin	118-1	-0.01	0.05	0.07	0.03	110.94	ppb
Titanium	47-1	0.25	-0.01	0.20	0.14	94.58	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	64.07	ppb
Vanadium	51-1	-0.01	0.00	0.00	-0.01		ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				102		%
Zinc	66-1	-0.02	0.15	0.08	0.07	125.02	ppb
Zirconium	90-1	-0.01	-0.01	0.00	0.00		ppb
Zirconium	91-1	-0.02	-0.03	-0.01	-0.02		ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:50:25	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	93214.66	93807.54	92932.41	93318.21	0.48	ppb
Antimony	121-1	1.22	1.16	1.12	1.17	4.25	ppb
Arsenic	75-1	0.79	1.05	1.13	0.99	17.99	ppb
Barium	135-1	1.26	1.21	1.41	1.30	8.14	ppb
Barium	137-1	1.41	1.37	1.22	1.33	7.70	ppb
Beryllium	9-1	0.27	0.31	0.27	0.28	8.19	ppb
Bismuth	209-1				108		%
Boron	10-1	24.47	23.34	21.52	23.11	6.44	ppb
Boron	11-1	25.13	24.10	23.03	24.09	4.36	ppb
Bromine	81-1						cps
Cadmium	111-1	0.40	0.19	0.46	0.35	40.49	ppb
Cadmium	106-1	-2.74	-2.06	1.22	-1.19		ppb
Cadmium	108-1	8.98	9.91	8.23	9.04	9.30	ppb
Calcium	43-1	91364.68	91241.82	95772.03	92792.84	2.78	ppb
Calcium	44-1	95598.81	93383.06	93876.43	94286.10	1.23	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	19.14	19.41	19.06	19.21	0.95	ppb
Cobalt	59-1	1.17	1.18	1.14	1.16	1.62	ppb
Copper	63-1	9.29	9.42	9.64	9.45	1.88	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				110		%
Indium	115-1				107		%
Iron	56-1	94216.00	96402.30	98830.10	96482.80	2.39	ppb
Iron	57-1	97457.78	98282.83	98647.32	98129.31	0.62	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	4.45	4.68	4.77	4.63	3.57	ppb
Lead	207-1	3.84	4.55	4.24	4.21	8.51	ppb
Lead	208-1	4.18	4.51	4.43	4.38	3.90	ppb
Lithium	6-1				107		%
Magnesium	24-1	93537.07	96500.82	92995.57	94344.49	2.00	ppb
Manganese	55-1	7.11	7.20	7.06	7.12	0.98	ppb
Molybdenum	94-1	1560.02	1607.87	1489.35	1552.42	3.84	ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:50:25	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	1915.29	1948.97	1820.62	1894.96	3.51	ppb
Molybdenum	96-1	1886.72	1881.17	1805.72	1857.87	2.44	ppb
Molybdenum	97-1	1971.98	1933.63	1895.94	1933.85	1.97	ppb
Molybdenum	98-1	1950.19	1924.99	1864.82	1913.33	2.29	ppb
Neodymium	150-1						cps
Nickel	60-1	5.06	5.10	5.40	5.19	3.58	ppb
Phosphorus	31-1	93139.57	93836.71	94723.66	93899.98	0.85	ppb
Potassium	39-1	95743.93	95439.90	96650.66	95944.83	0.66	ppb
Rhodium	103-1				108		%
Scandium	45-1				110		%
Selenium	77-1	3.17	4.57	4.94	4.23	22.18	ppb
Selenium	78-1	-9.66	-8.60	-15.70	-11.32		ppb
Selenium	82-1	-0.58	-1.39	-1.10	-1.02		ppb
Silicon	28-1	-24.35	-12.87	-10.62	-15.95		ppb
Silver	107-1	0.03	0.01	0.01	0.02	69.89	ppb
Silver	109-1	0.02	0.02	0.02	0.02	13.89	ppb
Sodium	23-1	98351.61	98773.51	100947.48	99357.53	1.40	ppb
Strontium	86-1	33.15	33.09	32.35	32.86	1.35	ppb
Strontium	88-1	33.55	33.17	32.67	33.13	1.33	ppb
Sulfur	34-1	77025.47	78928.76	80261.64	78738.62	2.07	ppb
Terbium	159-1				113		%
Thallium	203-1	0.00	-0.01	0.01	0.00	1916.73	ppb
Thallium	205-1	0.06	0.11	0.12	0.09	33.95	ppb
Tin	118-1	0.39	0.35	0.34	0.36	7.18	ppb
Titanium	47-1	1900.93	1937.75	1914.21	1917.63	0.97	ppb
Uranium	238-1	0.02	0.02	0.00	0.02	63.41	ppb
Vanadium	51-1	0.16	0.19	0.20	0.18	12.19	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				109		%
Zinc	66-1	11.32	11.90	11.97	11.73	3.07	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	23.36	ppb
Zirconium	91-1	-0.01	0.03	0.06	0.03	118.27	ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:55:22	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	100889.13	92792.40	89870.48	94517.34	6.04	ppb
Antimony	121-1	21.20	21.06	21.12	21.13	0.34	ppb
Arsenic	75-1	20.81	21.88	21.04	21.24	2.67	ppb
Barium	135-1	21.03	20.96	20.80	20.93	0.58	ppb
Barium	137-1	20.65	20.75	19.60	20.34	3.14	ppb
Beryllium	9-1	20.60	19.36	19.14	19.70	4.00	ppb
Bismuth	209-1				106		%
Boron	10-1	66.66	63.04	61.62	63.78	4.07	ppb
Boron	11-1	62.53	63.25	63.21	63.00	0.64	ppb
Bromine	81-1						cps
Cadmium	111-1	19.49	19.82	19.55	19.62	0.91	ppb
Cadmium	106-1	26.01	24.18	22.58	24.26	7.07	ppb
Cadmium	108-1	33.23	30.22	31.19	31.54	4.88	ppb
Calcium	43-1	97345.36	91107.49	91067.83	93173.56	3.88	ppb
Calcium	44-1	97533.62	92215.79	93564.38	94437.93	2.93	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	41.71	37.78	37.82	39.10	5.77	ppb
Cobalt	59-1	21.81	20.03	19.62	20.49	5.69	ppb
Copper	63-1	30.37	27.50	27.64	28.50	5.67	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				112		%
Indium	115-1				107		%
Iron	56-1	105728.91	95619.46	95860.53	99069.63	5.82	ppb
Iron	57-1	104449.25	94955.84	94634.90	98013.33	5.69	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	24.06	23.51	23.72	23.76	1.17	ppb
Lead	207-1	23.03	22.62	23.36	23.01	1.62	ppb
Lead	208-1	22.77	22.38	22.73	22.63	0.94	ppb
Lithium	6-1				108		%
Magnesium	24-1	102716.12	94278.95	95277.90	97424.33	4.73	ppb
Manganese	55-1	28.15	25.38	25.07	26.20	6.48	ppb
Molybdenum	94-1	1687.49	1729.63	1661.75	1692.96	2.02	ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:55:22	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	1934.83	1983.55	1928.15	1948.84	1.55	ppb
Molybdenum	96-1	1905.60	1984.53	1921.16	1937.10	2.16	ppb
Molybdenum	97-1	1939.95	1997.44	1997.72	1978.37	1.68	ppb
Molybdenum	98-1	1905.71	1978.82	1948.22	1944.25	1.89	ppb
Neodymium	150-1						cps
Nickel	60-1	25.38	23.99	23.66	24.35	3.75	ppb
Phosphorus	31-1	102199.89	95283.73	95514.07	97665.90	4.02	ppb
Potassium	39-1	106292.58	93358.07	94472.85	98041.17	7.31	ppb
Rhodium	103-1				106		%
Scandium	45-1				111		%
Selenium	77-1	23.68	25.37	21.65	23.57	7.90	ppb
Selenium	78-1	1.79	22.97	12.89	12.55	84.39	ppb
Selenium	82-1	17.78	17.84	18.58	18.07	2.48	ppb
Silicon	28-1	55.06	11.88	24.63	30.52	72.67	ppb
Silver	107-1	19.24	18.50	17.96	18.57	3.44	ppb
Silver	109-1	18.31	18.77	18.58	18.55	1.26	ppb
Sodium	23-1	109806.06	96709.12	94993.11	100502.76	8.06	ppb
Strontium	86-1	83.15	85.20	81.38	83.24	2.30	ppb
Strontium	88-1	83.54	83.20	81.89	82.87	1.05	ppb
Sulfur	34-1	86772.89	76994.16	79625.45	81130.83	6.24	ppb
Terbium	159-1				114		%
Thallium	203-1	20.49	19.13	20.07	19.89	3.49	ppb
Thallium	205-1	19.62	19.37	21.07	20.02	4.58	ppb
Tin	118-1	49.57	48.88	48.15	48.87	1.45	ppb
Titanium	47-1	2156.23	2008.89	1964.55	2043.22	4.91	ppb
Uranium	238-1	48.67	45.91	49.83	48.14	4.18	ppb
Vanadium	51-1	20.53	18.91	18.33	19.26	5.94	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				110		%
Zinc	66-1	32.76	29.55	29.96	30.76	5.68	ppb
Zirconium	90-1	49.05	48.38	47.32	48.25	1.81	ppb
Zirconium	91-1	47.25	47.63	46.33	47.07	1.42	ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:58:19	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	49999.93	48409.91	49578.62	49329.49	1.67	ppb
Antimony	121-1	483.67	510.83	506.08	500.19	2.90	ppb
Arsenic	75-1	480.25	485.34	495.79	487.13	1.63	ppb
Barium	135-1	2464.82	2588.95	2519.66	2524.48	2.46	ppb
Barium	137-1	2489.89	2553.23	2556.81	2533.31	1.49	ppb
Beryllium	9-1	474.80	481.14	486.42	480.79	1.21	ppb
Bismuth	209-1				107		%
Boron	10-1	455.70	501.04	521.35	492.70	6.82	ppb
Boron	11-1	469.37	501.26	526.75	499.13	5.76	ppb
Bromine	81-1						cps
Cadmium	111-1	464.30	483.71	489.30	479.10	2.74	ppb
Cadmium	106-1	479.55	511.75	506.41	499.24	3.46	ppb
Cadmium	108-1	471.91	497.72	497.04	488.89	3.01	ppb
Calcium	43-1	240455.62	243195.45	248835.57	244162.22	1.75	ppb
Calcium	44-1	239413.85	241394.95	249465.30	243424.70	2.19	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	503.32	483.61	490.53	492.49	2.03	ppb
Cobalt	59-1	497.92	471.74	488.30	485.98	2.72	ppb
Copper	63-1	5046.86	4975.11	5051.26	5024.41	0.85	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				110		%
Indium	115-1				106		%
Iron	56-1	127031.33	122302.03	124889.94	124741.10	1.90	ppb
Iron	57-1	130400.73	121921.54	126828.69	126383.65	3.37	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	2488.99	2452.28	2492.11	2477.79	0.89	ppb
Lead	207-1	2503.79	2467.19	2531.12	2500.70	1.28	ppb
Lead	208-1	2449.55	2486.92	2521.06	2485.85	1.44	ppb
Lithium	6-1				106		%
Magnesium	24-1	253340.63	243117.38	254178.78	250212.26	2.46	ppb
Manganese	55-1	4945.54	4851.32	4903.31	4900.05	0.96	ppb
Molybdenum	94-1	4856.23	4856.84	4933.94	4882.34	0.92	ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:58:19	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	4886.04	4916.40	4954.96	4919.13	0.70	ppb
Molybdenum	96-1	4845.98	4972.04	5045.67	4954.56	2.04	ppb
Molybdenum	97-1	4883.29	5012.51	5036.35	4977.38	1.65	ppb
Molybdenum	98-1	4990.20	5005.15	5010.17	5001.84	0.21	ppb
Neodymium	150-1						cps
Nickel	60-1	466.31	443.57	455.11	454.99	2.50	ppb
Phosphorus	31-1	10048.90	9939.36	10247.90	10078.72	1.55	ppb
Potassium	39-1	125951.62	121202.88	127518.21	124890.90	2.63	ppb
Rhodium	103-1				103		%
Scandium	45-1				111		%
Selenium	77-1	479.50	492.85	501.72	491.36	2.28	ppb
Selenium	78-1	458.93	483.50	496.02	479.48	3.94	ppb
Selenium	82-1	474.95	478.48	480.23	477.89	0.56	ppb
Silicon	28-1	431.79	436.02	463.41	443.74	3.87	ppb
Silver	107-1	472.78	510.79	498.10	493.89	3.92	ppb
Silver	109-1	472.09	497.75	496.07	488.64	2.94	ppb
Sodium	23-1	255837.40	251725.65	262159.43	256574.16	2.05	ppb
Strontium	86-1	12378.61	12455.85	12848.61	12561.03	2.01	ppb
Strontium	88-1	12078.75	12263.22	12710.62	12350.86	2.63	ppb
Sulfur	34-1	7849.13	7136.67	7540.16	7508.66	4.76	ppb
Terbium	159-1				113		%
Thallium	203-1	468.92	477.34	488.54	478.26	2.06	ppb
Thallium	205-1	507.14	490.76	495.37	497.75	1.70	ppb
Tin	118-1	495.60	517.99	515.42	509.67	2.40	ppb
Titanium	47-1	4978.96	4933.84	5017.85	4976.88	0.84	ppb
Uranium	238-1	509.21	518.35	519.21	515.59	1.08	ppb
Vanadium	51-1	502.39	496.46	503.63	500.83	0.77	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				109		%
Zinc	66-1	5077.24	4872.64	5088.40	5012.76	2.42	ppb
Zirconium	90-1	491.54	502.55	515.09	503.06	2.34	ppb
Zirconium	91-1	468.13	473.53	493.58	478.41	2.80	ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:12:31	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	1.35	1.20	1.18	1.24	7.46	ppb
Antimony	121-1	0.03	0.05	0.04	0.04	20.75	ppb
Arsenic	75-1	-0.01	-0.05	0.04	0.00		ppb
Barium	135-1	0.01	0.01	0.01	0.01	2.75	ppb
Barium	137-1	0.03	0.03	0.02	0.03	26.76	ppb
Beryllium	9-1	0.03	0.02	0.01	0.02	40.54	ppb
Bismuth	209-1				107		%
Boron	10-1	10.38	10.82	10.29	10.50	2.71	ppb
Boron	11-1	11.19	10.53	10.48	10.73	3.71	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.05	0.00	0.02	137.34	ppb
Cadmium	106-1	-1.22	1.96	-1.47	-0.24		ppb
Cadmium	108-1	-0.38	-0.19	-0.13	-0.24		ppb
Calcium	43-1	0.54	2.54	0.93	1.34	79.32	ppb
Calcium	44-1	2.12	1.21	1.30	1.54	32.47	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	-0.04	-0.12	-0.03	-0.06		ppb
Cobalt	59-1	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-1	0.10	0.10	0.12	0.10	10.19	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				104		%
Indium	115-1				102		%
Iron	56-1	-22.41	-18.11	-18.45	-19.66		ppb
Iron	57-1	-23.99	-24.34	-20.29	-22.87		ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.05	-0.01	0.02	191.64	ppb
Lead	207-1	0.01	0.08	-0.02	0.02	208.34	ppb
Lead	208-1	0.03	0.03	0.00	0.02	107.37	ppb
Lithium	6-1				103		%
Magnesium	24-1	1.92	1.93	1.79	1.88	4.16	ppb
Manganese	55-1	0.14	0.08	0.14	0.12	25.90	ppb
Molybdenum	94-1	0.09	0.13	0.09	0.10	21.97	ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:12:31	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	0.07	0.09	0.09	0.09	11.81	ppb
Molybdenum	96-1	0.14	0.10	0.13	0.12	19.79	ppb
Molybdenum	97-1	0.18	0.11	0.10	0.13	35.76	ppb
Molybdenum	98-1	0.15	0.11	0.11	0.12	20.44	ppb
Neodymium	150-1						cps
Nickel	60-1	0.02	0.03	0.01	0.02	33.44	ppb
Phosphorus	31-1	-10.23	-8.39	-10.09	-9.57		ppb
Potassium	39-1	1.20	-7.93	-10.93	-5.89		ppb
Rhodium	103-1				103		%
Scandium	45-1				104		%
Selenium	77-1	0.89	-0.21	1.19	0.62	118.48	ppb
Selenium	78-1	2.23	17.04	1.28	6.85	129.01	ppb
Selenium	82-1	-0.95	0.03	-1.49	-0.80		ppb
Silicon	28-1	-19.29	-10.49	-9.76	-13.18		ppb
Silver	107-1	0.01	0.00	0.01	0.01	85.24	ppb
Silver	109-1	0.00	0.00	0.00	0.00	6.65	ppb
Sodium	23-1	18.24	17.45	18.79	18.16	3.71	ppb
Strontium	86-1	0.10	0.05	0.15	0.10	45.68	ppb
Strontium	88-1	0.07	0.07	0.08	0.07	7.55	ppb
Sulfur	34-1	-1674.57	-1753.45	-1840.10	-1756.04		ppb
Terbium	159-1				105		%
Thallium	203-1	-0.01	-0.03	-0.01	-0.02		ppb
Thallium	205-1	0.03	0.02	0.05	0.03	47.92	ppb
Tin	118-1	0.19	0.15	0.10	0.14	31.80	ppb
Titanium	47-1	0.18	0.07	0.14	0.13	41.88	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	151.72	ppb
Vanadium	51-1	0.02	0.01	0.01	0.01	47.64	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				102		%
Zinc	66-1	0.38	0.30	0.26	0.31	18.74	ppb
Zirconium	90-1	0.00	0.02	0.04	0.02	123.27	ppb
Zirconium	91-1	-0.01	-0.03	0.02	-0.01		ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:15:27	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	21.31	20.14	19.48	20.31	4.57	ppb
Antimony	121-1	2.03	1.88	2.10	2.01	5.66	ppb
Arsenic	75-1	1.01	1.16	1.05	1.07	7.32	ppb
Barium	135-1	10.29	11.02	10.46	10.59	3.60	ppb
Barium	137-1	10.00	10.10	10.32	10.14	1.64	ppb
Beryllium	9-1	1.09	1.04	1.07	1.07	2.27	ppb
Bismuth	209-1				105		%
Boron	10-1	28.78	28.88	28.88	28.85	0.21	ppb
Boron	11-1	28.40	28.21	30.13	28.91	3.65	ppb
Bromine	81-1						cps
Cadmium	111-1	1.13	1.13	1.06	1.11	3.98	ppb
Cadmium	106-1	-2.19	-0.30	-0.13	-0.87		ppb
Cadmium	108-1	1.13	1.36	1.15	1.21	10.60	ppb
Calcium	43-1	504.18	480.35	453.82	479.45	5.25	ppb
Calcium	44-1	519.81	485.56	464.34	489.91	5.71	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	2.45	2.18	1.89	2.17	13.01	ppb
Cobalt	59-1	1.08	1.02	1.01	1.04	3.74	ppb
Copper	63-1	2.35	2.15	2.00	2.17	8.14	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				103		%
Indium	115-1				102		%
Iron	56-1	91.09	45.90	28.58	55.19	58.48	ppb
Iron	57-1	52.41	26.35	31.10	36.62	37.90	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	0.97	0.96	0.99	0.97	1.61	ppb
Lead	207-1	1.21	1.12	0.86	1.06	17.21	ppb
Lead	208-1	1.07	1.00	0.94	1.00	6.23	ppb
Lithium	6-1				104		%
Magnesium	24-1	567.32	525.03	506.00	532.78	5.89	ppb
Manganese	55-1	1.42	1.17	1.12	1.24	13.01	ppb
Molybdenum	94-1	6.48	5.95	5.94	6.12	5.04	ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:15:27	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	5.20	5.30	5.15	5.22	1.49	ppb
Molybdenum	96-1	5.44	5.13	5.17	5.25	3.23	ppb
Molybdenum	97-1	5.53	5.09	5.39	5.34	4.25	ppb
Molybdenum	98-1	5.60	5.31	5.14	5.35	4.35	ppb
Neodymium	150-1						cps
Nickel	60-1	1.13	0.99	0.94	1.02	9.37	ppb
Phosphorus	31-1	27.04	8.99	6.89	14.30	77.44	ppb
Potassium	39-1	595.16	479.57	461.04	511.92	14.20	ppb
Rhodium	103-1				103		%
Scandium	45-1				102		%
Selenium	77-1	6.76	6.10	6.47	6.44	5.18	ppb
Selenium	78-1	33.53	8.13	-5.92	11.91	167.83	ppb
Selenium	82-1	4.28	4.13	4.28	4.23	2.06	ppb
Silicon	28-1	30.85	-10.47	-28.00	-2.54		ppb
Silver	107-1	1.03	1.09	0.99	1.03	5.00	ppb
Silver	109-1	1.05	1.00	1.04	1.03	2.31	ppb
Sodium	23-1	581.15	527.05	507.88	538.69	7.05	ppb
Strontium	86-1	1.12	1.03	1.02	1.06	5.21	ppb
Strontium	88-1	1.05	1.03	1.02	1.04	1.23	ppb
Sulfur	34-1	-303.65	-1563.67	-1518.62	-1128.65		ppb
Terbium	159-1				105		%
Thallium	203-1	1.09	0.80	0.96	0.95	14.88	ppb
Thallium	205-1	0.94	1.02	1.00	0.99	4.31	ppb
Tin	118-1	5.32	5.21	5.03	5.19	2.88	ppb
Titanium	47-1	5.73	4.85	4.80	5.13	10.22	ppb
Uranium	238-1	0.97	0.89	0.92	0.93	4.36	ppb
Vanadium	51-1	5.37	4.91	4.93	5.07	5.10	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				102		%
Zinc	66-1	2.37	2.31	2.47	2.38	3.33	ppb
Zirconium	90-1	0.97	1.01	0.94	0.97	3.27	ppb
Zirconium	91-1	0.94	0.92	0.97	0.94	2.42	ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	N3734-03	Instrumnet Name :	P8
Client Sample ID :	WS-MINERALS-MIX-1	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:26:55	DataFile Name :	021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	5.80	5.63	7.12	6.19	13.20	ppb
Antimony	121-1	0.00	0.01	0.00	0.00	40.74	ppb
Arsenic	75-1	0.01	-0.03	-0.05	-0.03		ppb
Barium	135-1	0.07	0.06	0.07	0.07	13.45	ppb
Barium	137-1	0.06	0.08	0.06	0.07	22.12	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	148.94	ppb
Bismuth	209-1				108		%
Boron	10-1	32.29	32.33	34.43	33.02	3.71	ppb
Boron	11-1	30.72	31.57	34.68	32.33	6.44	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	-0.02	-0.01	-0.01		ppb
Cadmium	106-1	1.20	-1.25	0.56	0.17	740.80	ppb
Cadmium	108-1	0.20	-0.08	0.14	0.09	174.40	ppb
Calcium	43-1	24.82	21.83	21.66	22.77	7.80	ppb
Calcium	44-1	24.77	19.31	22.71	22.26	12.38	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	0.03	0.00	0.07	0.03	111.49	ppb
Cobalt	59-1	0.01	0.01	0.01	0.01	8.79	ppb
Copper	63-1	0.68	0.60	0.70	0.66	7.43	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				106		%
Indium	115-1				105		%
Iron	56-1	47.98	-16.47	12.62	14.71	219.45	ppb
Iron	57-1	19.57	8.20	15.24	14.33	40.05	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	0.41	0.40	0.32	0.38	13.89	ppb
Lead	207-1	0.28	0.29	0.32	0.29	7.62	ppb
Lead	208-1	0.29	0.31	0.33	0.31	6.07	ppb
Lithium	6-1				108		%
Magnesium	24-1	1.60	1.37	1.51	1.49	7.58	ppb
Manganese	55-1	1.29	1.18	1.28	1.25	4.59	ppb
Molybdenum	94-1	0.12	0.08	0.10	0.10	22.29	ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	N3734-03	Instrumnet Name :	P8
Client Sample ID :	WS-MINERALS-MIX-1	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:26:55	DataFile Name :	021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	0.05	0.05	0.05	0.05	4.80	ppb
Molybdenum	96-1	0.06	0.07	0.05	0.06	19.34	ppb
Molybdenum	97-1	0.05	0.03	0.07	0.05	41.60	ppb
Molybdenum	98-1	0.05	0.05	0.09	0.06	34.43	ppb
Neodymium	150-1						cps
Nickel	60-1	0.09	0.10	0.08	0.09	15.34	ppb
Phosphorus	31-1	-9.35	-11.30	-6.91	-9.19		ppb
Potassium	39-1	34574.10	31833.88	33493.93	33300.64	4.14	ppb
Rhodium	103-1				105		%
Scandium	45-1				104		%
Selenium	77-1	1.04	-0.77	-0.02	0.08	1096.03	ppb
Selenium	78-1	-2.96	3.72	11.71	4.16	176.69	ppb
Selenium	82-1	-0.55	-0.86	-1.18	-0.86		ppb
Silicon	28-1	151.58	127.96	148.82	142.78	9.05	ppb
Silver	107-1	-0.02	-0.01	-0.01	-0.01		ppb
Silver	109-1	0.00	0.00	-0.01	0.00		ppb
Sodium	23-1	21592.90	20981.78	21093.29	21222.66	1.53	ppb
Strontium	86-1	0.10	-0.02	0.02	0.03	191.34	ppb
Strontium	88-1	0.13	0.10	0.10	0.11	13.44	ppb
Sulfur	34-1	-407.28	-1519.82	-850.24	-925.78		ppb
Terbium	159-1				107		%
Thallium	203-1	-0.01	-0.01	-0.04	-0.02		ppb
Thallium	205-1	0.02	0.02	0.01	0.02	40.66	ppb
Tin	118-1	1.38	1.32	1.35	1.35	2.18	ppb
Titanium	47-1	0.22	0.00	0.05	0.09	129.39	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	207.98	ppb
Vanadium	51-1	0.01	0.00	0.00	0.00	132.11	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				102		%
Zinc	66-1	2.10	1.84	1.87	1.94	7.34	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	7.12	ppb
Zirconium	91-1	0.04	0.01	0.01	0.02	73.31	ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	N3734-05	Instrumnet Name :	P8
Client Sample ID :	WS-TRACE-ELEMENTS	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:29:54	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	6.39	6.48	10.64	7.84	30.97	ppb
Antimony	121-1	38.86	40.91	41.07	40.28	3.07	ppb
Arsenic	75-1	35.74	36.14	34.32	35.40	2.71	ppb
Barium	135-1	860.95	905.15	927.49	897.86	3.77	ppb
Barium	137-1	862.27	928.87	927.76	906.30	4.21	ppb
Beryllium	9-1	17.12	16.78	16.71	16.87	1.32	ppb
Bismuth	209-1				110		%
Boron	10-1	21.16	21.16	22.44	21.59	3.43	ppb
Boron	11-1	20.93	21.75	23.68	22.12	6.39	ppb
Bromine	81-1						cps
Cadmium	111-1	34.37	36.01	37.19	35.86	3.95	ppb
Cadmium	106-1	25.63	28.64	37.82	30.70	20.69	ppb
Cadmium	108-1	30.72	27.95	28.95	29.21	4.79	ppb
Calcium	43-1	5.78	4.90	15.30	8.66	66.63	ppb
Calcium	44-1	1.72	2.05	10.71	4.83	105.57	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	39.10	39.64	41.01	39.91	2.47	ppb
Cobalt	59-1	0.02	0.02	0.02	0.02	19.87	ppb
Copper	63-1	608.18	631.30	630.50	623.33	2.11	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				110		%
Indium	115-1				104		%
Iron	56-1	-26.03	-22.66	-3.65	-17.45		ppb
Iron	57-1	-18.57	-21.42	-8.21	-16.07		ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	52.98	51.04	48.94	50.98	3.97	ppb
Lead	207-1	52.07	51.50	50.13	51.23	1.94	ppb
Lead	208-1	52.97	51.90	49.68	51.52	3.25	ppb
Lithium	6-1				108		%
Magnesium	24-1	0.86	0.93	9.98	3.92	133.78	ppb
Manganese	55-1	0.10	0.11	0.20	0.13	40.99	ppb
Molybdenum	94-1	0.20	0.21	0.23	0.21	8.48	ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	N3734-05	Instrumnet Name :	P8
Client Sample ID :	WS-TRACE-ELEMENTS	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:29:54	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	0.02	0.00	0.18	0.07	140.92	ppb
Molybdenum	96-1	0.04	0.04	0.21	0.10	98.88	ppb
Molybdenum	97-1	0.03	0.01	0.11	0.05	102.17	ppb
Molybdenum	98-1	0.03	0.05	0.18	0.09	93.32	ppb
Neodymium	150-1						cps
Nickel	60-1	84.22	86.21	87.24	85.89	1.78	ppb
Phosphorus	31-1	-11.54	-12.51	-5.32	-9.79		ppb
Potassium	39-1	-9.16	-20.91	1.84	-9.41		ppb
Rhodium	103-1				107		%
Scandium	45-1				104		%
Selenium	77-1	73.36	60.19	69.77	67.77	10.05	ppb
Selenium	78-1	58.82	74.01	50.50	61.11	19.50	ppb
Selenium	82-1	68.61	69.22	64.83	67.55	3.52	ppb
Silicon	28-1	25.49	28.88	46.85	33.74	34.03	ppb
Silver	107-1	0.00	-0.01	0.00	0.00		ppb
Silver	109-1	0.00	0.01	0.00	0.00	242.48	ppb
Sodium	23-1	27.63	29.55	40.97	32.72	22.04	ppb
Strontium	86-1	0.02	0.00	0.30	0.11	162.45	ppb
Strontium	88-1	0.06	0.06	0.28	0.13	91.97	ppb
Sulfur	34-1	-1112.31	-1332.24	-688.86	-1044.47		ppb
Terbium	159-1				107		%
Thallium	203-1	7.63	7.66	7.75	7.68	0.79	ppb
Thallium	205-1	8.29	7.74	7.72	7.92	4.13	ppb
Tin	118-1	0.11	0.04	0.16	0.11	57.63	ppb
Titanium	47-1	0.04	-0.06	0.30	0.09	196.74	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	203.53	ppb
Vanadium	51-1	0.00	0.00	0.03	0.01	202.59	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				104		%
Zinc	66-1	0.38	0.35	0.56	0.43	26.14	ppb
Zirconium	90-1	0.09	0.07	0.08	0.08	12.96	ppb
Zirconium	91-1	0.03	0.06	0.09	0.06	44.61	ppb

