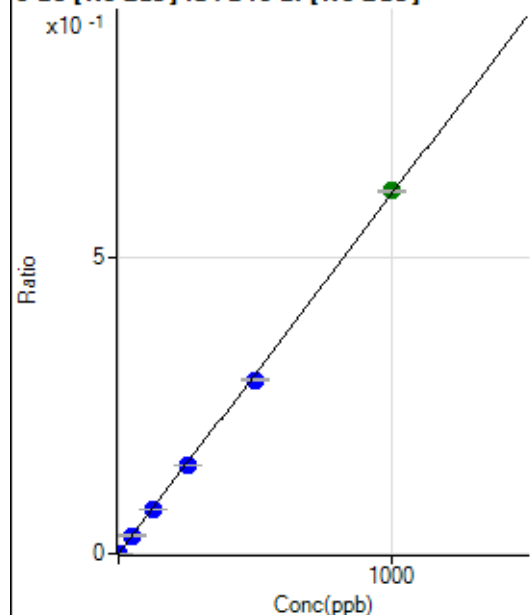


Calibration for 006CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7082422-MS1.b\
 Analysis File: P7082422-MS1.batch.bin
 DA Date-Time: 2022-08-24 15:59:11
 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 13:05:07
2	005CALS.d	S02	2022-08-24 13:07:54
3	006CALS.d	S03	2022-08-24 13:10:42
4	007CALS.d	S04	2022-08-24 13:13:29
5	008CALS.d	S05	2022-08-24 13:16:17
6	009CALS.d	S06	2022-08-24 13:19:04
7	010CALS.d	S07	2022-08-24 13:21:53
8	011CALS.d	S08	2022-08-24 13:24:40

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	49.0
2	☐	1.000	1.016	1286.73	0.0006	P	1.1
3	☐	50.000	50.622	63133.34	0.0307	P	1.0
4	☐	125.000	124.810	155170.55	0.0758	P	0.9
5	☐	250.000	246.151	307275.10	0.1494	P	0.9
6	☐	500.000	483.008	604090.95	0.2932	P	1.5
7	☐	1000.000	1009.451	1234459.78	0.6128	A	0.9
8	☐			376.68	0.0002	P	23.8

$$y = 6.0701\text{E-}004 * x + 1.1005\text{E-}005$$

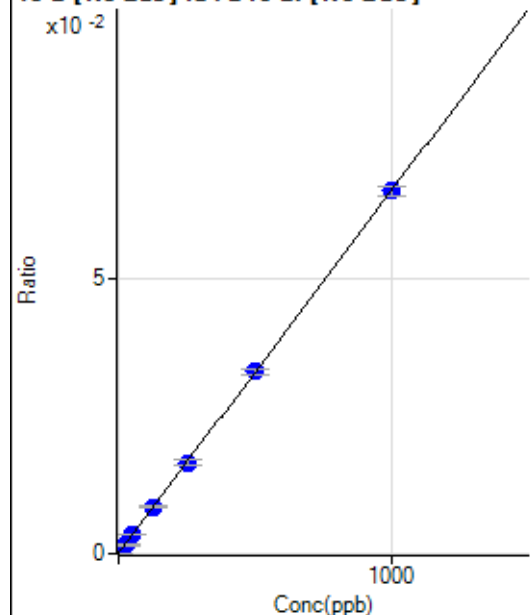
$$R = 0.9998$$

$$DL = 0.02665$$

$$BEC = 0.01813$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	188.90	0.0001	P	5.0
2	☐	25.000	22.864	3283.78	0.0016	P	7.0
3	☐	50.000	51.358	7154.64	0.0035	P	2.7
4	☐	125.000	127.770	17465.78	0.0085	P	1.6
5	☐	250.000	250.420	34194.05	0.0166	P	5.9
6	☐	500.000	500.112	68234.26	0.0331	P	2.9
7	☐	1000.000	999.478	133131.87	0.0661	P	2.4
8	☐			6840.61	0.0034	P	18.0

$$y = 6.6020\text{E-}005 * x + 9.3005\text{E-}005$$

$$R = 1.0000$$

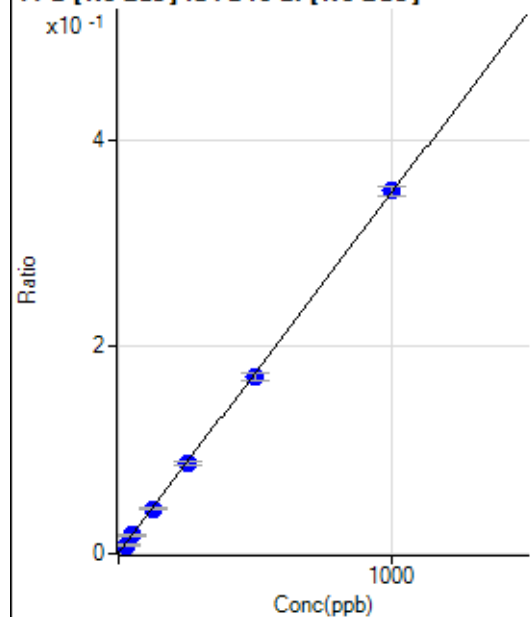
$$DL = 0.2105$$

$$BEC = 1.409$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1094.51	0.0005	P	6.6
2	☐	25.000	22.057	16845.66	0.0082	P	9.6
3	☐	50.000	50.482	37231.61	0.0181	P	6.0
4	☐	125.000	123.164	88986.22	0.0435	P	4.4
5	☐	250.000	247.904	178763.10	0.0869	P	4.8
6	☐	500.000	491.361	353831.97	0.1717	P	4.3
7	☐	1000.000	1005.122	706650.76	0.3507	P	2.5
8	☐			35842.30	0.0179	P	14.5