LB Number : LB121724 Operator : Jaswal
 Lab Sample ID : N3734-06 Instrumnet Name : P8
 Client Sample ID : WS-TRACE-ELEMENTS Dilution Factor : 1
 Date & Time Acquired : 2022-08-24 14:32:50 DataFile Name : 023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	13.99	13.22	13.65	13.62	2.82	ppb
Antimony	121-1	0.02	0.02	0.03	0.02	38.66	ppb
Arsenic	75-1	-0.02	-0.03	-0.09	-0.04		ppb
Barium	135-1	0.12	0.13	0.15	0.13	10.53	ppb
Barium	137-1	0.06	0.06	0.08	0.07	17.12	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	9.19	ppb
Bismuth	209-1				107		%
Boron	10-1	1184.25	1282.26	1425.72	1297.41	9.36	ppb
Boron	11-1	1191.10	1293.94	1464.34	1316.46	10.48	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	-0.06	-0.06	-0.05		ppb
Cadmium	106-1	-0.66	-3.12	-1.99	-1.92		ppb
Cadmium	108-1	1.03	0.76	0.86	0.88	15.53	ppb
Calcium	43-1	8.14	2.34	2.24	4.24	79.69	ppb
Calcium	44-1	6.86	-0.78	5.36	3.81	106.23	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	0.07	-0.05	0.16	0.06	182.03	ppb
Cobalt	59-1	0.07	0.06	0.06	0.07	12.38	ppb
Copper	63-1	0.14	-0.01	0.11	0.08	101.83	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				106		%
Indium	115-1				106		%
Iron	56-1	6.62	-32.44	3.06	-7.59		ppb
Iron	57-1	1.18	-23.27	-10.88	-10.99		ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.05	0.17	0.09	71.12	ppb
Lead	207-1	0.03	0.14	0.03	0.07	92.20	ppb
Lead	208-1	0.08	0.09	0.09	0.08	5.16	ppb
Lithium	6-1				107		%
Magnesium	24-1	0.96	0.69	0.80	0.82	16.51	ppb
Manganese	55-1	915.04	883.87	934.76	911.22	2.82	ppb
Molybdenum	94-1	80.91	76.32	78.75	78.66	2.92	ppb

LB Number : LB121724 Operator : Jaswal
 Lab Sample ID : N3734-06 Instrumnet Name : P8
 Client Sample ID : WS-TRACE-ELEMENTS Dilution Factor : 1
 Date & Time Acquired : 2022-08-24 14:32:50 DataFile Name : 023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	96.05	94.29	94.94	95.10	0.94	ppb
Molybdenum	96-1	94.72	92.79	93.93	93.82	1.04	ppb
Molybdenum	97-1	99.84	94.72	96.20	96.92	2.72	ppb
Molybdenum	98-1	97.01	95.35	97.71	96.69	1.26	ppb
Neodymium	150-1						cps
Nickel	60-1	0.00	0.04	0.08	0.04	102.93	ppb
Phosphorus	31-1	-5.07	-15.79	-7.39	-9.42		ppb
Potassium	39-1	5.53	-28.96	5.34	-6.03		ppb
Rhodium	103-1				106		%
Scandium	45-1				103		%
Selenium	77-1	1.00	0.24	2.09	1.11	83.89	ppb
Selenium	78-1	11.04	-20.97	-2.73	-4.22		ppb
Selenium	82-1	-0.92	-1.59	-0.56	-1.02		ppb
Silicon	28-1	244.27	207.88	228.14	226.76	8.04	ppb
Silver	107-1	0.06	0.07	0.05	0.06	22.94	ppb
Silver	109-1	0.06	0.06	0.08	0.06	15.53	ppb
Sodium	23-1	52.40	43.21	50.47	48.69	9.95	ppb
Strontium	86-1	0.12	-0.15	-0.01	-0.01		ppb
Strontium	88-1	0.06	0.04	0.05	0.05	21.73	ppb
Sulfur	34-1	-521.33	-1654.10	-751.58	-975.67		ppb
Terbium	159-1				109		%
Thallium	203-1	-0.06	-0.03	-0.07	-0.05		ppb
Thallium	205-1	0.01	-0.03	0.01	0.00		ppb
Tin	118-1	0.11	0.11	0.15	0.12	18.20	ppb
Titanium	47-1	0.16	0.22	0.21	0.20	16.20	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-1	0.01	0.01	0.00	0.01	150.55	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				104		%
Zinc	66-1	1203.09	1147.32	1196.28	1182.23	2.57	ppb
Zirconium	90-1	0.27	0.29	0.27	0.27	3.72	ppb
Zirconium	91-1	0.28	0.27	0.29	0.28	2.97	ppb

LB Number : LB121724 Operator : Jaswal
 Lab Sample ID : N3734-07 Instrumnet Name : P8
 Client Sample ID : WS-TRACE-ELEMENTS Dilution Factor : 1
 Date & Time Acquired : 2022-08-24 14:35:48 DataFile Name : 024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	586.79	563.03	585.71	578.51	2.32	ppb
Antimony	121-1	0.04	0.02	0.05	0.03	41.23	ppb
Arsenic	75-1	-0.04	-0.02	-0.10	-0.06		ppb
Barium	135-1	0.06	0.05	0.05	0.05	17.21	ppb
Barium	137-1	0.07	0.07	0.07	0.07	2.04	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	128.34	ppb
Bismuth	209-1				107		%
Boron	10-1	156.55	129.21	125.02	136.93	12.50	ppb
Boron	11-1	161.04	133.78	126.47	140.43	12.97	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	-0.02	-0.06	-0.03		ppb
Cadmium	106-1	1.14	-0.96	-3.83	-1.22		ppb
Cadmium	108-1	-0.06	-0.01	0.15	0.02	462.12	ppb
Calcium	43-1	1.23	4.63	2.05	2.64	67.36	ppb
Calcium	44-1	-0.75	-3.53	-0.92	-1.73		ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	-0.04	-0.15	-0.07	-0.09		ppb
Cobalt	59-1	0.01	0.00	0.02	0.01	93.61	ppb
Copper	63-1	-0.04	-0.03	-0.04	-0.04		ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				109		%
Indium	115-1				106		%
Iron	56-1	355.66	346.05	347.34	349.68	1.49	ppb
Iron	57-1	389.73	362.92	367.72	373.46	3.83	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.05	0.02	0.04	53.07	ppb
Lead	207-1	-0.02	0.09	-0.01	0.02	299.18	ppb
Lead	208-1	0.02	0.05	0.00	0.02	91.49	ppb
Lithium	6-1				108		%
Magnesium	24-1	3013.82	2867.64	2935.14	2938.87	2.49	ppb
Manganese	55-1	0.00	-0.02	0.05	0.01	472.76	ppb
Molybdenum	94-1	0.10	0.06	0.17	0.11	48.27	ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	N3734-07	Instrumnet Name :	P8
Client Sample ID :	WS-TRACE-ELEMENTS	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:35:48	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	0.07	0.01	0.04	0.04	71.94	ppb
Molybdenum	96-1	0.06	0.03	0.07	0.05	41.14	ppb
Molybdenum	97-1	0.01	0.02	0.01	0.01	59.00	ppb
Molybdenum	98-1	0.05	0.05	0.02	0.04	40.99	ppb
Neodymium	150-1						cps
Nickel	60-1	0.06	0.07	0.06	0.06	3.64	ppb
Phosphorus	31-1	-14.51	-14.56	-15.89	-14.99		ppb
Potassium	39-1	-37.89	-56.70	-41.01	-45.20		ppb
Rhodium	103-1				106		%
Scandium	45-1				108		%
Selenium	77-1	1.10	0.85	-0.09	0.62	101.10	ppb
Selenium	78-1	-15.70	-24.48	-12.41	-17.53		ppb
Selenium	82-1	-1.65	-0.93	-1.56	-1.38		ppb
Silicon	28-1	9.85	-13.59	-5.94	-3.23		ppb
Silver	107-1	160.61	157.68	164.77	161.02	2.21	ppb
Silver	109-1	158.01	157.44	160.12	158.52	0.89	ppb
Sodium	23-1	16.72	16.50	16.77	16.66	0.87	ppb
Strontium	86-1	0.08	-0.01	-0.06	0.00	1673.73	ppb
Strontium	88-1	0.03	0.03	0.04	0.03	8.99	ppb
Sulfur	34-1	-1732.89	-2532.84	-2154.95	-2140.22		ppb
Terbium	159-1				106		%
Thallium	203-1	-0.04	-0.08	-0.07	-0.06		ppb
Thallium	205-1	0.00	-0.03	-0.04	-0.02		ppb
Tin	118-1	0.13	0.11	0.16	0.13	19.85	ppb
Titanium	47-1	0.06	0.08	0.10	0.08	25.05	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	219.75	ppb
Vanadium	51-1	644.99	609.81	617.90	624.23	2.95	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				107		%
Zinc	66-1	0.37	0.54	0.17	0.36	50.89	ppb
Zirconium	90-1	0.04	0.04	0.05	0.04	15.60	ppb
Zirconium	91-1	0.00	0.07	0.04	0.03	93.21	ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	PB146293BL	Instrumnet Name :	P8
Client Sample ID :	PB146293BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:40:16	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	3.76	3.55	4.09	3.80	7.19	ppb
Antimony	121-1	-0.01	-0.01	-0.01	-0.01		ppb
Arsenic	75-1	-0.05	-0.11	0.03	-0.04		ppb
Barium	135-1	0.03	0.02	0.02	0.03	20.79	ppb
Barium	137-1	-0.01	0.00	0.01	0.00	1142.87	ppb
Beryllium	9-1	0.00	0.02	0.00	0.01	171.14	ppb
Bismuth	209-1				105		%
Boron	10-1	45.52	43.85	44.26	44.54	1.95	ppb
Boron	11-1	46.50	45.30	45.64	45.81	1.35	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.01	-0.06	-0.01		ppb
Cadmium	106-1	-0.53	-0.33	-2.88	-1.24		ppb
Cadmium	108-1	0.19	-0.07	0.28	0.13	135.06	ppb
Calcium	43-1	1.47	2.40	1.95	1.94	23.86	ppb
Calcium	44-1	0.96	-3.25	2.84	0.18	1700.95	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	0.01	0.00	-0.01	0.00		ppb
Cobalt	59-1	0.01	0.01	0.01	0.01	35.04	ppb
Copper	63-1	0.00	-0.07	-0.02	-0.03		ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				102		%
Indium	115-1				102		%
Iron	56-1	-1.21	-36.77	10.88	-9.03		ppb
Iron	57-1	-10.34	-22.71	-7.01	-13.35		ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	-0.03	-0.02	0.06	0.00	987.87	ppb
Lead	207-1	-0.03	-0.06	-0.08	-0.06		ppb
Lead	208-1	-0.02	-0.01	-0.01	-0.02		ppb
Lithium	6-1				104		%
Magnesium	24-1	0.62	0.56	0.63	0.60	5.80	ppb
Manganese	55-1	0.05	0.06	0.08	0.06	24.12	ppb
Molybdenum	94-1	0.06	0.02	0.05	0.04	45.14	ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	PB146293BL	Instrumnet Name :	P8
Client Sample ID :	PB146293BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:40:16	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	0.01	0.00	0.03	0.01	118.25	ppb
Molybdenum	96-1	0.00	0.01	0.02	0.01	104.36	ppb
Molybdenum	97-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.02	0.00	0.03	0.02	83.29	ppb
Neodymium	150-1						cps
Nickel	60-1	0.05	0.02	0.04	0.04	40.37	ppb
Phosphorus	31-1	-12.78	-16.53	-10.64	-13.32		ppb
Potassium	39-1	-23.91	-41.34	-7.89	-24.38		ppb
Rhodium	103-1				103		%
Scandium	45-1				104		%
Selenium	77-1	0.33	0.96	1.30	0.86	56.97	ppb
Selenium	78-1	9.13	-10.88	7.14	1.80	612.96	ppb
Selenium	82-1	-1.41	-0.73	-0.57	-0.90		ppb
Silicon	28-1	-5.56	-20.24	12.38	-4.47		ppb
Silver	107-1	0.00	0.01	-0.01	0.00	575.00	ppb
Silver	109-1	-0.01	0.01	0.01	0.00	223.95	ppb
Sodium	23-1	-3.84	-6.77	-0.93	-3.85		ppb
Strontium	86-1	0.04	-0.04	-0.02	0.00		ppb
Strontium	88-1	0.04	0.04	0.05	0.04	9.42	ppb
Sulfur	34-1	-1077.14	-1940.59	-832.26	-1283.33		ppb
Terbium	159-1				105		%
Thallium	203-1	-0.10	-0.05	0.01	-0.05		ppb
Thallium	205-1	-0.04	-0.02	-0.01	-0.02		ppb
Tin	118-1	0.07	0.04	-0.01	0.03	109.21	ppb
Titanium	47-1	-0.03	0.11	0.10	0.06	128.14	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	388.60	ppb
Vanadium	51-1	0.00	0.02	0.03	0.02	67.94	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				102		%
Zinc	66-1	0.11	0.12	-0.03	0.07	118.56	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	31.34	ppb
Zirconium	91-1	0.01	-0.03	-0.03	-0.02		ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	PB146293BS	Instrumnet Name :	P8
Client Sample ID :	PB146293BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:43:15	DataFile Name :	026LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	9669.78	10023.50	9906.56	9866.61	1.83	ppb
Antimony	121-1	511.24	534.27	513.53	519.68	2.44	ppb
Arsenic	75-1	489.29	491.48	512.06	497.61	2.52	ppb
Barium	135-1	2531.84	2630.89	2487.26	2549.99	2.88	ppb
Barium	137-1	2528.20	2567.01	2447.81	2514.34	2.42	ppb
Beryllium	9-1	480.15	494.48	474.16	482.93	2.16	ppb
Bismuth	209-1				105		%
Boron	10-1	442.84	492.97	479.17	471.66	5.49	ppb
Boron	11-1	455.40	491.72	500.22	482.45	4.93	ppb
Bromine	81-1						cps
Cadmium	111-1	513.01	523.22	507.88	514.70	1.52	ppb
Cadmium	106-1	508.22	521.68	515.45	515.12	1.31	ppb
Cadmium	108-1	523.84	527.93	517.31	523.03	1.02	ppb
Calcium	43-1	51513.73	54274.13	52538.26	52775.37	2.64	ppb
Calcium	44-1	51451.95	51644.35	51505.05	51533.78	0.19	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	480.01	510.67	500.92	497.20	3.15	ppb
Cobalt	59-1	503.29	526.45	488.66	506.13	3.76	ppb
Copper	63-1	4914.74	5057.28	4888.22	4953.41	1.84	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				108		%
Indium	115-1				104		%
Iron	56-1	24992.57	27153.96	25373.74	25840.09	4.46	ppb
Iron	57-1	26010.02	26702.67	25372.37	26028.35	2.56	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	2627.92	2533.48	2552.52	2571.30	1.94	ppb
Lead	207-1	2610.63	2549.21	2475.42	2545.09	2.66	ppb
Lead	208-1	2577.16	2501.08	2500.34	2526.19	1.75	ppb
Lithium	6-1				108		%
Magnesium	24-1	51707.26	52105.39	51951.45	51921.36	0.39	ppb
Manganese	55-1	4843.52	5154.47	4896.89	4964.96	3.35	ppb
Molybdenum	94-1	4765.51	4809.36	5108.63	4894.50	3.82	ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	PB146293BS	Instrumnet Name :	P8
Client Sample ID :	PB146293BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:43:15	DataFile Name :	026LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	4796.57	4778.66	5049.36	4874.87	3.11	ppb
Molybdenum	96-1	4838.89	4823.16	5104.73	4922.26	3.21	ppb
Molybdenum	97-1	4897.78	4851.57	5150.00	4966.45	3.23	ppb
Molybdenum	98-1	4929.64	4895.65	5153.94	4993.08	2.81	ppb
Neodymium	150-1						cps
Nickel	60-1	471.81	490.67	477.70	480.06	2.01	ppb
Phosphorus	31-1	9848.38	10201.43	10289.53	10113.11	2.31	ppb
Potassium	39-1	24528.28	25235.68	25454.88	25072.95	1.93	ppb
Rhodium	103-1				105		%
Scandium	45-1				106		%
Selenium	77-1	492.37	498.08	521.44	503.96	3.06	ppb
Selenium	78-1	506.87	500.30	541.16	516.11	4.25	ppb
Selenium	82-1	505.99	495.13	517.04	506.05	2.17	ppb
Silicon	28-1	471.77	549.36	506.45	509.19	7.63	ppb
Silver	107-1	509.07	528.78	502.45	513.43	2.67	ppb
Silver	109-1	506.91	518.19	506.78	510.63	1.28	ppb
Sodium	23-1	51535.71	52865.98	51027.39	51809.69	1.83	ppb
Strontium	86-1	12447.77	12629.62	12725.28	12600.89	1.12	ppb
Strontium	88-1	12293.94	12442.10	12816.77	12517.61	2.15	ppb
Sulfur	34-1	9406.27	9747.32	9177.31	9443.64	3.04	ppb
Terbium	159-1				108		%
Thallium	203-1	500.24	479.95	488.53	489.57	2.08	ppb
Thallium	205-1	523.74	520.13	515.19	519.69	0.83	ppb
Tin	118-1	520.06	527.26	529.30	525.54	0.92	ppb
Titanium	47-1	4856.85	5105.78	4886.79	4949.80	2.75	ppb
Uranium	238-1	508.37	505.08	487.25	500.23	2.27	ppb
Vanadium	51-1	477.97	503.66	493.50	491.71	2.63	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				105		%
Zinc	66-1	4926.05	5161.86	4916.88	5001.60	2.78	ppb
Zirconium	90-1	496.66	500.53	497.22	498.14	0.42	ppb
Zirconium	91-1	476.60	484.30	494.28	485.06	1.83	ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:46:11	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	50332.88	49807.55	47199.97	49113.47	3.42	ppb
Antimony	121-1	519.28	496.55	495.84	503.89	2.65	ppb
Arsenic	75-1	480.93	501.21	462.69	481.61	4.00	ppb
Barium	135-1	2566.01	2523.48	2499.12	2529.54	1.34	ppb
Barium	137-1	2532.22	2472.21	2431.50	2478.64	2.04	ppb
Beryllium	9-1	488.86	492.90	483.10	488.29	1.01	ppb
Bismuth	209-1				108		%
Boron	10-1	516.96	537.28	544.57	532.94	2.69	ppb
Boron	11-1	511.64	547.24	557.29	538.72	4.45	ppb
Bromine	81-1						cps
Cadmium	111-1	501.67	483.09	472.99	485.92	2.99	ppb
Cadmium	106-1	480.23	474.10	506.35	486.89	3.52	ppb
Cadmium	108-1	498.11	479.43	449.09	475.54	5.20	ppb
Calcium	43-1	250209.02	256134.79	245082.35	250475.39	2.21	ppb
Calcium	44-1	243039.10	247916.48	237884.09	242946.55	2.06	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	504.54	484.15	473.17	487.28	3.27	ppb
Cobalt	59-1	513.32	490.24	473.35	492.31	4.08	ppb
Copper	63-1	5162.91	4939.82	4687.43	4930.05	4.83	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				113		%
Indium	115-1				105		%
Iron	56-1	128773.15	123191.06	117096.21	123020.14	4.75	ppb
Iron	57-1	127960.30	123743.90	122038.65	124580.95	2.45	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	2524.09	2468.95	2436.63	2476.56	1.79	ppb
Lead	207-1	2533.46	2498.64	2485.85	2505.98	0.98	ppb
Lead	208-1	2517.28	2467.49	2471.65	2485.47	1.11	ppb
Lithium	6-1				107		%
Magnesium	24-1	257229.43	248789.89	238804.77	248274.70	3.71	ppb
Manganese	55-1	5090.06	4831.33	4524.16	4815.18	5.88	ppb
Molybdenum	94-1	4924.02	5093.28	4809.10	4942.14	2.89	ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:46:11	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	4910.82	5068.21	4833.28	4937.44	2.42	ppb
Molybdenum	96-1	4928.70	5109.23	4882.20	4973.38	2.41	ppb
Molybdenum	97-1	4989.27	5073.57	4903.40	4988.75	1.71	ppb
Molybdenum	98-1	5071.21	5096.77	4883.88	5017.29	2.32	ppb
Neodymium	150-1						cps
Nickel	60-1	482.41	456.01	435.16	457.86	5.17	ppb
Phosphorus	31-1	10217.22	10133.61	9498.49	9949.78	3.95	ppb
Potassium	39-1	127818.19	122486.85	120990.26	123765.10	2.90	ppb
Rhodium	103-1				103		%
Scandium	45-1				109		%
Selenium	77-1	490.17	533.98	470.79	498.31	6.50	ppb
Selenium	78-1	487.57	494.29	445.76	475.87	5.53	ppb
Selenium	82-1	482.44	493.27	469.65	481.79	2.45	ppb
Silicon	28-1	495.63	474.53	441.20	470.45	5.83	ppb
Silver	107-1	491.72	486.05	485.33	487.70	0.72	ppb
Silver	109-1	489.21	484.31	458.71	477.41	3.43	ppb
Sodium	23-1	272495.43	245995.26	241808.06	253432.92	6.57	ppb
Strontium	86-1	12197.52	12605.30	12424.39	12409.07	1.65	ppb
Strontium	88-1	12475.89	12543.65	12379.71	12466.42	0.66	ppb
Sulfur	34-1	9358.68	8225.09	6596.54	8060.11	17.23	ppb
Terbium	159-1				113		%
Thallium	203-1	488.06	464.71	464.81	472.53	2.85	ppb
Thallium	205-1	520.71	485.98	485.00	497.23	4.09	ppb
Tin	118-1	519.45	508.79	491.32	506.52	2.80	ppb
Titanium	47-1	5104.47	4916.19	4847.01	4955.89	2.69	ppb
Uranium	238-1	517.39	513.89	501.50	510.93	1.63	ppb
Vanadium	51-1	519.74	492.03	476.57	496.11	4.41	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				107		%
Zinc	66-1	5084.26	4960.03	4698.09	4914.13	4.01	ppb
Zirconium	90-1	502.99	508.26	498.14	503.13	1.01	ppb
Zirconium	91-1	491.21	497.92	474.84	487.99	2.43	ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:55:34	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.89	1.11	1.07	1.02	11.28	ppb
Antimony	121-1	0.03	0.05	0.06	0.05	36.65	ppb
Arsenic	75-1	-0.06	-0.06	-0.05	-0.06		ppb
Barium	135-1	0.04	0.03	-0.01	0.02	118.58	ppb
Barium	137-1	0.03	0.03	0.00	0.02	87.81	ppb
Beryllium	9-1	0.01	0.04	0.03	0.03	52.81	ppb
Bismuth	209-1				108		%
Boron	10-1	26.21	27.49	25.80	26.50	3.32	ppb
Boron	11-1	27.77	27.42	25.53	26.91	4.48	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.03	0.00	-0.01		ppb
Cadmium	106-1	-2.42	-3.24	-1.18	-2.28		ppb
Cadmium	108-1	-0.01	0.28	0.06	0.11	139.50	ppb
Calcium	43-1	-2.33	-1.49	-0.09	-1.30		ppb
Calcium	44-1	-4.57	0.26	-1.46	-1.92		ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	-0.09	-0.04	-0.07	-0.06		ppb
Cobalt	59-1	-0.01	0.01	0.01	0.00	688.38	ppb
Copper	63-1	-0.02	0.05	-0.05	-0.01		ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				106		%
Indium	115-1				101		%
Iron	56-1	-33.36	-5.23	-5.52	-14.70		ppb
Iron	57-1	-39.02	-23.58	-27.51	-30.04		ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	-0.04	0.03	0.09	0.03	253.87	ppb
Lead	207-1	0.03	-0.02	0.07	0.03	162.46	ppb
Lead	208-1	-0.01	0.02	0.04	0.02	152.17	ppb
Lithium	6-1				106		%
Magnesium	24-1	1.44	1.73	1.30	1.49	14.67	ppb
Manganese	55-1	0.01	0.25	0.10	0.12	101.85	ppb
Molybdenum	94-1	0.21	0.14	0.16	0.17	21.53	ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:55:34	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	0.16	0.20	0.15	0.17	14.98	ppb
Molybdenum	96-1	0.20	0.13	0.18	0.17	21.83	ppb
Molybdenum	97-1	0.27	0.23	0.19	0.23	16.25	ppb
Molybdenum	98-1	0.21	0.16	0.19	0.19	15.51	ppb
Neodymium	150-1						cps
Nickel	60-1	0.03	0.04	-0.02	0.02	165.71	ppb
Phosphorus	31-1	-13.76	-9.76	-8.42	-10.65		ppb
Potassium	39-1	-40.41	-4.96	-28.44	-24.60		ppb
Rhodium	103-1				102		%
Scandium	45-1				104		%
Selenium	77-1	-0.41	0.11	0.03	-0.09		ppb
Selenium	78-1	4.51	-0.16	-21.06	-5.57		ppb
Selenium	82-1	-0.13	0.20	0.12	0.06	283.17	ppb
Silicon	28-1	-41.00	-11.03	-20.72	-24.25		ppb
Silver	107-1	0.02	0.01	0.00	0.01	77.30	ppb
Silver	109-1	0.01	0.00	0.01	0.01	68.08	ppb
Sodium	23-1	8.12	13.27	10.16	10.52	24.65	ppb
Strontium	86-1	-0.10	-0.02	0.10	-0.01		ppb
Strontium	88-1	0.09	0.06	0.07	0.07	15.65	ppb
Sulfur	34-1	-2293.10	-1459.87	-1960.16	-1904.38		ppb
Terbium	159-1				106		%
Thallium	203-1	-0.06	-0.02	-0.02	-0.03		ppb
Thallium	205-1	-0.03	0.01	-0.01	-0.01		ppb
Tin	118-1	0.13	0.17	0.19	0.16	18.74	ppb
Titanium	47-1	0.13	0.01	0.13	0.09	78.57	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	208.61	ppb
Vanadium	51-1	0.00	-0.01	-0.01	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				105		%
Zinc	66-1	0.29	0.31	0.34	0.31	7.46	ppb
Zirconium	90-1	0.01	0.01	0.00	0.00	182.34	ppb
Zirconium	91-1	-0.01	-0.01	-0.02	-0.01		ppb

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:09:35	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	6728	6789	7610	7042	6.99	cps
Antimony	121-1	58	67	58	61	7.88	cps
Arsenic	75-1	175	183	183	181	2.66	cps
Barium	135-1	17	17	8	14	34.67	cps
Barium	137-1	33	25	33	31	15.74	cps
Beryllium	9-1	51	59	65	58	11.80	cps
Bismuth	209-1	2724401	2624079	2747875	2698785	2.44	cps
Boron	10-1	406	394	384	395	2.79	cps
Boron	11-1	1730	1816	1786	1777	2.46	cps
Bromine	81-1	13791	13891	13360	13681	2.06	cps
Cadmium	111-1	241	256	248	249	3.10	cps
Cadmium	106-1	2517	2584	2309	2470	5.81	cps
Cadmium	108-1	33	21	17	24	36.73	cps
Calcium	43-1	339	330	362	344	4.89	cps
Calcium	44-1	23016	22492	22318	22609	1.61	cps
Carbon	12-1	4329698	4210197	4237764	4259219	1.47	cps
Chlorine	35-1	474806	473985	468898	472563	0.68	cps
Chromium	52-1	19373	19864	19774	19670	1.33	cps
Cobalt	59-1	370	460	601	477	24.32	cps
Copper	63-1	5621	5581	5428	5543	1.84	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Erbium	164-1	17	17	33	22	43.28	cps
Gadolinium	160-1	25	33	67	42	52.92	cps
Holmium	165-1	5235065	5103458	4930484	5089669	3.00	cps
Indium	115-1	5574471	5212863	5374616	5387317	3.36	cps
Iron	56-1	5781998	5678202	5708155	5722785	0.93	cps
Iron	57-1	71139	69841	71470	70817	1.22	cps
Iron	54-1						cps
Krypton	83-1	679	684	682	682	0.38	cps
Lead	206-1	541	501	541	527	4.38	cps
Lead	207-1	501	450	531	494	8.19	cps
Lead	208-1	2269	2040	2188	2166	5.36	cps
Lithium	6-1	3042948	3012931	2965574	3007151	1.30	cps
Magnesium	24-1	10324	11196	11386	10969	5.16	cps
Manganese	55-1	19694	19313	19423	19477	1.01	cps
Molybdenum	94-1	83	200	167	150	40.06	cps

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:09:35	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	42	75	100	72	40.52	cps
Molybdenum	96-1	192	125	150	156	21.65	cps
Molybdenum	97-1	33	42	42	39	12.38	cps
Molybdenum	98-1	100	75	67	81	21.53	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Nickel	60-1	130	240	140	170	35.78	cps
Phosphorus	31-1	36734	35650	35259	35881	2.13	cps
Potassium	39-1	5257152	5210721	5222971	5230281	0.46	cps
Rhodium	103-1	5557258	5247087	5437722	5414022	2.89	cps
Scandium	45-1	4704421	4335743	4654921	4565028	4.38	cps
Selenium	77-1	100	100	100	100	0.01	cps
Selenium	78-1	73103	74360	73042	73502	1.01	cps
Selenium	82-1	60	61	41	54	20.68	cps
Silicon	28-1	1678248	1659924	1653523	1663898	0.77	cps
Silver	107-1	125	125	100	117	12.37	cps
Silver	109-1	83	67	67	72	13.33	cps
Sodium	23-1	905295	907754	900856	904635	0.39	cps
Strontium	86-1	1200	1100	1183	1161	4.61	cps
Strontium	88-1	142	150	192	161	16.63	cps
Sulfur	34-1	443329	442386	448974	444896	0.80	cps
Terbium	159-1	5444237	5100409	5464509	5336385	3.83	cps
Thallium	203-1	492	500	292	428	27.57	cps
Thallium	205-1	850	758	717	775	8.80	cps
Tin	118-1	892	708	742	781	12.51	cps
Titanium	47-1	325	392	450	389	16.08	cps
Uranium	238-1	17	42	0	19	107.85	cps
Vanadium	51-1	430	410	471	437	7.00	cps
Ytterbium	172-1	25	50	33	36	35.25	cps
Ytterbium	176-1	642	683	717	681	5.52	cps
Yttrium	89-1	10152957	9928587	9962435	10014659	1.21	cps
Zinc	66-1	681	661	551	631	11.11	cps
Zirconium	90-1	442	383	408	411	7.12	cps
Zirconium	91-1	92	92	158	114	33.80	cps

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:12:42	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	168337	163031	159996	163788	2.58	cps
Antimony	121-1	6960	6535	6702	6732	3.18	cps
Arsenic	75-1	1008	1308	1292	1203	14.02	cps
Barium	135-1	7477	7844	7702	7675	2.41	cps
Barium	137-1	13265	12514	13532	13104	4.03	cps
Beryllium	9-1	1364	1344	1287	1332	2.97	cps
Bismuth	209-1	2750220	2612450	2721719	2694796	2.70	cps
Boron	10-1	2338	2542	2588	2489	5.35	cps
Boron	11-1	11038	11921	12151	11703	5.02	cps
Bromine	81-1	14402	14983	13911	14432	3.72	cps
Cadmium	111-1	1005	1095	1066	1055	4.34	cps
Cadmium	106-1	2250	2617	2559	2475	7.96	cps
Cadmium	108-1	58	96	104	86	28.36	cps
Calcium	43-1	6832	7001	6662	6832	2.48	cps
Calcium	44-1	132337	134166	132417	132974	0.78	cps
Carbon	12-1	4339011	4322800	4271863	4311225	0.81	cps
Chlorine	35-1	457972	450797	453133	453967	0.81	cps
Chromium	52-1	37397	38340	36123	37287	2.98	cps
Cobalt	59-1	10595	10805	10104	10501	3.43	cps
Copper	63-1	16603	16453	16637	16564	0.59	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Erbium	164-1	42	50	33	42	20.00	cps
Gadolinium	160-1	67	33	42	47	36.74	cps
Holmium	165-1	5061060	5129396	5185884	5125447	1.22	cps
Indium	115-1	5337601	5185800	5274781	5266061	1.45	cps
Iron	56-1	6273392	6343217	6126312	6247640	1.77	cps
Iron	57-1	82682	83478	83296	83152	0.50	cps
Iron	54-1						cps
Krypton	83-1	710	711	656	692	4.53	cps
Lead	206-1	2263	2443	2283	2329	4.24	cps
Lead	207-1	1902	2022	1672	1865	9.55	cps
Lead	208-1	9038	9377	8622	9012	4.20	cps
Lithium	6-1	2903370	3020798	3054696	2992955	2.65	cps
Magnesium	24-1	3371897	3310683	3239497	3307359	2.00	cps
Manganese	55-1	31838	31858	30454	31383	2.57	cps
Molybdenum	94-1	8911	9387	8569	8956	4.58	cps

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:12:42	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	10479	10387	9870	10246	3.20	cps
Molybdenum	96-1	11905	11930	11397	11744	2.56	cps
Molybdenum	97-1	6385	6360	6402	6382	0.33	cps
Molybdenum	98-1	17011	16193	16302	16502	2.69	cps
Neodymium	150-1	7	13	20	13	49.99	cps
Nickel	60-1	2303	2633	2253	2396	8.63	cps
Phosphorus	31-1	40558	42626	41442	41542	2.50	cps
Potassium	39-1	8997556	9064790	8901820	8988055	0.91	cps
Rhodium	103-1	5515513	5347487	5355481	5406160	1.75	cps
Scandium	45-1	4483459	4467908	4610136	4520501	1.73	cps
Selenium	77-1	440	300	420	387	19.58	cps
Selenium	78-1	74542	75266	73626	74478	1.10	cps
Selenium	82-1	357	352	439	383	12.64	cps
Silicon	28-1	1708736	1739053	1705051	1717613	1.09	cps
Silver	107-1	4526	4584	4759	4623	2.63	cps
Silver	109-1	4826	4359	4651	4612	5.11	cps
Sodium	23-1	5396901	5249557	5097276	5247911	2.85	cps
Strontium	86-1	2550	2242	2225	2339	7.83	cps
Strontium	88-1	12197	11655	12272	12042	2.80	cps
Sulfur	34-1	451206	449875	444900	448661	0.74	cps
Terbium	159-1	5559686	5485416	5386285	5477129	1.59	cps
Thallium	203-1	2642	2259	2309	2403	8.67	cps
Thallium	205-1	5651	5793	5993	5813	2.96	cps
Tin	118-1	14783	14008	15167	14653	4.03	cps
Titanium	47-1	4117	3967	3976	4020	2.10	cps
Uranium	238-1	5727	5877	5643	5749	2.06	cps
Vanadium	51-1	51214	50089	49858	50387	1.44	cps
Ytterbium	172-1	75	67	42	61	28.38	cps
Ytterbium	176-1	608	708	767	694	11.53	cps
Yttrium	89-1	9727111	10115408	9921152	9921224	1.96	cps
Zinc	66-1	3494	3174	3394	3354	4.89	cps
Zirconium	90-1	7577	7844	7194	7538	4.34	cps
Zirconium	91-1	1592	1692	1617	1633	3.19	cps

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:15:51	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	8127927	8053218	8093026	8091390	0.46	cps
Antimony	121-1	172179	169706	167451	169779	1.39	cps
Arsenic	75-1	55393	54455	53653	54500	1.60	cps
Barium	135-1	202751	200351	202327	201809	0.63	cps
Barium	137-1	353232	349064	344048	348781	1.32	cps
Beryllium	9-1	63070	62146	62400	62538	0.76	cps
Bismuth	209-1	2646262	2772638	2699560	2706153	2.34	cps
Boron	10-1	5502	5610	5860	5657	3.25	cps
Boron	11-1	25882	26378	27204	26488	2.52	cps
Bromine	81-1	15194	14753	15104	15017	1.55	cps
Cadmium	111-1	41211	40776	41034	41007	0.53	cps
Cadmium	106-1	6985	6985	7102	7024	0.96	cps
Cadmium	108-1	3375	3059	3388	3274	5.70	cps
Calcium	43-1	76772	75752	75221	75915	1.04	cps
Calcium	44-1	1298860	1226236	1294102	1273066	3.19	cps
Carbon	12-1	3889788	4007434	3890097	3929106	1.73	cps
Chlorine	35-1	520453	528811	528944	526069	0.92	cps
Chromium	52-1	451786	439878	442169	444611	1.42	cps
Cobalt	59-1	512212	501228	486165	499869	2.62	cps
Copper	63-1	2875749	2790767	2821858	2829458	1.52	cps
Dysprosium	156-1	8	25	42	25	66.68	cps
Erbium	164-1	50	25	17	31	56.77	cps
Gadolinium	160-1	25	58	92	58	57.15	cps
Holmium	165-1	5028918	5252212	5092298	5124476	2.25	cps
Indium	115-1	5146247	5407398	5317118	5290254	2.51	cps
Iron	56-1	30236168	29528795	29938034	29900999	1.19	cps
Iron	57-1	687910	673061	667293	676088	1.57	cps
Iron	54-1						cps
Krypton	83-1	737	740	724	734	1.19	cps
Lead	206-1	463299	468379	452084	461254	1.81	cps
Lead	207-1	418227	408899	404936	410687	1.66	cps
Lead	208-1	1884712	1859717	1817297	1853908	1.84	cps
Lithium	6-1	3005597	3068750	3016886	3030411	1.11	cps
Magnesium	24-1	33850990	33631406	33415920	33632772	0.65	cps
Manganese	55-1	5821554	5601239	5785613	5736135	2.06	cps
Molybdenum	94-1	742671	746395	765538	751535	1.63	cps

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:15:51	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	1068419	1074208	1091295	1077974	1.10	cps
Molybdenum	96-1	1159236	1178479	1150071	1162596	1.25	cps
Molybdenum	97-1	655976	663345	645738	655020	1.35	cps
Molybdenum	98-1	1697252	1719745	1641505	1686168	2.39	cps
Neodymium	150-1	20	20	27	22	17.33	cps
Nickel	60-1	114142	110336	113222	112567	1.76	cps
Phosphorus	31-1	389631	383467	385869	386323	0.80	cps
Potassium	39-1	25234696	24907246	24411436	24851126	1.67	cps
Rhodium	103-1	5245871	5609341	5397414	5417542	3.37	cps
Scandium	45-1	4466729	4482645	4609013	4519462	1.72	cps
Selenium	77-1	2853	2683	3003	2847	5.63	cps
Selenium	78-1	82876	82433	83088	82799	0.40	cps
Selenium	82-1	3575	3564	3605	3581	0.60	cps
Silicon	28-1	1891699	1863409	1839662	1864923	1.40	cps
Silver	107-1	233365	233010	230085	232153	0.78	cps
Silver	109-1	225443	227753	220973	224723	1.53	cps
Sodium	23-1	46456102	47135797	46208058	46599985	1.03	cps
Strontium	86-1	1767337	1780622	1792084	1780014	0.70	cps
Strontium	88-1	15203237	14970175	14927856	15033756	0.99	cps
Sulfur	34-1	468367	463333	471031	467577	0.84	cps
Terbium	159-1	5452741	5414010	5563023	5476591	1.41	cps
Thallium	203-1	113253	114608	108799	112220	2.71	cps
Thallium	205-1	273473	264623	265482	267859	1.82	cps
Tin	118-1	151412	148307	146665	148795	1.62	cps
Titanium	47-1	365946	367350	366423	366573	0.19	cps
Uranium	238-1	308328	309067	305915	307770	0.54	cps
Vanadium	51-1	501867	515897	487012	501592	2.88	cps
Ytterbium	172-1	42	50	42	44	10.82	cps
Ytterbium	176-1	925	867	1117	970	13.49	cps
Yttrium	89-1	9625945	10166460	10220044	10004150	3.28	cps
Zinc	66-1	587552	586328	588245	587375	0.17	cps
Zirconium	90-1	374747	379602	373663	376004	0.84	cps
Zirconium	91-1	85430	86846	84288	85521	1.50	cps

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:18:57	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	20476506	20430811	20605701	20504339	0.44	cps
Antimony	121-1	424265	421869	428134	424756	0.74	cps
Arsenic	75-1	133108	135390	135195	134564	0.94	cps
Barium	135-1	492693	505817	500905	499805	1.33	cps
Barium	137-1	855926	873937	881581	870481	1.51	cps
Beryllium	9-1	153930	155373	154227	154510	0.49	cps
Bismuth	209-1	2885781	2844496	2712929	2814402	3.21	cps
Boron	10-1	12621	13526	14298	13482	6.23	cps
Boron	11-1	60060	64329	66209	63533	4.96	cps
Bromine	81-1	13761	14984	16006	14917	7.53	cps
Cadmium	111-1	100785	102862	104653	102767	1.88	cps
Cadmium	106-1	14033	14341	14166	14180	1.09	cps
Cadmium	108-1	8298	8507	8273	8360	1.53	cps
Calcium	43-1	187202	187106	186909	187073	0.08	cps
Calcium	44-1	3140990	3148492	3223150	3170877	1.43	cps
Carbon	12-1	3990555	4070116	4051042	4037238	1.03	cps
Chlorine	35-1	486719	496486	489269	490825	1.03	cps
Chromium	52-1	1083867	1077470	1089270	1083536	0.55	cps
Cobalt	59-1	1259651	1231029	1249100	1246593	1.16	cps
Copper	63-1	6915437	6880081	6703521	6833013	1.66	cps
Dysprosium	156-1	42	8	17	22	78.07	cps
Erbium	164-1	33	58	8	33	75.01	cps
Gadolinium	160-1	75	58	92	75	22.23	cps
Holmium	165-1	5440434	5424481	5226618	5363844	2.22	cps
Indium	115-1	5335708	5377881	5321788	5345126	0.55	cps
Iron	56-1	66955731	66781369	65360418	66365839	1.32	cps
Iron	57-1	1568216	1604382	1563298	1578632	1.42	cps
Iron	54-1						cps
Krypton	83-1	716	741	670	709	5.10	cps
Lead	206-1	1123374	1172473	1128621	1141489	2.36	cps
Lead	207-1	1019025	1044194	1005825	1023015	1.91	cps
Lead	208-1	4726980	4910238	4680695	4772638	2.54	cps
Lithium	6-1	3080613	3072047	3074082	3075581	0.15	cps
Magnesium	24-1	83920885	83870498	84343481	84044954	0.31	cps
Manganese	55-1	14600813	14439026	14082008	14373949	1.85	cps
Molybdenum	94-1	1831072	1920801	1893168	1881680	2.44	cps

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:18:57	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	2571333	2691035	2668367	2643578	2.41	cps
Molybdenum	96-1	2915624	2966768	2888083	2923491	1.37	cps
Molybdenum	97-1	1615024	1640924	1594787	1616911	1.43	cps
Molybdenum	98-1	4228128	4185828	4122168	4178708	1.28	cps
Neodymium	150-1	20	40	40	33	34.64	cps
Nickel	60-1	277910	270955	278457	275774	1.52	cps
Phosphorus	31-1	909656	906569	923966	913397	1.02	cps
Potassium	39-1	53647065	53172529	54566259	53795285	1.32	cps
Rhodium	103-1	5559843	5569975	5609769	5579862	0.47	cps
Scandium	45-1	4678990	4558404	4676815	4638070	1.49	cps
Selenium	77-1	7149	7189	7430	7256	2.09	cps
Selenium	78-1	96265	97423	97373	97020	0.67	cps
Selenium	82-1	8703	8933	8733	8790	1.42	cps
Silicon	28-1	2150007	2145144	2198769	2164640	1.37	cps
Silver	107-1	576381	588411	586288	583693	1.10	cps
Silver	109-1	544801	557299	563266	555122	1.70	cps
Sodium	23-1	111246926	116745301	112019811	113337346	2.63	cps
Strontium	86-1	4285260	4435981	4417989	4379743	1.88	cps
Strontium	88-1	37686924	37792024	38627832	38035593	1.36	cps
Sulfur	34-1	505531	501064	501209	502601	0.51	cps
Terbium	159-1	5298379	5435225	5592452	5442019	2.70	cps
Thallium	203-1	266591	278746	283731	276356	3.19	cps
Thallium	205-1	658037	675372	657168	663526	1.55	cps
Tin	118-1	363490	369444	367514	366816	0.83	cps
Titanium	47-1	911385	938580	937005	928990	1.64	cps
Uranium	238-1	767380	775999	779680	774353	0.82	cps
Vanadium	51-1	1255066	1242127	1278722	1258638	1.47	cps
Ytterbium	172-1	58	42	33	44	28.64	cps
Ytterbium	176-1	1500	1500	1308	1436	7.71	cps
Yttrium	89-1	10111576	10170917	10451635	10244709	1.77	cps
Zinc	66-1	1526912	1539233	1502055	1522733	1.24	cps
Zirconium	90-1	926041	926502	960498	937680	2.11	cps
Zirconium	91-1	207796	208978	212900	209891	1.27	cps

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:22:05	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	41547481	41100029	41432011	41359840	0.56	cps
Antimony	121-1	835529	860590	855740	850620	1.56	cps
Arsenic	75-1	269228	267404	271626	269419	0.79	cps
Barium	135-1	1008498	982765	1006574	999279	1.43	cps
Barium	137-1	1767581	1775740	1790736	1778019	0.66	cps
Beryllium	9-1	306774	311839	308805	309139	0.82	cps
Bismuth	209-1	2763432	3005355	2852067	2873618	4.26	cps
Boron	10-1	25297	27176	28390	26954	5.78	cps
Boron	11-1	119982	128444	131570	126665	4.73	cps
Bromine	81-1	14112	14853	15064	14676	3.41	cps
Cadmium	111-1	204612	206724	206198	205845	0.53	cps
Cadmium	106-1	26384	26334	26668	26462	0.68	cps
Cadmium	108-1	16835	16694	16748	16759	0.43	cps
Calcium	43-1	379694	380282	378439	379472	0.25	cps
Calcium	44-1	6212187	6317588	6062266	6197347	2.07	cps
Carbon	12-1	4166158	4142560	4299812	4202844	2.02	cps
Chlorine	35-1	477072	482459	480613	480048	0.57	cps
Chromium	52-1	2198219	2253792	2223545	2225185	1.25	cps
Cobalt	59-1	2575878	2488540	2594302	2552907	2.21	cps
Copper	63-1	13582985	14012316	13879216	13824839	1.59	cps
Dysprosium	156-1	67	75	83	75	11.11	cps
Erbium	164-1	50	42	42	44	10.82	cps
Gadolinium	160-1	75	42	75	64	30.12	cps
Holmium	165-1	5407985	5399574	5240093	5349217	1.77	cps
Indium	115-1	5436780	5635966	5472071	5514939	1.93	cps
Iron	56-1	128705020	125860846	129113782	127893216	1.39	cps
Iron	57-1	3101283	3084783	3077488	3087851	0.39	cps
Iron	54-1						cps
Krypton	83-1	704	740	652	699	6.29	cps
Lead	206-1	2398994	2538218	2438653	2458622	2.92	cps
Lead	207-1	2084525	2176284	2123404	2128071	2.16	cps
Lead	208-1	9541126	9959470	9768768	9756455	2.15	cps
Lithium	6-1	3170330	3294927	3166501	3210586	2.28	cps
Magnesium	24-1	166750705	169236586	167639338	167875543	0.75	cps
Manganese	55-1	28899736	28602149	28966809	28822898	0.67	cps
Molybdenum	94-1	3721583	3738899	3715880	3725454	0.32	cps

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:22:05	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	5354537	5328051	5310442	5331010	0.42	cps
Molybdenum	96-1	5982379	5710539	5794667	5829195	2.39	cps
Molybdenum	97-1	3390945	3262451	3286076	3313157	2.06	cps
Molybdenum	98-1	8593600	8387251	8233810	8404887	2.15	cps
Neodymium	150-1	60	80	67	69	14.78	cps
Nickel	60-1	543500	543623	548002	545041	0.47	cps
Phosphorus	31-1	1782974	1760194	1755484	1766217	0.83	cps
Potassium	39-1	104787449	101739273	102215895	102914206	1.59	cps
Rhodium	103-1	5661835	5729442	5710238	5700505	0.61	cps
Scandium	45-1	4624563	4858691	4516342	4666532	3.75	cps
Selenium	77-1	14733	14102	14893	14576	2.87	cps
Selenium	78-1	118281	119958	119969	119403	0.81	cps
Selenium	82-1	17966	17814	17880	17887	0.43	cps
Silicon	28-1	2639142	2674942	2661341	2658475	0.68	cps
Silver	107-1	1153783	1176311	1176709	1168934	1.12	cps
Silver	109-1	1116404	1109740	1103078	1109741	0.60	cps
Sodium	23-1	230059622	227726734	226678320	228154892	0.76	cps
Strontium	86-1	8781757	8847885	8611278	8746974	1.40	cps
Strontium	88-1	75715100	75795254	76550225	76020193	0.61	cps
Sulfur	34-1	559451	556834	557323	557869	0.25	cps
Terbium	159-1	5567030	6166562	5797784	5843792	5.17	cps
Thallium	203-1	573367	560458	549457	561094	2.13	cps
Thallium	205-1	1335967	1350833	1325206	1337335	0.96	cps
Tin	118-1	739257	749007	735653	741306	0.93	cps
Titanium	47-1	1868904	1849470	1848700	1855692	0.62	cps
Uranium	238-1	1633536	1636143	1724812	1664830	3.12	cps
Vanadium	51-1	2555770	2547294	2534415	2545826	0.42	cps
Ytterbium	172-1	83	17	8	36	113.84	cps
Ytterbium	176-1	2092	2075	2142	2103	1.65	cps
Yttrium	89-1	10404613	10749046	10354203	10502620	2.05	cps
Zinc	66-1	2935385	2996580	2976369	2969445	1.05	cps
Zirconium	90-1	1899619	1938050	1979227	1938965	2.05	cps
Zirconium	91-1	421259	424018	428422	424566	0.85	cps

LB Number : LB121724 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired : 2022-08-24 13:25:11 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	81577873	82450052	84153378	82727101	1.58	cps
Antimony	121-1	1770916	1780193	1813533	1788214	1.25	cps
Arsenic	75-1	550409	556579	547041	551343	0.88	cps
Barium	135-1	2080514	2099589	2094596	2091566	0.47	cps
Barium	137-1	3531384	3585894	3685660	3600979	2.17	cps
Beryllium	9-1	621259	629981	622588	624609	0.75	cps
Bismuth	209-1	2743027	2657266	2543555	2647949	3.78	cps
Boron	10-1	52013	56553	58630	55732	6.07	cps
Boron	11-1	247519	264379	273599	261832	5.05	cps
Bromine	81-1	15875	14322	14843	15014	5.26	cps
Cadmium	111-1	410156	426986	415907	417683	2.05	cps
Cadmium	106-1	50501	50360	51003	50621	0.67	cps
Cadmium	108-1	33541	33069	32802	33137	1.13	cps
Calcium	43-1	771972	782288	772813	775691	0.74	cps
Calcium	44-1	12596168	12931239	12927713	12818373	1.50	cps
Carbon	12-1	4593517	4700832	4665147	4653165	1.17	cps
Chlorine	35-1	452283	448004	446659	448982	0.65	cps
Chromium	52-1	4448975	4422452	4458474	4443300	0.42	cps
Cobalt	59-1	5241078	5112498	5260089	5204555	1.54	cps
Copper	63-1	28234905	28630509	28245750	28370388	0.79	cps
Dysprosium	156-1	50	75	50	58	24.74	cps
Erbium	164-1	33	33	8	25	57.74	cps
Gadolinium	160-1	58	75	108	81	31.60	cps
Holmium	165-1	5536661	5060391	4786614	5127889	7.40	cps
Indium	115-1	5345738	5143893	4733291	5074307	6.15	cps
Iron	56-1	257907038	255511713	253199791	255539514	0.92	cps
Iron	57-1	6104549	6047783	6299493	6150608	2.15	cps
Iron	54-1						cps
Krypton	83-1	726	721	756	735	2.58	cps
Lead	206-1	4816830	5028130	4874765	4906575	2.23	cps
Lead	207-1	4207885	4369768	4375103	4317585	2.20	cps
Lead	208-1	19162780	19892428	19857188	19637465	2.10	cps
Lithium	6-1	3156558	2937080	2753055	2948898	6.85	cps
Magnesium	24-1	336313962	342930168	343420959	340888363	1.16	cps
Manganese	55-1	59070306	59274236	57946253	58763598	1.22	cps
Molybdenum	94-1	7568427	7638775	7708693	7638632	0.92	cps

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:25:11	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	10728164	10994730	10830579	10851158	1.24	cps
Molybdenum	96-1	11927644	11849348	12190720	11989237	1.49	cps
Molybdenum	97-1	6635198	6525095	6653797	6604696	1.05	cps
Molybdenum	98-1	17223278	16810824	17334615	17122906	1.61	cps
Neodymium	150-1	100	107	93	100	6.66	cps
Nickel	60-1	1127759	1104218	1120011	1117329	1.07	cps
Phosphorus	31-1	3458819	3604386	3560290	3541165	2.11	cps
Potassium	39-1	203515929	208085788	204269738	205290485	1.19	cps
Rhodium	103-1	5649170	5105642	4928255	5227689	7.19	cps
Scandium	45-1	4720168	4396149	4234342	4450220	5.56	cps
Selenium	77-1	28649	29632	29110	29130	1.69	cps
Selenium	78-1	166371	163232	165057	164886	0.96	cps
Selenium	82-1	35664	36408	35808	35960	1.10	cps
Silicon	28-1	3670537	3743414	3756146	3723366	1.24	cps
Silver	107-1	2397643	2473160	2435761	2435522	1.55	cps
Silver	109-1	2285236	2300479	2253656	2279790	1.05	cps
Sodium	23-1	467385749	466413857	460569794	464789800	0.79	cps
Strontium	86-1	18030449	17998767	17535383	17854866	1.55	cps
Strontium	88-1	152450474	156143749	150638199	153077474	1.83	cps
Sulfur	34-1	692312	701509	688316	694045	0.97	cps
Terbium	159-1	5845545	5492415	5077544	5471834	7.03	cps
Thallium	203-1	1134438	1182260	1125016	1147238	2.68	cps
Thallium	205-1	2753051	2884905	2763934	2800630	2.61	cps
Tin	118-1	1521496	1507274	1503025	1510598	0.64	cps
Titanium	47-1	3693428	3771052	3793585	3752688	1.40	cps
Uranium	238-1	3379304	3338073	3336240	3351206	0.73	cps
Vanadium	51-1	5109850	5218617	5251898	5193455	1.43	cps
Ytterbium	172-1	33	33	42	36	13.33	cps
Ytterbium	176-1	3409	3626	3359	3464	4.09	cps
Yttrium	89-1	10510564	9517938	9281183	9769895	6.68	cps
Zinc	66-1	6023174	6012864	5979986	6005341	0.38	cps
Zirconium	90-1	3801631	3817754	3920381	3846589	1.67	cps
Zirconium	91-1	845925	860972	862632	856510	1.07	cps

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:28:20	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	168604809	166647562	167817882	167690084	0.59	cps
Antimony	121-1	3523011	3651014	3587310	3587112	1.78	cps
Arsenic	75-1	1106110	1148055	1135927	1130031	1.91	cps
Barium	135-1	4263818	4382902	4291183	4312634	1.45	cps
Barium	137-1	7274930	7519192	7449341	7414488	1.70	cps
Beryllium	9-1	1253735	1275547	1312285	1280522	2.31	cps
Bismuth	209-1	2879852	2935640	2992397	2935963	1.92	cps
Boron	10-1	104096	113538	118998	112210	6.72	cps
Boron	11-1	495988	532003	545543	524511	4.88	cps
Bromine	81-1	15695	14142	15364	15067	5.43	cps
Cadmium	111-1	826147	854439	847512	842700	1.75	cps
Cadmium	106-1	97697	98745	98159	98200	0.54	cps
Cadmium	108-1	67854	67812	68561	68076	0.62	cps
Calcium	43-1	1650405	1653338	1634343	1646029	0.62	cps
Calcium	44-1	25970755	26336455	25853381	26053531	0.97	cps
Carbon	12-1	5590364	5726052	5911546	5742654	2.81	cps
Chlorine	35-1	397283	401345	398659	399096	0.52	cps
Chromium	52-1	9020014	8786221	8930605	8912280	1.32	cps
Cobalt	59-1	10246642	10181538	10656277	10361486	2.48	cps
Copper	63-1	55214511	56405517	57268927	56296319	1.83	cps
Dysprosium	156-1	183	108	133	142	26.96	cps
Erbium	164-1	33	50	50	44	21.66	cps
Gadolinium	160-1	117	125	108	117	7.14	cps
Holmium	165-1	5648932	5606733	5753172	5669613	1.33	cps
Indium	115-1	5459340	5519705	5619320	5532788	1.46	cps
Iron	56-1	494376039	499147970	518833876	504119295	2.57	cps
Iron	57-1	11912603	12170258	12308116	12130326	1.66	cps
Iron	54-1						cps
Krypton	83-1	720	699	670	696	3.60	cps
Lead	206-1	9770995	10226619	10354876	10117497	3.03	cps
Lead	207-1	8543733	8973208	8849080	8788674	2.51	cps
Lead	208-1	39102053	41079300	41046163	40409172	2.80	cps
Lithium	6-1	3128148	3040632	3263303	3144028	3.57	cps
Magnesium	24-1	678210947	696384200	676698254	683764467	1.60	cps
Manganese	55-1	117727981	116467271	122397756	118864336	2.63	cps
Molybdenum	94-1	15781411	15654876	15527274	15654520	0.81	cps

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:28:20	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	21965907	22981568	22412186	22453220	2.27	cps
Molybdenum	96-1	23714848	24924002	24041818	24226889	2.58	cps
Molybdenum	97-1	13181116	13483496	13478903	13381172	1.29	cps
Molybdenum	98-1	34209408	35089855	34877235	34725499	1.32	cps
Neodymium	150-1	160	200	220	193	15.80	cps
Nickel	60-1	2353562	2340254	2369014	2354277	0.61	cps
Phosphorus	31-1	6984550	7155282	7068122	7069318	1.21	cps
Potassium	39-1	411077433	417030005	410603869	412903769	0.87	cps
Rhodium	103-1	5544438	5387795	5745668	5559300	3.23	cps
Scandium	45-1	4958028	4753374	4933453	4881619	2.29	cps
Selenium	77-1	56441	56400	57908	56916	1.51	cps
Selenium	78-1	260183	258653	254987	257941	1.04	cps
Selenium	82-1	71127	73607	72386	72373	1.71	cps
Silicon	28-1	5432128	5584445	5465911	5494161	1.46	cps
Silver	107-1	4927564	5004302	4904487	4945451	1.06	cps
Silver	109-1	4517264	4687376	4653232	4619291	1.95	cps
Sodium	23-1	915107335	950441908	946560527	937369924	2.07	cps
Strontium	86-1	35826678	36789642	36783736	36466686	1.52	cps
Strontium	88-1	309353999	315762749	312469490	312528746	1.03	cps
Sulfur	34-1	936067	961270	945497	947611	1.34	cps
Terbium	159-1	6052563	5917331	6079671	6016522	1.45	cps
Thallium	203-1	2395135	2515965	2507380	2472827	2.73	cps
Thallium	205-1	5665833	5704860	5917660	5762784	2.35	cps
Tin	118-1	3062272	3153701	3011149	3075707	2.35	cps
Titanium	47-1	7638576	7542185	7732120	7637627	1.24	cps
Uranium	238-1	6746522	6895131	6741864	6794506	1.28	cps
Vanadium	51-1	10598500	10492938	10551343	10547594	0.50	cps
Ytterbium	172-1	100	50	42	64	49.38	cps
Ytterbium	176-1	6493	6568	6443	6502	0.97	cps
Yttrium	89-1	10864488	10336456	10860820	10687255	2.84	cps
Zinc	66-1	11845365	12101014	12228457	12058279	1.62	cps
Zirconium	90-1	7722535	7995066	8047805	7921802	2.20	cps
Zirconium	91-1	1794137	1813750	1829205	1812364	0.97	cps

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:31:26	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	872458127	864061711	869560270	868693369	0.49	cps
Antimony	121-1	3376	3717	3926	3673	7.56	cps
Arsenic	75-1	875	958	900	911	4.69	cps
Barium	135-1	1784	2059	1942	1928	7.16	cps
Barium	137-1	3192	3609	3467	3423	6.19	cps
Beryllium	9-1	289	275	279	281	2.53	cps
Bismuth	209-1	2833486	2841376	2900577	2858479	1.28	cps
Boron	10-1	12213	11298	9815	11109	10.89	cps
Boron	11-1	57488	51194	47262	51982	9.92	cps
Bromine	81-1	15284	14913	14482	14893	2.69	cps
Cadmium	111-1	447	487	424	453	7.09	cps
Cadmium	106-1	2700	2600	2817	2706	4.01	cps
Cadmium	108-1	33	63	29	42	43.59	cps
Calcium	43-1	7619505	7492548	7508093	7540049	0.92	cps
Calcium	44-1	128782157	127751799	123277098	126603685	2.31	cps
Carbon	12-1	4156893	4257717	4305970	4240193	1.79	cps
Chlorine	35-1	416920	421142	411675	416579	1.14	cps
Chromium	52-1	42667	43118	44354	43380	2.01	cps
Cobalt	59-1	44535	44686	43752	44324	1.13	cps
Copper	63-1	89061	84480	77923	83821	6.68	cps
Dysprosium	156-1	400	408	400	403	1.19	cps
Erbium	164-1	33	67	67	56	34.65	cps
Gadolinium	160-1	333	375	325	344	7.78	cps
Holmium	165-1	5534111	5970316	5727885	5744104	3.80	cps
Indium	115-1	5511312	5840703	5591004	5647673	3.04	cps
Iron	56-1	2487337570	2528949260	2442145980	2486144270	1.75	cps
Iron	57-1	60930606	61219716	58538593	60229638	2.44	cps
Iron	54-1						cps
Krypton	83-1	725	750	704	726	3.19	cps
Lead	206-1	2413	2483	2122	2339	8.17	cps
Lead	207-1	2202	2152	2042	2132	3.84	cps
Lead	208-1	9255	9558	8743	9186	4.49	cps
Lithium	6-1	3124256	3138634	3176319	3146403	0.85	cps
Magnesium	24-1	3559886161	3523741457	3347030112	3476885910	3.28	cps
Manganese	55-1	79290	81615	79048	79984	1.77	cps
Molybdenum	94-1	5285	4851	4793	4976	5.40	cps

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:31:26	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	6177	5360	5476	5671	7.79	cps
Molybdenum	96-1	11247	10863	9512	10540	8.65	cps
Molybdenum	97-1	3542	3801	3459	3601	4.95	cps
Molybdenum	98-1	9437	8845	8461	8914	5.51	cps
Neodymium	150-1	73	40	47	53	33.07	cps
Nickel	60-1	13059	12849	11967	12625	4.59	cps
Phosphorus	31-1	38822	39775	39735	39444	1.37	cps
Potassium	39-1	2038320649	2080840207	2042396284	2053852380	1.14	cps
Rhodium	103-1	5343260	5525388	5643556	5504068	2.75	cps
Scandium	45-1	4830200	5081534	4856880	4922871	2.80	cps
Selenium	77-1	150	100	140	130	20.35	cps
Selenium	78-1	74009	74995	71936	73647	2.12	cps
Selenium	82-1	134	41	114	96	50.56	cps
Silicon	28-1	1898200	1865905	1810203	1858103	2.40	cps
Silver	107-1	7294	7477	7844	7538	3.72	cps
Silver	109-1	7044	6952	7177	7058	1.60	cps
Sodium	23-1	4712673788	4643937374	4514627589	4623746250	2.17	cps
Strontium	86-1	12172	11947	11680	11933	2.06	cps
Strontium	88-1	94134	91157	90822	92038	1.98	cps
Sulfur	34-1	392920	398349	395511	395593	0.69	cps
Terbium	159-1	6120795	6097368	6072146	6096770	0.40	cps
Thallium	203-1	1292	1125	1033	1150	11.39	cps
Thallium	205-1	2567	2625	2642	2611	1.51	cps
Tin	118-1	3309	3092	3209	3203	3.39	cps
Titanium	47-1	1208	1267	1142	1206	5.19	cps
Uranium	238-1	500	467	417	461	9.10	cps
Vanadium	51-1	3945	4265	3694	3968	7.21	cps
Ytterbium	172-1	100	50	108	86	36.64	cps
Ytterbium	176-1	767	692	767	742	5.84	cps
Yttrium	89-1	10699261	10868139	10811907	10793102	0.80	cps
Zinc	66-1	18461	19293	17819	18525	3.99	cps
Zirconium	90-1	4234	3576	4234	4015	9.47	cps
Zirconium	91-1	883	1058	942	961	9.27	cps

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:40:41	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	4216476	4242095	4287763	4248778	0.85	cps
Antimony	121-1	712482	715922	699129	709178	1.25	cps
Arsenic	75-1	226335	227558	226669	226854	0.28	cps
Barium	135-1	84456	84087	83744	84096	0.42	cps
Barium	137-1	146060	147916	149118	147698	1.04	cps
Beryllium	9-1	126622	126934	127719	127092	0.44	cps
Bismuth	209-1	2917659	2903293	2885469	2902140	0.56	cps
Boron	10-1	46259	51188	53315	50254	7.20	cps
Boron	11-1	217416	242174	246983	235524	6.74	cps
Bromine	81-1	15284	14232	15274	14930	4.05	cps
Cadmium	111-1	88305	89542	88142	88663	0.86	cps
Cadmium	106-1	18905	18513	19339	18919	2.18	cps
Cadmium	108-1	10175	10796	10867	10613	3.59	cps
Calcium	43-1	31303	31111	31228	31214	0.31	cps
Calcium	44-1	524616	520537	524810	523321	0.46	cps
Carbon	12-1	3987074	4137810	4084880	4069921	1.88	cps
Chlorine	35-1	526618	555153	567500	549757	3.81	cps
Chromium	52-1	907198	917619	934659	919825	1.51	cps
Cobalt	59-1	1061657	1037091	1035874	1044874	1.39	cps
Copper	63-1	562756	558719	563815	561763	0.48	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Erbium	164-1	42	25	25	31	31.50	cps
Gadolinium	160-1	50	42	42	44	10.82	cps
Holmium	165-1	5546465	5552090	5243837	5447464	3.24	cps
Indium	115-1	5561463	5615453	5410096	5529004	1.93	cps
Iron	56-1	24923467	24964536	25482289	25123431	1.24	cps
Iron	57-1	539018	555489	553844	549450	1.65	cps
Iron	54-1						cps
Krypton	83-1	755	681	701	712	5.35	cps
Lead	206-1	403378	409764	404458	405867	0.84	cps
Lead	207-1	332778	353961	339988	342242	3.15	cps
Lead	208-1	1562502	1612925	1582436	1585954	1.60	cps
Lithium	6-1	3070754	3191448	3051097	3104433	2.45	cps
Magnesium	24-1	7923999	8048818	8060657	8011158	0.95	cps
Manganese	55-1	1173506	1206397	1228539	1202814	2.30	cps
Molybdenum	94-1	8056389	8032000	8071156	8053182	0.25	cps

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:40:41	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	11613571	11866040	11547936	11675849	1.44	cps
Molybdenum	96-1	12678039	12702599	12721100	12700579	0.17	cps
Molybdenum	97-1	7233012	6971527	7170990	7125176	1.92	cps
Molybdenum	98-1	18801214	17763037	18690900	18418384	3.10	cps
Neodymium	150-1	33	13	7	18	78.05	cps
Nickel	60-1	256365	249558	248645	251523	1.68	cps
Phosphorus	31-1	37948	38430	36564	37647	2.57	cps
Potassium	39-1	20900450	20715759	20771057	20795755	0.46	cps
Rhodium	103-1	5726961	5681604	5709503	5706022	0.40	cps
Scandium	45-1	4692604	4755816	4705053	4717824	0.71	cps
Selenium	77-1	11807	11396	12038	11747	2.77	cps
Selenium	78-1	112421	113873	112258	112851	0.79	cps
Selenium	82-1	15047	14993	15391	15144	1.43	cps
Silicon	28-1	3745202	3764105	3789650	3766319	0.59	cps
Silver	107-1	235476	240457	236835	237589	1.08	cps
Silver	109-1	224227	224645	224556	224476	0.10	cps
Sodium	23-1	19010056	18995349	19442180	19149195	1.33	cps
Strontium	86-1	744330	747293	756809	749477	0.87	cps
Strontium	88-1	6323895	6426744	6428470	6393037	0.94	cps
Sulfur	34-1	411107	405413	407397	407972	0.71	cps
Terbium	159-1	5576386	5974104	5628481	5726324	3.77	cps
Thallium	203-1	496993	497795	513477	502755	1.85	cps
Thallium	205-1	1241978	1185233	1196089	1207766	2.49	cps
Tin	118-1	1557762	1597158	1595626	1583515	1.41	cps
Titanium	47-1	3678469	3744173	3799566	3740736	1.62	cps
Uranium	238-1	3822082	3845129	3766765	3811325	1.06	cps
Vanadium	51-1	1083860	1098220	1110652	1097577	1.22	cps
Ytterbium	172-1	50	42	17	36	48.03	cps
Ytterbium	176-1	3751	3734	3667	3717	1.19	cps
Yttrium	89-1	10424596	10417063	10265175	10368945	0.87	cps
Zinc	66-1	240981	240395	244041	241806	0.81	cps
Zirconium	90-1	3925243	3927128	3937596	3929989	0.17	cps
Zirconium	91-1	880524	897791	884639	887651	1.02	cps

LB Number : LB121724 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired : 2022-08-24 13:47:28 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	8642	8521	7580	8248	7.05	cps
Antimony	121-1	108	142	125	125	13.33	cps
Arsenic	75-1	117	125	142	128	9.96	cps
Barium	135-1	33	42	67	47	36.74	cps
Barium	137-1	25	17	75	39	81.12	cps
Beryllium	9-1	90	109	92	97	10.49	cps
Bismuth	209-1	2911150	2921743	2880152	2904349	0.74	cps
Boron	10-1	3622	3490	3500	3537	2.08	cps
Boron	11-1	17533	16518	15563	16538	5.96	cps
Bromine	81-1	14793	13921	14042	14252	3.31	cps
Cadmium	111-1	240	251	249	247	2.49	cps
Cadmium	106-1	2325	2609	2317	2417	6.87	cps
Cadmium	108-1	38	38	29	35	13.85	cps
Calcium	43-1	305	300	291	299	2.33	cps
Calcium	44-1	22958	22923	22787	22889	0.40	cps
Carbon	12-1	6058167	6078307	5935144	6023873	1.29	cps
Chlorine	35-1	302433	303266	298710	301469	0.80	cps
Chromium	52-1	20235	21167	20937	20780	2.34	cps
Cobalt	59-1	521	501	511	511	1.96	cps
Copper	63-1	5985	5648	6071	5901	3.79	cps
Dysprosium	156-1	8	50	8	22	108.27	cps
Erbium	164-1	25	25	42	31	31.50	cps
Gadolinium	160-1	50	58	17	42	52.91	cps
Holmium	165-1	5395992	5489325	5180802	5355373	2.95	cps
Indium	115-1	5469202	5522526	5196999	5396242	3.24	cps
Iron	56-1	5685375	5809843	5699146	5731455	1.19	cps
Iron	57-1	69389	68382	67558	68443	1.34	cps
Iron	54-1						cps
Krypton	83-1	676	736	682	698	4.72	cps
Lead	206-1	420	581	801	601	31.80	cps
Lead	207-1	481	561	511	517	7.82	cps
Lead	208-1	2095	2414	2834	2448	15.13	cps
Lithium	6-1	3111141	3077504	2961933	3050193	2.57	cps
Magnesium	24-1	19664	18171	19155	18997	4.00	cps
Manganese	55-1	21719	21248	21729	21565	1.28	cps
Molybdenum	94-1	425	458	442	442	3.77	cps

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:47:28	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	592	558	608	586	4.34	cps
Molybdenum	96-1	708	700	808	739	8.16	cps
Molybdenum	97-1	300	325	392	339	13.98	cps
Molybdenum	98-1	908	850	1050	936	10.99	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Nickel	60-1	190	140	150	160	16.53	cps
Phosphorus	31-1	36001	34467	37587	36018	4.33	cps
Potassium	39-1	5215770	5181602	5194614	5197329	0.33	cps
Rhodium	103-1	5670496	5325237	5429027	5474920	3.24	cps
Scandium	45-1	4825583	4686148	4477999	4663243	3.75	cps
Selenium	77-1	120	140	130	130	7.70	cps
Selenium	78-1	74210	74572	75316	74699	0.75	cps
Selenium	82-1	21	18	19	19	9.96	cps
Silicon	28-1	1665836	1676281	1606629	1649582	2.28	cps
Silver	107-1	208	108	133	150	34.69	cps
Silver	109-1	58	175	67	100	65.09	cps
Sodium	23-1	1051074	1047378	1043046	1047166	0.38	cps
Strontium	86-1	1325	1100	967	1131	16.02	cps
Strontium	88-1	583	575	550	569	3.05	cps
Sulfur	34-1	408554	412129	413954	411546	0.67	cps
Terbium	159-1	5751147	5796460	5383021	5643543	4.02	cps
Thallium	203-1	317	317	350	328	5.87	cps
Thallium	205-1	875	783	808	822	5.76	cps
Tin	118-1	817	983	975	925	10.15	cps
Titanium	47-1	600	392	525	506	20.87	cps
Uranium	238-1	83	33	83	67	43.31	cps
Vanadium	51-1	350	420	380	384	9.16	cps
Ytterbium	172-1	75	25	17	39	81.12	cps
Ytterbium	176-1	733	858	608	733	17.05	cps
Yttrium	89-1	10366209	10400303	9969359	10245290	2.34	cps
Zinc	66-1	641	821	711	724	12.54	cps
Zirconium	90-1	375	383	442	400	9.08	cps
Zirconium	91-1	75	67	100	81	21.53	cps

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:50:25	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	827863394	835171162	829078669	830704408	0.47	cps
Antimony	121-1	4576	4334	4084	4331	5.68	cps
Arsenic	75-1	1092	1425	1542	1353	17.26	cps
Barium	135-1	1125	1083	1225	1145	6.36	cps
Barium	137-1	2175	2117	1825	2039	9.20	cps
Beryllium	9-1	416	471	421	436	6.97	cps
Bismuth	209-1	2903684	2930558	2893912	2909385	0.65	cps
Boron	10-1	3204	3104	2928	3078	4.54	cps
Boron	11-1	15281	14871	14456	14869	2.77	cps
Bromine	81-1	15765	16106	15715	15862	1.34	cps
Cadmium	111-1	635	447	660	580	20.08	cps
Cadmium	106-1	2550	2609	2850	2670	5.96	cps
Cadmium	108-1	654	717	583	651	10.24	cps
Calcium	43-1	1417131	1418695	1492173	1442666	2.97	cps
Calcium	44-1	24841091	24325398	24503990	24556826	1.07	cps
Carbon	12-1	18073415	18677800	18727070	18492762	1.97	cps
Chlorine	35-1	7062658	8975917	10870280	8969618	21.23	cps
Chromium	52-1	200651	203641	200775	201689	0.84	cps
Cobalt	59-1	13320	13420	13059	13266	1.40	cps
Copper	63-1	61201	62172	63575	62316	1.92	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Erbium	164-1	42	50	17	36	48.03	cps
Gadolinium	160-1	83	75	92	83	10.00	cps
Holmium	165-1	5672682	5605069	5575405	5617719	0.89	cps
Indium	115-1	5544846	5812904	5873444	5743731	3.04	cps
Iron	56-1	963596623	988227112	1015034999	988952911	2.60	cps
Iron	57-1	24098086	24361005	24501260	24320117	0.84	cps
Iron	54-1						cps
Krypton	83-1	712	771	740	741	3.97	cps
Lead	206-1	9583	10155	10195	9978	3.43	cps
Lead	207-1	7310	8652	8001	7987	8.40	cps
Lead	208-1	36241	39245	38144	37877	4.01	cps
Lithium	6-1	3178062	3208047	3244471	3210193	1.04	cps
Magnesium	24-1	665541358	688312028	664672429	672841938	1.99	cps
Manganese	55-1	110083	111474	109984	110514	0.75	cps
Molybdenum	94-1	2463851	2596423	2453544	2504606	3.18	cps

LB Number : LB121724 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired : 2022-08-24 13:50:25 DataFile Name : 015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	4330031	4505073	4293250	4376118	2.59	cps
Molybdenum	96-1	4628622	4718598	4620684	4655968	1.17	cps
Molybdenum	97-1	2673344	2680194	2680946	2678161	0.16	cps
Molybdenum	98-1	6852151	6915438	6834380	6867323	0.62	cps
Neodymium	150-1	13	7	27	16	65.47	cps
Nickel	60-1	12558	12689	13450	12899	3.73	cps
Phosphorus	31-1	34475715	34818585	35219447	34837915	1.07	cps
Potassium	39-1	808622414	808049021	819906538	812192657	0.82	cps
Rhodium	103-1	5809031	5856407	5817417	5827618	0.43	cps
Scandium	45-1	5032398	5044735	5055092	5044075	0.23	cps
Selenium	77-1	290	380	410	360	17.35	cps
Selenium	78-1	76404	78316	78538	77753	1.51	cps
Selenium	82-1	15	-45	-24	-18	-169.80	cps
Silicon	28-1	1738454	1789073	1801825	1776451	1.89	cps
Silver	107-1	267	158	200	208	26.23	cps
Silver	109-1	192	200	167	186	9.32	cps
Sodium	23-1	932846434	939140347	961759105	944581962	1.61	cps
Strontium	86-1	50057	51094	50994	50715	1.13	cps
Strontium	88-1	424130	428677	430850	427886	0.80	cps
Sulfur	34-1	2411048	2464412	2502772	2459410	1.87	cps
Terbium	159-1	6081448	6061067	5894829	6012448	1.70	cps
Thallium	203-1	467	442	483	464	4.52	cps
Thallium	205-1	1167	1458	1508	1378	13.39	cps
Tin	118-1	2117	1992	1900	2003	5.43	cps
Titanium	47-1	1521693	1554965	1539231	1538630	1.08	cps
Uranium	238-1	158	175	50	128	53.12	cps
Vanadium	51-1	2222	2593	2703	2506	10.05	cps
Ytterbium	172-1	17	50	17	28	69.27	cps
Ytterbium	176-1	750	792	717	753	4.99	cps
Yttrium	89-1	10649887	10888944	11108512	10882448	2.11	cps
Zinc	66-1	15053	15835	15955	15615	3.14	cps
Zirconium	90-1	592	667	717	658	9.56	cps
Zirconium	91-1	108	183	233	175	35.95	cps

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:55:22	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	842977688	858050540	834504395	845177541	1.41	cps
Antimony	121-1	76624	77997	79524	78048	1.86	cps
Arsenic	75-1	24564	25966	25373	25301	2.78	cps
Barium	135-1	18154	18538	18697	18463	1.51	cps
Barium	137-1	30719	31638	30368	30908	2.12	cps
Beryllium	9-1	26652	26418	25858	26309	1.55	cps
Bismuth	209-1	2845148	2929737	2784579	2853155	2.56	cps
Boron	10-1	7941	7945	7697	7861	1.81	cps
Boron	11-1	34922	37236	36837	36332	3.40	cps
Bromine	81-1	15805	16848	17599	16751	5.38	cps
Cadmium	111-1	16810	17518	17563	17297	2.44	cps
Cadmium	106-1	5268	5218	5143	5209	1.21	cps
Cadmium	108-1	2296	2142	2246	2228	3.53	cps
Calcium	43-1	1420487	1471337	1476842	1456222	2.13	cps
Calcium	44-1	23843029	24949707	25419976	24737571	3.27	cps
Carbon	12-1	18867378	18674954	18447129	18663153	1.13	cps
Chlorine	35-1	11064468	13853051	15868195	13595238	17.74	cps
Chromium	52-1	387162	390309	392249	389907	0.66	cps
Cobalt	59-1	224353	228034	224339	225575	0.94	cps
Copper	63-1	175243	176211	177861	176438	0.75	cps
Dysprosium	156-1	8	42	8	19	99.00	cps
Erbium	164-1	25	75	33	44	60.28	cps
Gadolinium	160-1	125	42	92	86	48.71	cps
Holmium	165-1	5476501	5893714	5691855	5687357	3.67	cps
Indium	115-1	5666054	5883298	5692512	5747288	2.06	cps
Iron	56-1	1016604128	1018125069	1024940284	1019889827	0.44	cps
Iron	57-1	24292637	24448421	24467880	24402979	0.39	cps
Iron	54-1						cps
Krypton	83-1	760	762	772	765	0.86	cps
Lead	206-1	48360	48671	46662	47898	2.26	cps
Lead	207-1	40394	40856	40093	40448	0.95	cps
Lead	208-1	183086	185365	178898	182450	1.80	cps
Lithium	6-1	3151143	3323640	3289835	3254873	2.81	cps
Magnesium	24-1	687585561	698444600	708794369	698274844	1.52	cps
Manganese	55-1	350340	351730	349146	350405	0.37	cps
Molybdenum	94-1	2738076	2822013	2755089	2771726	1.60	cps

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:55:22	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	4493876	4632588	4575992	4567485	1.53	cps
Molybdenum	96-1	4802839	5029513	4947605	4926652	2.33	cps
Molybdenum	97-1	2701882	2797372	2842989	2780748	2.59	cps
Molybdenum	98-1	6879051	7182605	7185821	7082492	2.49	cps
Neodymium	150-1	53	20	53	42	45.58	cps
Nickel	60-1	58520	61234	60641	60131	2.37	cps
Phosphorus	31-1	35585996	36720758	36963227	36423327	2.02	cps
Potassium	39-1	843970541	821091623	834296067	833119410	1.38	cps
Rhodium	103-1	5535607	5909380	5847712	5764233	3.48	cps
Scandium	45-1	4734483	5239635	5261529	5078549	5.87	cps
Selenium	77-1	1522	1632	1432	1528	6.56	cps
Selenium	78-1	80652	85113	84548	83438	2.91	cps
Selenium	82-1	1399	1411	1491	1434	3.50	cps
Silicon	28-1	1936327	1961931	2023814	1974024	2.28	cps
Silver	107-1	95641	94265	93039	94315	1.38	cps
Silver	109-1	85088	89424	89953	88155	3.03	cps
Sodium	23-1	979724730	955058605	942050497	958944611	2.00	cps
Strontium	86-1	127102	130919	127127	128382	1.71	cps
Strontium	88-1	1084646	1086287	1086421	1085785	0.09	cps
Sulfur	34-1	2496395	2509525	2588435	2531452	1.97	cps
Terbium	159-1	5945944	6093742	6193525	6077737	2.05	cps
Thallium	203-1	49605	47724	47555	48294	2.36	cps
Thallium	205-1	111690	113556	117323	114190	2.51	cps
Tin	118-1	153946	155611	155790	155116	0.66	cps
Titanium	47-1	1623826	1674315	1644211	1647451	1.54	cps
Uranium	238-1	326095	316770	326749	323205	1.73	cps
Vanadium	51-1	213950	218059	212278	214762	1.39	cps
Ytterbium	172-1	50	42	58	50	16.67	cps
Ytterbium	176-1	1075	1033	1017	1042	2.89	cps
Yttrium	89-1	10941262	11001952	11179777	11040997	1.12	cps
Zinc	66-1	39746	39747	40459	39984	1.03	cps
Zirconium	90-1	403263	399956	397532	400250	0.72	cps
Zirconium	91-1	88213	89413	88390	88672	0.73	cps

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:58:19	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	439699104	439936391	439924949	439853481	0.03	cps
Antimony	121-1	1821388	1857547	1828146	1835694	1.05	cps
Arsenic	75-1	571972	568030	571983	570662	0.40	cps
Barium	135-1	2216530	2248116	2173552	2212733	1.69	cps
Barium	137-1	3857691	3819835	3800015	3825847	0.77	cps
Beryllium	9-1	625734	630663	631971	629456	0.52	cps
Bismuth	209-1	2905815	2907495	2848471	2887260	1.16	cps
Boron	10-1	52955	57866	59665	56828	6.11	cps
Boron	11-1	255246	270983	282160	269463	5.02	cps
Bromine	81-1	15725	15695	15444	15622	0.99	cps
Cadmium	111-1	411063	413510	415530	413368	0.54	cps
Cadmium	106-1	51138	52509	51648	51765	1.34	cps
Cadmium	108-1	33637	34255	33984	33959	0.91	cps
Calcium	43-1	3692349	3859152	3855465	3802322	2.51	cps
Calcium	44-1	61562110	64144608	64723998	63476905	2.65	cps
Carbon	12-1	5440710	5620632	5662930	5574757	2.12	cps
Chlorine	35-1	5267434	4885922	4677329	4943562	6.05	cps
Chromium	52-1	4679537	4647316	4602259	4643037	0.84	cps
Cobalt	59-1	5379311	5266729	5323012	5323017	1.06	cps
Copper	63-1	29650846	30205703	29944280	29933610	0.93	cps
Dysprosium	156-1	225	217	283	242	15.03	cps
Erbium	164-1	58	33	50	47	26.96	cps
Gadolinium	160-1	225	142	167	178	24.06	cps
Holmium	165-1	5873004	5367649	5524271	5588308	4.63	cps
Indium	115-1	5822258	5728880	5652346	5734495	1.48	cps
Iron	56-1	1284262257	1277990105	1274103098	1278785153	0.40	cps
Iron	57-1	31900561	30827703	31308586	31345617	1.71	cps
Iron	54-1						cps
Krypton	83-1	706	730	719	718	1.65	cps
Lead	206-1	5051131	4979509	4957651	4996097	0.98	cps
Lead	207-1	4427110	4364939	4387116	4393055	0.72	cps
Lead	208-1	19869626	20184336	20046045	20033336	0.79	cps
Lithium	6-1	3216937	3199544	3171353	3195945	0.72	cps
Magnesium	24-1	1784840097	1770026484	1806890066	1787252216	1.04	cps
Manganese	55-1	61053035	61890711	61077612	61340452	0.78	cps
Molybdenum	94-1	8010717	7873094	7884007	7922606	0.97	cps

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:58:19	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	11537593	11408402	11333907	11426634	0.90	cps
Molybdenum	96-1	12417183	12519763	12523959	12486968	0.48	cps
Molybdenum	97-1	6914626	6974776	6908000	6932467	0.53	cps
Molybdenum	98-1	18313533	18050558	17810974	18058355	1.39	cps
Neodymium	150-1	160	100	140	133	22.91	cps
Nickel	60-1	1128262	1109114	1111098	1116158	0.94	cps
Phosphorus	31-1	3720955	3803805	3828001	3784254	1.48	cps
Potassium	39-1	1051482986	1045858862	1074087550	1057143133	1.41	cps
Rhodium	103-1	5665943	5587005	5504148	5585699	1.45	cps
Scandium	45-1	4982912	5149350	5027837	5053366	1.70	cps
Selenium	77-1	29190	29481	29582	29418	0.69	cps
Selenium	78-1	169592	171284	171166	170681	0.55	cps
Selenium	82-1	36447	36082	35697	36076	1.04	cps
Silicon	28-1	3539850	3675500	3698967	3638105	2.36	cps
Silver	107-1	2447869	2553769	2473953	2491864	2.21	cps
Silver	109-1	2286151	2327540	2304436	2306042	0.90	cps
Sodium	23-1	2401124240	2441463057	2482617090	2441734795	1.67	cps
Strontium	86-1	19045769	18832992	19149727	19009496	0.85	cps
Strontium	88-1	159422633	159056604	162508316	160329184	1.18	cps
Sulfur	34-1	683745	688452	682232	684810	0.47	cps
Terbium	159-1	6200234	5987087	5947685	6045002	2.25	cps
Thallium	203-1	1149370	1170677	1173809	1164619	1.14	cps
Thallium	205-1	2927304	2834420	2802942	2854889	2.26	cps
Tin	118-1	1596913	1611650	1593086	1600550	0.61	cps
Titanium	47-1	3945781	4040631	4012447	3999620	1.22	cps
Uranium	238-1	3484175	3548790	3482529	3505165	1.08	cps
Vanadium	51-1	5497891	5614455	5561204	5557850	1.05	cps
Ytterbium	172-1	125	75	75	92	31.49	cps
Ytterbium	176-1	3801	3767	3484	3684	4.72	cps
Yttrium	89-1	11123775	10931296	10775394	10943488	1.59	cps
Zinc	66-1	6377136	6324605	6448776	6383506	0.98	cps
Zirconium	90-1	4104349	4123623	4166242	4131405	0.77	cps
Zirconium	91-1	887444	882143	906373	891987	1.43	cps

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:12:31	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	18461	17378	17188	17676	3.88	cps
Antimony	121-1	167	225	208	200	15.02	cps
Arsenic	75-1	175	133	233	181	27.82	cps
Barium	135-1	25	25	25	25	0.00	cps
Barium	137-1	75	75	58	69	13.85	cps
Beryllium	9-1	94	84	76	85	10.38	cps
Bismuth	209-1	2842861	2913613	2920551	2892342	1.49	cps
Boron	10-1	1536	1646	1554	1578	3.74	cps
Boron	11-1	7538	7478	7298	7438	1.68	cps
Bromine	81-1	14783	14863	15294	14980	1.83	cps
Cadmium	111-1	268	301	263	277	7.61	cps
Cadmium	106-1	2467	2809	2492	2589	7.36	cps
Cadmium	108-1	0	13	17	10	89.22	cps
Calcium	43-1	362	395	371	376	4.47	cps
Calcium	44-1	23859	23847	23854	23854	0.03	cps
Carbon	12-1	3948883	4079536	4055938	4028119	1.73	cps
Chlorine	35-1	1059681	1049013	1041036	1049910	0.89	cps
Chromium	52-1	19964	19443	20215	19874	1.98	cps
Cobalt	59-1	340	400	491	410	18.41	cps
Copper	63-1	6275	6311	6418	6335	1.18	cps
Dysprosium	156-1	8	33	0	14	124.91	cps
Erbium	164-1	0	25	8	11	114.58	cps
Gadolinium	160-1	50	50	67	56	17.32	cps
Holmium	165-1	5197605	5350230	5261491	5269775	1.45	cps
Indium	115-1	5428069	5469835	5612011	5503305	1.75	cps
Iron	56-1	5695840	5786988	5780739	5754522	0.88	cps
Iron	57-1	67578	68090	68995	68221	1.05	cps
Iron	54-1						cps
Krypton	83-1	726	695	744	722	3.42	cps
Lead	206-1	571	671	551	597	10.78	cps
Lead	207-1	541	671	501	571	15.59	cps
Lead	208-1	2506	2608	2307	2474	6.20	cps
Lithium	6-1	3053236	3171092	3107250	3110526	1.90	cps
Magnesium	24-1	24095	24396	23433	23975	2.05	cps
Manganese	55-1	21689	21268	21899	21619	1.49	cps
Molybdenum	94-1	283	350	300	311	11.15	cps

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:12:31	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	233	275	275	261	9.21	cps
Molybdenum	96-1	492	383	458	444	12.48	cps
Molybdenum	97-1	275	183	167	208	28.00	cps
Molybdenum	98-1	583	442	450	492	16.17	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Nickel	60-1	220	240	210	224	6.84	cps
Phosphorus	31-1	36624	37587	36975	37062	1.32	cps
Potassium	39-1	5410338	5385601	5359027	5384989	0.48	cps
Rhodium	103-1	5528486	5484961	5646243	5553230	1.50	cps
Scandium	45-1	4708309	4749627	4747129	4735021	0.49	cps
Selenium	77-1	150	90	170	137	30.47	cps
Selenium	78-1	74602	77772	76001	76125	2.09	cps
Selenium	82-1	-11	58	-50	-1	-4355.46	cps
Silicon	28-1	1645564	1693447	1695314	1678109	1.68	cps
Silver	107-1	183	125	192	167	21.80	cps
Silver	109-1	92	92	92	92	0.00	cps
Sodium	23-1	1096045	1098565	1109975	1101528	0.67	cps
Strontium	86-1	1317	1258	1408	1328	5.70	cps
Strontium	88-1	1008	983	1125	1039	7.28	cps
Sulfur	34-1	424451	426325	424067	424948	0.28	cps
Terbium	159-1	5556368	5666559	5664582	5629170	1.12	cps
Thallium	203-1	417	400	450	422	6.03	cps
Thallium	205-1	983	950	1133	1022	9.55	cps
Tin	118-1	1350	1275	1108	1245	9.94	cps
Titanium	47-1	533	458	508	500	7.64	cps
Uranium	238-1	8	50	58	39	68.89	cps
Vanadium	51-1	611	511	571	564	8.93	cps
Ytterbium	172-1	25	42	25	31	31.50	cps
Ytterbium	176-1	500	717	658	625	17.94	cps
Yttrium	89-1	10110096	10187643	10322756	10206832	1.05	cps
Zinc	66-1	1101	1021	971	1031	6.37	cps
Zirconium	90-1	392	533	717	547	29.78	cps
Zirconium	91-1	92	58	150	100	46.40	cps

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:15:27	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	172467	174615	173104	173395	0.64	cps
Antimony	121-1	6869	6477	7327	6891	6.18	cps
Arsenic	75-1	1242	1483	1350	1358	8.91	cps
Barium	135-1	8236	8987	8645	8622	4.36	cps
Barium	137-1	13791	14191	14700	14227	3.20	cps
Beryllium	9-1	1405	1452	1437	1432	1.70	cps
Bismuth	209-1	2735229	2835943	2926102	2832424	3.37	cps
Boron	10-1	3496	3786	3650	3644	3.98	cps
Boron	11-1	16108	17285	17671	17021	4.78	cps
Bromine	81-1	14022	13731	15395	14382	6.18	cps
Cadmium	111-1	1148	1166	1122	1145	1.96	cps
Cadmium	106-1	2359	2575	2625	2520	5.63	cps
Cadmium	108-1	96	113	100	103	8.44	cps
Calcium	43-1	7175	7325	7101	7200	1.58	cps
Calcium	44-1	139946	141297	139300	140181	0.73	cps
Carbon	12-1	4339499	4276532	4201469	4272500	1.62	cps
Chlorine	35-1	851381	833499	819100	834660	1.94	cps
Chromium	52-1	39053	39364	37668	38695	2.33	cps
Cobalt	59-1	10795	10865	11096	10919	1.44	cps
Copper	63-1	17578	17664	17231	17491	1.31	cps
Dysprosium	156-1	25	8	25	19	49.50	cps
Erbium	164-1	50	17	25	31	56.77	cps
Gadolinium	160-1	83	33	58	58	42.87	cps
Holmium	165-1	5027326	5364104	5382860	5258097	3.81	cps
Indium	115-1	5332207	5497296	5730030	5519844	3.62	cps
Iron	56-1	6337954	6346265	6325017	6336412	0.17	cps
Iron	57-1	79702	79199	82158	80353	1.97	cps
Iron	54-1						cps
Krypton	83-1	777	724	694	732	5.80	cps
Lead	206-1	2383	2453	2593	2476	4.32	cps
Lead	207-1	2513	2453	2062	2343	10.44	cps
Lead	208-1	10358	10185	10062	10201	1.46	cps
Lithium	6-1	3007381	3246390	3130057	3127943	3.82	cps
Magnesium	24-1	3543685	3507002	3458756	3503148	1.22	cps
Manganese	55-1	34316	33734	33975	34009	0.86	cps
Molybdenum	94-1	9587	9353	9303	9415	1.61	cps

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:15:27	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	10921	11805	11438	11388	3.90	cps
Molybdenum	96-1	12473	12481	12539	12498	0.29	cps
Molybdenum	97-1	6952	6785	7177	6971	2.82	cps
Molybdenum	98-1	18246	18338	17720	18101	1.84	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Nickel	60-1	2573	2443	2383	2466	3.94	cps
Phosphorus	31-1	46321	43279	43539	44380	3.80	cps
Potassium	39-1	9420873	9164855	9228784	9271504	1.44	cps
Rhodium	103-1	5358236	5612131	5701920	5557429	3.21	cps
Scandium	45-1	4404710	4709095	4818383	4644062	4.62	cps
Selenium	77-1	460	450	470	460	2.17	cps
Selenium	78-1	77804	77944	75227	76991	1.99	cps
Selenium	82-1	342	352	362	352	2.84	cps
Silicon	28-1	1716165	1679067	1650447	1681893	1.96	cps
Silver	107-1	4834	5226	4809	4957	4.72	cps
Silver	109-1	4593	4476	4676	4581	2.19	cps
Sodium	23-1	5693488	5607312	5563476	5621425	1.18	cps
Strontium	86-1	2659	2692	2667	2673	0.65	cps
Strontium	88-1	12381	12956	12781	12706	2.32	cps
Sulfur	34-1	426926	427103	438088	430706	1.48	cps
Terbium	159-1	5506921	5612216	5686324	5601820	1.61	cps
Thallium	203-1	2942	2375	2825	2714	11.03	cps
Thallium	205-1	5885	6569	6627	6360	6.49	cps
Tin	118-1	16027	16018	15676	15907	1.26	cps
Titanium	47-1	4392	4034	4092	4173	4.61	cps
Uranium	238-1	6243	5935	6385	6188	3.72	cps
Vanadium	51-1	52319	51194	52620	52044	1.44	cps
Ytterbium	172-1	50	25	42	39	32.73	cps
Ytterbium	176-1	742	600	900	747	20.08	cps
Yttrium	89-1	9826089	10419514	10392590	10212731	3.28	cps
Zinc	66-1	3244	3394	3664	3434	6.21	cps
Zirconium	90-1	7569	8311	7794	7891	4.82	cps
Zirconium	91-1	1683	1758	1834	1759	4.27	cps

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	N3734-03	Instrumnet Name :	P8
Client Sample ID :	WS-MINERALS-MIX-1	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:26:55	DataFile Name :	021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	54909	56084	65819	58937	10.16	cps
Antimony	121-1	75	92	75	81	11.95	cps
Arsenic	75-1	192	150	125	156	21.65	cps
Barium	135-1	75	67	75	72	6.66	cps
Barium	137-1	117	158	108	128	20.96	cps
Beryllium	9-1	79	60	72	70	13.56	cps
Bismuth	209-1	2848469	2969569	2890687	2902908	2.12	cps
Boron	10-1	4106	4308	4396	4270	3.48	cps
Boron	11-1	18314	19665	20642	19540	5.98	cps
Bromine	81-1	19785	19102	19273	19387	1.83	cps
Cadmium	111-1	268	264	253	261	3.05	cps
Cadmium	106-1	2692	2659	2634	2661	1.10	cps
Cadmium	108-1	38	21	33	31	28.39	cps
Calcium	43-1	707	696	662	689	3.40	cps
Calcium	44-1	29062	29073	28580	28905	0.97	cps
Carbon	12-1	4003895	4136411	4025126	4055144	1.76	cps
Chlorine	35-1	792425	819765	840152	817447	2.93	cps
Chromium	52-1	20376	21057	20766	20733	1.65	cps
Cobalt	59-1	631	641	611	627	2.44	cps
Copper	63-1	9420	9420	9493	9444	0.45	cps
Dysprosium	156-1	25	0	17	14	91.65	cps
Erbium	164-1	58	42	33	44	28.64	cps
Gadolinium	160-1	25	50	42	39	32.73	cps
Holmium	165-1	5397096	5460493	5348837	5402142	1.04	cps
Indium	115-1	5675341	5822730	5517372	5671814	2.69	cps
Iron	56-1	6300312	5965386	5970163	6078620	3.16	cps
Iron	57-1	76834	77779	75878	76830	1.24	cps
Iron	54-1						cps
Krypton	83-1	654	741	681	692	6.47	cps
Lead	206-1	1371	1412	1201	1328	8.41	cps
Lead	207-1	1001	1061	1091	1051	4.36	cps
Lead	208-1	4628	4979	5004	4870	4.31	cps
Lithium	6-1	3187149	3339791	3220390	3249110	2.47	cps
Magnesium	24-1	21749	21238	21198	21395	1.44	cps
Manganese	55-1	34738	35149	34657	34848	0.76	cps
Molybdenum	94-1	342	275	308	308	10.81	cps

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	N3734-03	Instrumnet Name :	P8
Client Sample ID :	WS-MINERALS-MIX-1	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:26:55	DataFile Name :	021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	183	175	175	178	2.71	cps
Molybdenum	96-1	300	325	267	297	9.85	cps
Molybdenum	97-1	108	75	125	103	24.77	cps
Molybdenum	98-1	250	267	383	300	24.22	cps
Neodymium	150-1	27	7	27	20	57.73	cps
Nickel	60-1	370	430	350	384	10.86	cps
Phosphorus	31-1	36554	37597	37407	37186	1.49	cps
Potassium	39-1	273836857	264603729	265564570	268001719	1.89	cps
Rhodium	103-1	5553424	5906864	5515530	5658606	3.81	cps
Scandium	45-1	4660478	4882774	4662513	4735255	2.70	cps
Selenium	77-1	160	60	100	107	47.19	cps
Selenium	78-1	74603	76385	76495	75827	1.40	cps
Selenium	82-1	16	-5	-27	-5	-403.72	cps
Silicon	28-1	2265955	2281763	2256658	2268125	0.56	cps
Silver	107-1	42	100	92	78	40.56	cps
Silver	109-1	83	83	50	72	26.65	cps
Sodium	23-1	190390299	193853497	186087651	190110482	2.05	cps
Strontium	86-1	1325	1167	1200	1231	6.78	cps
Strontium	88-1	1683	1433	1333	1483	12.15	cps
Sulfur	34-1	449329	443914	439318	444187	1.13	cps
Terbium	159-1	5570693	5994702	5568680	5711358	4.30	cps
Thallium	203-1	433	450	358	414	11.80	cps
Thallium	205-1	958	1000	892	950	5.75	cps
Tin	118-1	4793	4976	4726	4832	2.68	cps
Titanium	47-1	558	417	433	469	16.50	cps
Uranium	238-1	42	42	8	31	62.99	cps
Vanadium	51-1	511	491	440	481	7.51	cps
Ytterbium	172-1	25	33	33	31	15.74	cps
Ytterbium	176-1	742	908	692	781	14.53	cps
Yttrium	89-1	10234271	10315914	10142316	10230833	0.85	cps
Zinc	66-1	3114	2943	2843	2967	4.61	cps
Zirconium	90-1	625	642	650	639	1.99	cps
Zirconium	91-1	183	142	133	153	17.53	cps

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	N3734-05	Instrumnet Name :	P8
Client Sample ID :	WS-TRACE-ELEMENTS	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:29:54	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	61924	62307	94574	72935	25.70	cps
Antimony	121-1	138247	140331	140140	139573	0.83	cps
Arsenic	75-1	39890	40041	39189	39707	1.15	cps
Barium	135-1	731167	741111	755401	742560	1.64	cps
Barium	137-1	1261653	1310323	1301855	1291277	2.01	cps
Beryllium	9-1	22438	22762	22213	22471	1.23	cps
Bismuth	209-1	2893755	2955301	3045676	2964911	2.58	cps
Boron	10-1	2838	2938	3028	2934	3.24	cps
Boron	11-1	13089	14004	14772	13955	6.04	cps
Bromine	81-1	15755	15094	15194	15348	2.32	cps
Cadmium	111-1	28992	29271	30062	29441	1.88	cps
Cadmium	106-1	5151	5243	6052	5482	9.04	cps
Cadmium	108-1	2092	1838	1892	1940	6.90	cps
Calcium	43-1	450	434	570	485	15.36	cps
Calcium	44-1	24384	24293	25645	24774	3.05	cps
Carbon	12-1	3850572	3917721	4017406	3928566	2.14	cps
Chlorine	35-1	652115	649879	643816	648603	0.66	cps
Chromium	52-1	371661	373888	374540	373363	0.40	cps
Cobalt	59-1	671	691	721	694	3.63	cps
Copper	63-1	3469581	3575873	3464596	3503350	1.79	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Erbium	164-1	33	25	25	28	17.31	cps
Gadolinium	160-1	58	33	75	56	37.75	cps
Holmium	165-1	5531633	5632382	5607638	5590551	0.94	cps
Indium	115-1	5495295	5622772	5665514	5594527	1.58	cps
Iron	56-1	5809297	5800925	5806233	5805485	0.07	cps
Iron	57-1	70625	69459	70394	70159	0.88	cps
Iron	54-1						cps
Krypton	83-1	736	732	724	731	0.88	cps
Lead	206-1	107625	105901	104676	106067	1.40	cps
Lead	207-1	92202	93138	93452	92931	0.70	cps
Lead	208-1	430130	430480	424804	428471	0.74	cps
Lithium	6-1	3190290	3302637	3236458	3243128	1.74	cps
Magnesium	24-1	17499	17829	76843	37390	91.38	cps
Manganese	55-1	21799	21769	22151	21906	0.97	cps
Molybdenum	94-1	458	475	525	486	7.14	cps

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	N3734-05	Instrumnet Name :	P8
Client Sample ID :	WS-TRACE-ELEMENTS	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:29:54	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	125	83	492	233	96.30	cps
Molybdenum	96-1	258	258	667	394	59.77	cps
Molybdenum	97-1	75	58	183	106	64.30	cps
Molybdenum	98-1	192	250	717	386	74.53	cps
Neodymium	150-1	53	27	47	42	32.86	cps
Nickel	60-1	197729	200957	197278	198655	1.01	cps
Phosphorus	31-1	37116	36514	37879	37169	1.84	cps
Potassium	39-1	5468300	5335837	5352744	5385627	1.34	cps
Rhodium	103-1	5546509	5911845	5898529	5785628	3.58	cps
Scandium	45-1	4831295	4797233	4653854	4760794	1.98	cps
Selenium	77-1	4255	3484	4145	3961	10.53	cps
Selenium	78-1	86704	88769	87176	87550	1.24	cps
Selenium	82-1	4961	4968	4798	4909	1.96	cps
Silicon	28-1	1861621	1861522	1872796	1865313	0.35	cps
Silver	107-1	117	67	133	106	32.87	cps
Silver	109-1	67	108	83	86	24.35	cps
Sodium	23-1	1210062	1218859	1282465	1237129	3.19	cps
Strontium	86-1	1225	1192	1675	1364	19.79	cps
Strontium	88-1	925	950	3652	1842	85.06	cps
Sulfur	34-1	448964	440584	442214	443921	1.00	cps
Terbium	159-1	5855336	5645199	5615426	5705320	2.29	cps
Thallium	203-1	19081	19557	20383	19674	3.35	cps
Thallium	205-1	48491	46276	47538	47435	2.34	cps
Tin	118-1	1192	950	1300	1147	15.62	cps
Titanium	47-1	442	367	617	475	27.01	cps
Uranium	238-1	8	25	125	53	119.56	cps
Vanadium	51-1	440	450	741	544	31.36	cps
Ytterbium	172-1	50	50	33	44	21.66	cps
Ytterbium	176-1	650	742	733	708	7.16	cps
Yttrium	89-1	10378988	10303579	10617749	10433439	1.57	cps
Zinc	66-1	1131	1091	1301	1175	9.50	cps
Zirconium	90-1	1133	967	1058	1053	7.93	cps
Zirconium	91-1	175	225	275	225	22.22	cps

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	N3734-06	Instrumnet Name :	P8
Client Sample ID :	WS-TRACE-ELEMENTS	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:32:50	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	120449	120893	118874	120072	0.88	cps
Antimony	121-1	125	133	183	147	21.43	cps
Arsenic	75-1	167	158	92	139	29.60	cps
Barium	135-1	117	125	142	128	9.96	cps
Barium	137-1	117	125	150	131	13.29	cps
Beryllium	9-1	81	85	77	81	4.62	cps
Bismuth	209-1	2890804	2929107	2863559	2894490	1.14	cps
Boron	10-1	137733	151473	159959	149722	7.49	cps
Boron	11-1	648535	715593	769116	711081	8.50	cps
Bromine	81-1	15946	15495	15695	15712	1.44	cps
Cadmium	111-1	237	226	218	227	4.05	cps
Cadmium	106-1	2550	2484	2517	2517	1.32	cps
Cadmium	108-1	92	79	83	85	7.51	cps
Calcium	43-1	461	401	381	415	10.04	cps
Calcium	44-1	24396	23902	24274	24191	1.06	cps
Carbon	12-1	3880637	3988912	3918534	3929361	1.40	cps
Chlorine	35-1	599944	590520	591636	594033	0.87	cps
Chromium	52-1	20446	20486	21348	20760	2.46	cps
Cobalt	59-1	1221	1131	1111	1155	5.08	cps
Copper	63-1	6328	5841	6228	6132	4.19	cps
Dysprosium	156-1	17	17	33	22	43.28	cps
Erbium	164-1	50	42	33	42	19.99	cps
Gadolinium	160-1	58	58	33	50	28.87	cps
Holmium	165-1	5370597	5441284	5422039	5411307	0.68	cps
Indium	115-1	5688076	5765780	5638237	5697364	1.13	cps
Iron	56-1	5825176	5781315	5847879	5818123	0.58	cps
Iron	57-1	71581	69932	69529	70347	1.55	cps
Iron	54-1						cps
Krypton	83-1	720	720	695	712	2.03	cps
Lead	206-1	681	681	901	754	16.86	cps
Lead	207-1	581	781	581	647	17.86	cps
Lead	208-1	2950	3051	2982	2994	1.71	cps
Lithium	6-1	3235571	3287143	3122889	3215201	2.61	cps
Magnesium	24-1	17288	16446	16436	16724	2.92	cps
Manganese	55-1	10427770	10660060	10754437	10614089	1.58	cps
Molybdenum	94-1	124622	120462	120368	121817	1.99	cps

LB Number : LB121724 Operator : Jaswal
 Lab Sample ID : N3734-06 Instrumnet Name : P8
 Client Sample ID : WS-TRACE-ELEMENTS Dilution Factor : 1
 Date & Time Acquired : 2022-08-24 14:32:50 DataFile Name : 023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	211600	212843	207538	210660	1.32	cps
Molybdenum	96-1	226521	227370	222886	225592	1.06	cps
Molybdenum	97-1	131883	128206	126097	128729	2.27	cps
Molybdenum	98-1	332126	334465	331909	332833	0.43	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Nickel	60-1	170	280	360	270	35.33	cps
Phosphorus	31-1	37467	35821	37035	36774	2.32	cps
Potassium	39-1	5310733	5340822	5360313	5337289	0.47	cps
Rhodium	103-1	5720902	5862500	5631198	5738200	2.03	cps
Scandium	45-1	4592747	4860347	4636900	4696665	3.05	cps
Selenium	77-1	160	120	220	167	30.20	cps
Selenium	78-1	78124	74190	75076	75797	2.72	cps
Selenium	82-1	-10	-59	16	-17	-217.49	cps
Silicon	28-1	2573624	2582082	2538543	2564749	0.90	cps
Silver	107-1	383	492	350	408	18.14	cps
Silver	109-1	342	350	425	372	12.33	cps
Sodium	23-1	1364472	1359885	1360750	1361702	0.18	cps
Strontium	86-1	1375	1017	1183	1192	15.05	cps
Strontium	88-1	858	625	758	747	15.67	cps
Sulfur	34-1	440210	438649	439166	439342	0.18	cps
Terbium	159-1	5628644	6010731	5833722	5824366	3.28	cps
Thallium	203-1	325	400	283	336	17.59	cps
Thallium	205-1	867	683	892	814	13.98	cps
Tin	118-1	1158	1217	1309	1228	6.16	cps
Titanium	47-1	508	583	550	547	6.87	cps
Uranium	238-1	17	8	8	11	43.34	cps
Vanadium	51-1	531	621	400	517	21.41	cps
Ytterbium	172-1	42	17	50	36	48.03	cps
Ytterbium	176-1	700	667	700	689	2.79	cps
Yttrium	89-1	10374219	10629969	10293645	10432611	1.68	cps
Zinc	66-1	1393277	1406136	1398710	1399374	0.46	cps
Zirconium	90-1	2517	2717	2492	2575	4.79	cps
Zirconium	91-1	608	617	625	617	1.35	cps

LB Number : LB121724 Operator : Jaswal
 Lab Sample ID : N3734-07 Instrumnet Name : P8
 Client Sample ID : WS-TRACE-ELEMENTS Dilution Factor : 1
 Date & Time Acquired : 2022-08-24 14:35:48 DataFile Name : 024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	5030084	4997583	5056193	5027954	0.58	cps
Antimony	121-1	192	133	217	181	23.68	cps
Arsenic	75-1	142	175	75	131	39.00	cps
Barium	135-1	67	58	50	58	14.29	cps
Barium	137-1	133	133	125	131	3.69	cps
Beryllium	9-1	72	64	69	68	6.43	cps
Bismuth	209-1	2809479	2894557	2986721	2896919	3.06	cps
Boron	10-1	17953	16086	14915	16318	9.39	cps
Boron	11-1	86345	77827	70544	78239	10.11	cps
Bromine	81-1	15936	15445	14452	15278	4.95	cps
Cadmium	111-1	267	256	204	242	13.85	cps
Cadmium	106-1	2734	2609	2192	2511	11.30	cps
Cadmium	108-1	21	25	33	26	24.12	cps
Calcium	43-1	384	450	399	411	8.46	cps
Calcium	44-1	23861	23986	23985	23944	0.30	cps
Carbon	12-1	3926172	3976336	3948330	3950280	0.64	cps
Chlorine	35-1	553673	554238	547259	551723	0.70	cps
Chromium	52-1	20536	20316	20405	20419	0.54	cps
Cobalt	59-1	561	571	731	621	15.39	cps
Copper	63-1	5681	5911	5725	5772	2.12	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Erbium	164-1	33	25	17	25	33.32	cps
Gadolinium	160-1	42	50	50	47	10.18	cps
Holmium	165-1	5405054	5781823	5392700	5526526	4.00	cps
Indium	115-1	5736954	5792465	5543506	5690975	2.30	cps
Iron	56-1	9569498	9810926	9554969	9645131	1.49	cps
Iron	57-1	167887	167237	163806	166310	1.32	cps
Iron	54-1						cps
Krypton	83-1	727	681	711	707	3.32	cps
Lead	206-1	671	661	621	651	4.07	cps
Lead	207-1	481	681	531	564	18.48	cps
Lead	208-1	2424	2703	2424	2517	6.40	cps
Lithium	6-1	3127188	3378394	3234329	3246637	3.88	cps
Magnesium	24-1	20678478	20372887	20281005	20444123	1.02	cps
Manganese	55-1	20666	21177	21458	21101	1.90	cps
Molybdenum	94-1	325	267	425	339	23.63	cps

LB Number : LB121724 Operator : Jaswal
 Lab Sample ID : N3734-07 Instrumnet Name : P8
 Client Sample ID : WS-TRACE-ELEMENTS Dilution Factor : 1
 Date & Time Acquired : 2022-08-24 14:35:48 DataFile Name : 024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	242	108	167	172	38.81	cps
Molybdenum	96-1	300	242	333	292	15.91	cps
Molybdenum	97-1	58	75	50	61	20.83	cps
Molybdenum	98-1	267	258	158	228	26.47	cps
Neodymium	150-1	13	33	33	27	43.31	cps
Nickel	60-1	330	350	330	337	3.43	cps
Phosphorus	31-1	36202	37467	35962	36543	2.21	cps
Potassium	39-1	5257389	5286139	5269010	5270846	0.27	cps
Rhodium	103-1	5556522	5949089	5671369	5725660	3.53	cps
Scandium	45-1	4850073	5021830	4884276	4918726	1.85	cps
Selenium	77-1	170	160	100	143	26.42	cps
Selenium	78-1	75226	75739	75015	75327	0.49	cps
Selenium	82-1	-64	-11	-56	-44	-64.92	cps
Silicon	28-1	1808166	1778048	1759235	1781817	1.39	cps
Silver	107-1	760404	766364	751082	759284	1.01	cps
Silver	109-1	699670	715652	682648	699323	2.36	cps
Sodium	23-1	1115176	1152518	1123425	1130373	1.74	cps
Strontium	86-1	1350	1258	1133	1247	8.72	cps
Strontium	88-1	567	583	625	592	5.08	cps
Sulfur	34-1	435833	431414	428719	431989	0.83	cps
Terbium	159-1	5668789	5819470	5458163	5648807	3.21	cps
Thallium	203-1	350	267	300	306	13.73	cps
Thallium	205-1	808	675	617	700	14.04	cps
Tin	118-1	1208	1175	1250	1211	3.10	cps
Titanium	47-1	458	492	492	481	4.01	cps
Uranium	238-1	17	33	25	25	33.32	cps
Vanadium	51-1	6870104	6725428	6628039	6741190	1.81	cps
Ytterbium	172-1	67	50	17	44	57.28	cps
Ytterbium	176-1	725	708	708	714	1.35	cps
Yttrium	89-1	10640068	10946937	10525893	10704299	2.03	cps
Zinc	66-1	1121	1381	891	1131	21.70	cps
Zirconium	90-1	750	758	825	778	5.29	cps
Zirconium	91-1	125	250	183	186	33.61	cps

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	PB146293BL	Instrumnet Name :	P8
Client Sample ID :	PB146293BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:40:16	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	38781	37878	40538	39066	3.46	cps
Antimony	121-1	42	42	25	36	26.65	cps
Arsenic	75-1	125	67	217	136	55.55	cps
Barium	135-1	42	33	33	36	13.33	cps
Barium	137-1	17	33	50	33	50.00	cps
Beryllium	9-1	56	92	65	71	26.55	cps
Bismuth	209-1	2886446	2854546	2749067	2830020	2.54	cps
Boron	10-1	5560	5370	5212	5381	3.24	cps
Boron	11-1	26481	25838	25036	25785	2.81	cps
Bromine	81-1	15064	15294	14202	14853	3.88	cps
Cadmium	111-1	287	273	206	255	17.00	cps
Cadmium	106-1	2592	2625	2267	2495	7.94	cps
Cadmium	108-1	38	21	42	33	33.08	cps
Calcium	43-1	379	401	376	385	3.57	cps
Calcium	44-1	23749	23240	23610	23533	1.12	cps
Carbon	12-1	3992613	3996932	3891398	3960315	1.51	cps
Chlorine	35-1	512107	519781	507960	513283	1.17	cps
Chromium	52-1	20526	20927	19854	20436	2.65	cps
Cobalt	59-1	571	661	631	621	7.39	cps
Copper	63-1	5758	5504	5508	5590	2.60	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Erbium	164-1	33	25	33	31	15.74	cps
Gadolinium	160-1	25	42	25	31	31.50	cps
Holmium	165-1	5243223	5268744	4992435	5168134	2.95	cps
Indium	115-1	5672082	5342809	5439277	5484723	3.09	cps
Iron	56-1	5940210	5727901	5906268	5858126	1.95	cps
Iron	57-1	71238	69932	70233	70468	0.97	cps
Iron	54-1						cps
Krypton	83-1	750	687	696	711	4.76	cps
Lead	206-1	511	521	651	561	13.95	cps
Lead	207-1	481	410	370	420	13.26	cps
Lead	208-1	2130	2226	2093	2150	3.17	cps
Lithium	6-1	3155035	3154127	3035071	3114744	2.22	cps
Magnesium	24-1	15584	15544	15234	15454	1.24	cps
Manganese	55-1	20827	21488	20666	20994	2.08	cps
Molybdenum	94-1	242	192	217	217	11.54	cps

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	PB146293BL	Instrumnet Name :	P8
Client Sample ID :	PB146293BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:40:16	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	92	75	125	97	26.19	cps
Molybdenum	96-1	158	183	200	181	11.62	cps
Molybdenum	97-1	25	42	42	36	26.65	cps
Molybdenum	98-1	133	100	192	142	32.75	cps
Neodymium	150-1	0	13	20	11	91.66	cps
Nickel	60-1	290	230	260	260	11.54	cps
Phosphorus	31-1	36002	35490	35841	35777	0.73	cps
Potassium	39-1	5251250	5230579	5244889	5242239	0.20	cps
Rhodium	103-1	5727337	5719772	5326435	5591181	4.10	cps
Scandium	45-1	4742525	4851084	4625293	4739634	2.38	cps
Selenium	77-1	120	160	170	150	17.64	cps
Selenium	78-1	76293	75277	74281	75284	1.34	cps
Selenium	82-1	-44	4	15	-8	-374.20	cps
Silicon	28-1	1709614	1691779	1733761	1711718	1.23	cps
Silver	107-1	125	175	92	131	32.13	cps
Silver	109-1	50	133	100	94	44.41	cps
Sodium	23-1	906828	900800	909740	905790	0.50	cps
Strontium	86-1	1242	1167	1125	1178	5.02	cps
Strontium	88-1	667	683	733	694	5.00	cps
Sulfur	34-1	441539	430945	436222	436235	1.21	cps
Terbium	159-1	5693540	5727412	5434935	5618629	2.85	cps
Thallium	203-1	217	342	458	339	35.66	cps
Thallium	205-1	617	708	758	694	10.35	cps
Tin	118-1	1033	967	775	925	14.50	cps
Titanium	47-1	383	500	467	450	13.35	cps
Uranium	238-1	42	8	25	25	66.68	cps
Vanadium	51-1	501	641	701	614	16.73	cps
Ytterbium	172-1	33	25	33	31	15.74	cps
Ytterbium	176-1	758	683	767	736	6.24	cps
Yttrium	89-1	10175325	10523772	9952566	10217221	2.82	cps
Zinc	66-1	791	821	611	741	15.35	cps
Zirconium	90-1	475	533	517	508	5.91	cps
Zirconium	91-1	133	67	67	89	43.30	cps

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	PB146293BS	Instrumnet Name :	P8
Client Sample ID :	PB146293BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:43:15	DataFile Name :	026LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	83400953	84787179	85527652	84571928	1.28	cps
Antimony	121-1	1803909	1849975	1821022	1824969	1.28	cps
Arsenic	75-1	560147	564747	560768	561887	0.44	cps
Barium	135-1	2133321	2175429	2106219	2138323	1.63	cps
Barium	137-1	3670213	3657040	3571252	3632835	1.48	cps
Beryllium	9-1	642977	644683	642546	643402	0.18	cps
Bismuth	209-1	2754266	2860999	2865396	2826887	2.23	cps
Boron	10-1	52300	56637	57232	55390	4.86	cps
Boron	11-1	251693	264441	279578	265237	5.26	cps
Bromine	81-1	14793	15314	14593	14900	2.50	cps
Cadmium	111-1	425534	425905	423387	424942	0.32	cps
Cadmium	106-1	50619	50920	51556	51032	0.94	cps
Cadmium	108-1	34982	34598	34719	34766	0.57	cps
Calcium	43-1	776049	801875	792261	790061	1.65	cps
Calcium	44-1	12993881	12791301	13020154	12935112	0.97	cps
Carbon	12-1	5314978	5401023	5440751	5385584	1.19	cps
Chlorine	35-1	446757	447406	444982	446381	0.28	cps
Chromium	52-1	4377680	4566253	4571937	4505290	2.45	cps
Cobalt	59-1	5332387	5470391	5182582	5328453	2.70	cps
Copper	63-1	28317524	28577694	28192662	28362627	0.69	cps
Dysprosium	156-1	150	117	75	114	33.00	cps
Erbium	164-1	33	25	42	33	25.01	cps
Gadolinium	160-1	133	58	58	83	51.96	cps
Holmium	165-1	5469230	5485961	5554025	5503072	0.82	cps
Indium	115-1	5580592	5530235	5632613	5581147	0.92	cps
Iron	56-1	252719916	268769530	256734826	259408091	3.22	cps
Iron	57-1	6300903	6342185	6154384	6265824	1.58	cps
Iron	54-1						cps
Krypton	83-1	732	770	741	748	2.62	cps
Lead	206-1	5054892	5062099	5107983	5074991	0.57	cps
Lead	207-1	4375258	4437897	4316086	4376414	1.39	cps
Lead	208-1	19814347	19974607	19999449	19929468	0.50	cps
Lithium	6-1	3268707	3182465	3307812	3252995	1.97	cps
Magnesium	24-1	357267835	353087895	359310658	356555463	0.89	cps
Manganese	55-1	58640119	61202017	59344770	59728969	2.22	cps
Molybdenum	94-1	7556415	7654307	7748918	7653213	1.26	cps

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	PB146293BS	Instrumnet Name :	P8
Client Sample ID :	PB146293BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:43:15	DataFile Name :	026LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	10887385	10887063	10963766	10912738	0.40	cps
Molybdenum	96-1	11918490	11923934	12027599	11956675	0.51	cps
Molybdenum	97-1	6666361	6628027	6705447	6666612	0.58	cps
Molybdenum	98-1	17390137	17334485	17392330	17372318	0.19	cps
Neodymium	150-1	147	100	140	129	19.58	cps
Nickel	60-1	1119554	1141881	1134652	1132029	1.01	cps
Phosphorus	31-1	3577157	3632596	3739229	3649660	2.26	cps
Potassium	39-1	205331745	207028166	213087715	208482542	1.96	cps
Rhodium	103-1	5627929	5591438	5776956	5665441	1.73	cps
Scandium	45-1	4886746	4792671	4891588	4857002	1.15	cps
Selenium	77-1	28809	29250	29180	29080	0.82	cps
Selenium	78-1	171849	171274	170433	171185	0.42	cps
Selenium	82-1	37320	36656	36480	36819	1.20	cps
Silicon	28-1	3627836	3855537	3767151	3750175	3.06	cps
Silver	107-1	2469668	2517444	2449759	2478957	1.40	cps
Silver	109-1	2300084	2307404	2310969	2306152	0.24	cps
Sodium	23-1	475120594	477977481	470909993	474669356	0.75	cps
Strontium	86-1	18409910	18748317	18003526	18387251	2.03	cps
Strontium	88-1	155974203	158441074	155550408	156655229	1.00	cps
Sulfur	34-1	708157	702602	703323	704694	0.43	cps
Terbium	159-1	5809533	5701156	5838527	5783072	1.25	cps
Thallium	203-1	1162156	1158253	1180770	1167060	1.03	cps
Thallium	205-1	2865439	2955947	2932419	2917935	1.61	cps
Tin	118-1	1570086	1562137	1605937	1579387	1.48	cps
Titanium	47-1	3774736	3891790	3801765	3822764	1.60	cps
Uranium	238-1	3297049	3402631	3287583	3329087	1.92	cps
Vanadium	51-1	5129761	5301365	5301625	5244250	1.89	cps
Ytterbium	172-1	8	25	42	25	66.68	cps
Ytterbium	176-1	3726	3634	3476	3612	3.50	cps
Yttrium	89-1	10692665	10732435	10228613	10551238	2.65	cps
Zinc	66-1	6067853	6235890	6062563	6122102	1.61	cps
Zirconium	90-1	3986360	4032336	3817659	3945451	2.86	cps
Zirconium	91-1	868487	885795	861614	871965	1.43	cps

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:46:11	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	425920135	438578553	430588173	431695620	1.48	cps
Antimony	121-1	1830201	1834251	1849996	1838149	0.57	cps
Arsenic	75-1	551318	566452	544051	553940	2.06	cps
Barium	135-1	2159680	2226011	2226629	2204107	1.75	cps
Barium	137-1	3671910	3757261	3732455	3720542	1.18	cps
Beryllium	9-1	643496	648260	639057	643604	0.72	cps
Bismuth	209-1	2849116	2983935	2930597	2921216	2.32	cps
Boron	10-1	59943	62231	63435	61870	2.87	cps
Boron	11-1	277724	296665	303828	292739	4.61	cps
Bromine	81-1	15555	15104	15324	15328	1.47	cps
Cadmium	111-1	415667	419525	414884	416692	0.60	cps
Cadmium	106-1	47926	49624	53337	50296	5.50	cps
Cadmium	108-1	33228	33520	31716	32821	2.95	cps
Calcium	43-1	3697084	3938217	3904027	3846443	3.39	cps
Calcium	44-1	60135098	63830704	63454808	62473537	3.26	cps
Carbon	12-1	5298360	5450699	5408823	5385961	1.46	cps
Chlorine	35-1	456745	456106	452308	455053	0.53	cps
Chromium	52-1	4513747	4507973	4564907	4528875	0.69	cps
Cobalt	59-1	5336423	5303351	5305043	5314939	0.35	cps
Copper	63-1	29187648	29059960	28568735	28938781	1.13	cps
Dysprosium	156-1	200	408	217	275	42.10	cps
Erbium	164-1	42	58	33	44	28.65	cps
Gadolinium	160-1	217	208	175	200	11.02	cps
Holmium	165-1	5633829	5879642	5757133	5756868	2.13	cps
Indium	115-1	5685518	5647330	5713825	5682224	0.59	cps
Iron	56-1	1252650246	1247251327	1228567084	1242822886	1.02	cps
Iron	57-1	30123393	30315501	30975738	30471544	1.47	cps
Iron	54-1						cps
Krypton	83-1	682	736	702	707	3.84	cps
Lead	206-1	5022400	5145162	4987052	5051538	1.64	cps
Lead	207-1	4392159	4536791	4432893	4453948	1.67	cps
Lead	208-1	20020473	20553187	20219833	20264498	1.33	cps
Lithium	6-1	3213066	3210353	3228956	3217458	0.31	cps
Magnesium	24-1	1743834773	1755065123	1745305404	1748068434	0.35	cps
Manganese	55-1	60464766	59721374	57940097	59375412	2.19	cps
Molybdenum	94-1	7818103	7972787	7832026	7874305	1.09	cps

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:46:11	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	11161491	11356752	11267789	11262010	0.87	cps
Molybdenum	96-1	12155792	12423323	12350795	12309970	1.12	cps
Molybdenum	97-1	6799897	6817263	6854733	6823964	0.41	cps
Molybdenum	98-1	17913279	17749635	17695267	17786060	0.64	cps
Neodymium	150-1	113	107	147	122	17.53	cps
Nickel	60-1	1123161	1104795	1092266	1106741	1.40	cps
Phosphorus	31-1	3639797	3756857	3650998	3682551	1.75	cps
Potassium	39-1	1026707952	1024048973	1048043967	1032933631	1.27	cps
Rhodium	103-1	5494580	5450678	5717188	5554149	2.57	cps
Scandium	45-1	4794833	4989410	5169124	4984456	3.76	cps
Selenium	77-1	28719	30835	28298	29284	4.64	cps
Selenium	78-1	168519	167364	164942	166942	1.09	cps
Selenium	82-1	35633	35918	35582	35711	0.51	cps
Silicon	28-1	3651124	3715074	3711050	3692416	0.97	cps
Silver	107-1	2382809	2468588	2489667	2447022	2.31	cps
Silver	109-1	2217270	2300604	2200871	2239581	2.39	cps
Sodium	23-1	2460872626	2311801160	2354320237	2375664674	3.23	cps
Strontium	86-1	18063749	18404332	18872934	18447005	2.20	cps
Strontium	88-1	158492449	157105929	161315479	158971286	1.35	cps
Sulfur	34-1	693710	693907	677297	688305	1.39	cps
Terbium	159-1	5802988	6082010	6143008	6009335	3.02	cps
Thallium	203-1	1172939	1169694	1149017	1163884	1.11	cps
Thallium	205-1	2946991	2880594	2823423	2883669	2.14	cps
Tin	118-1	1566486	1608135	1568538	1581053	1.48	cps
Titanium	47-1	3892547	3901126	3984771	3926148	1.30	cps
Uranium	238-1	3471118	3610766	3460717	3514200	2.38	cps
Vanadium	51-1	5473099	5391549	5410306	5424985	0.79	cps
Ytterbium	172-1	125	75	58	86	40.29	cps
Ytterbium	176-1	3334	3492	3526	3451	2.97	cps
Yttrium	89-1	10706843	10555843	10982215	10748300	2.01	cps
Zinc	66-1	6144920	6238060	6121486	6168155	1.00	cps
Zirconium	90-1	4042535	4027220	4106471	4058742	1.04	cps
Zirconium	91-1	896284	895713	888717	893571	0.47	cps

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:55:34	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	15334	16176	16256	15922	3.21	cps
Antimony	121-1	167	242	283	231	25.64	cps
Arsenic	75-1	117	117	142	125	11.55	cps
Barium	135-1	50	42	8	33	66.15	cps
Barium	137-1	83	67	33	61	41.67	cps
Beryllium	9-1	77	111	99	96	17.81	cps
Bismuth	209-1	2998265	2850581	2895436	2914761	2.60	cps
Boron	10-1	3374	3448	3462	3428	1.38	cps
Boron	11-1	16550	16036	15982	16189	1.94	cps
Bromine	81-1	14472	14633	14553	14553	0.55	cps
Cadmium	111-1	263	233	269	255	7.42	cps
Cadmium	106-1	2467	2250	2559	2425	6.53	cps
Cadmium	108-1	25	42	29	32	27.15	cps
Calcium	43-1	335	326	356	339	4.55	cps
Calcium	44-1	23210	22934	23172	23105	0.65	cps
Carbon	12-1	3982779	3976580	3919242	3959534	0.88	cps
Chlorine	35-1	437134	447611	435766	440170	1.47	cps
Chromium	52-1	20426	19604	19904	19978	2.08	cps
Cobalt	59-1	360	631	561	517	27.12	cps
Copper	63-1	5845	5878	5478	5733	3.87	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Erbium	164-1	42	33	25	33	25.01	cps
Gadolinium	160-1	33	42	42	39	12.38	cps
Holmium	165-1	5338582	5373563	5471057	5394401	1.27	cps
Indium	115-1	5446937	5411316	5540690	5466314	1.22	cps
Iron	56-1	5836975	5740383	5902871	5826743	1.40	cps
Iron	57-1	66924	66301	67296	66840	0.75	cps
Iron	54-1						cps
Krypton	83-1	704	707	667	693	3.19	cps
Lead	206-1	501	611	751	621	20.21	cps
Lead	207-1	601	491	651	581	14.11	cps
Lead	208-1	2318	2451	2635	2468	6.45	cps
Lithium	6-1	3151874	3088876	3278776	3173175	3.05	cps
Magnesium	24-1	21852	22408	20175	21478	5.41	cps
Manganese	55-1	21108	22601	21448	21719	3.60	cps
Molybdenum	94-1	475	367	425	422	12.84	cps

LB Number :	LB121724	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:55:34	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	433	517	425	458	11.06	cps
Molybdenum	96-1	633	467	617	572	16.04	cps
Molybdenum	97-1	392	342	308	347	12.08	cps
Molybdenum	98-1	808	617	767	731	13.80	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Nickel	60-1	260	270	140	224	32.39	cps
Phosphorus	31-1	36955	36042	37547	36848	2.06	cps
Potassium	39-1	5306837	5253375	5218984	5259732	0.84	cps
Rhodium	103-1	5503943	5454820	5583051	5513938	1.17	cps
Scandium	45-1	4914787	4612873	4745711	4757790	3.18	cps
Selenium	77-1	80	110	110	100	17.32	cps
Selenium	78-1	76454	76091	75498	76014	0.64	cps
Selenium	82-1	46	70	68	61	21.31	cps
Silicon	28-1	1632373	1642688	1653203	1642755	0.63	cps
Silver	107-1	208	175	133	172	21.82	cps
Silver	109-1	142	83	125	117	25.75	cps
Sodium	23-1	1050479	1030663	1032527	1037890	1.05	cps
Strontium	86-1	1058	1175	1400	1211	14.34	cps
Strontium	88-1	1208	933	1108	1083	12.85	cps
Sulfur	34-1	428041	420742	421125	423303	0.97	cps
Terbium	159-1	5810549	5472941	5755354	5679614	3.19	cps
Thallium	203-1	333	400	408	381	10.80	cps
Thallium	205-1	675	858	800	778	12.04	cps
Tin	118-1	1242	1292	1408	1314	6.51	cps
Titanium	47-1	525	400	500	475	13.92	cps
Uranium	238-1	58	8	33	33	75.02	cps
Vanadium	51-1	511	350	390	417	19.98	cps
Ytterbium	172-1	42	17	33	31	41.66	cps
Ytterbium	176-1	867	675	633	725	17.16	cps
Yttrium	89-1	10306490	10369810	10819736	10498679	2.67	cps
Zinc	66-1	1041	1001	1061	1034	2.96	cps
Zirconium	90-1	508	475	408	464	10.98	cps
Zirconium	91-1	108	92	83	94	13.48	cps