$$y = 3.4842\text{E-}004 * x + 5.3946\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.3066$$

$$BEC = 1.548$$

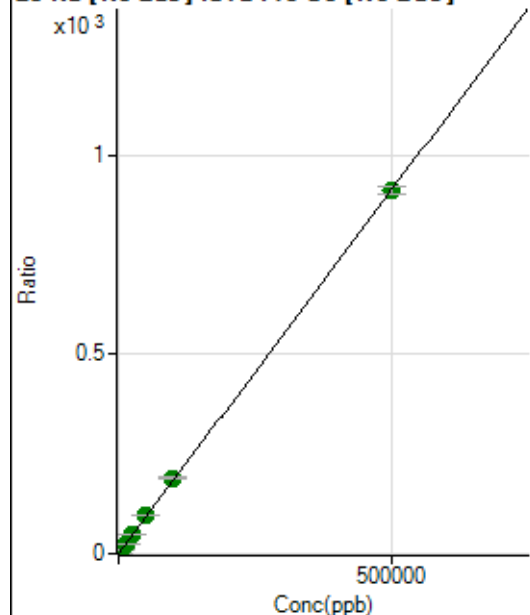
Weight: <None>

Min Conc: 0

12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	446599.66	0.0807	P	3.4
2	☐	500.000	523.617	5936182.38	1.0357	A	1.0
3	☐	5000.000	5416.806	57189306.46	9.9601	A	0.9
4	☐	12500.000	13357.003	138069344.48	24.4416	A	2.0
5	☐	25000.000	26962.722	278875665.84	49.2562	A	2.5
6	☐	50000.000	52150.526	540479540.50	95.1946	A	1.8
7	☐	100000.00	103625.95	1086244299.3	189.077	A	1.7
8	☐	500000.00	498936.00	5347501606.5	910.056	A	2.0

$$y = 0.0018 * x + 0.0807$$

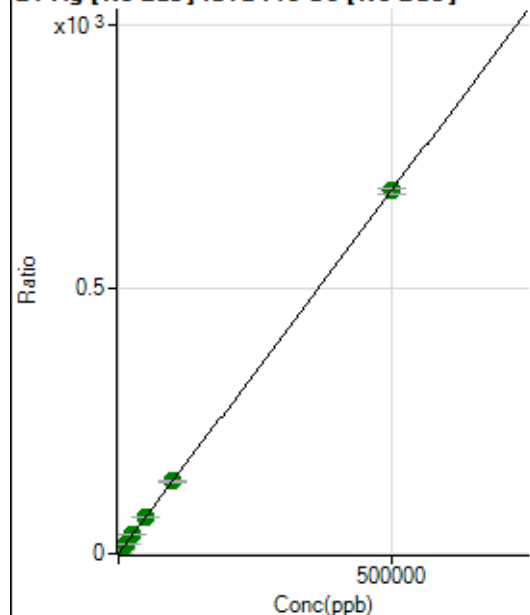
$$R = 1.0000$$

$$DL = 4.523$$

$$BEC = 44.25$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5656.87	0.0010	P	9.8
2	☐	500.000	516.152	4065331.39	0.7093	A	0.9
3	☐	5000.000	5120.675	40349924.75	7.0273	A	0.4
4	☐	12500.000	12992.022	100711721.51	17.8278	A	0.8
5	☐	25000.000	25634.962	199153730.05	35.1756	A	2.6
6	☐	50000.000	50750.736	395353129.20	69.6378	A	2.8
7	☐	100000.00	99940.846	787830416.00	137.133	A	1.3
8	☐	500000.00	499891.48	4030223281.3	685.919	A	1.8

$$y = 0.0014 * x + 0.0010$$

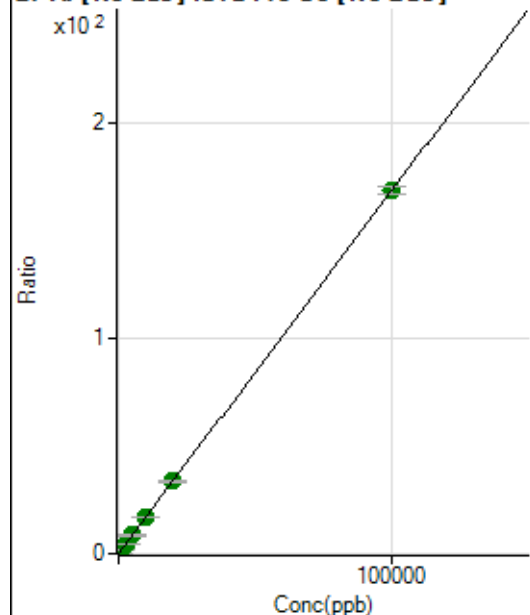
$$R = 1.0000$$

$$DL = 0.2194$$

$$BEC = 0.7442$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6034.07	0.0011	P	7.0
2	☐	20.000	19.971	199270.36	0.0348	P	0.5
3	☐	1000.000	1021.100	9892311.13	1.7229	A	1.6
4	☐	2500.000	2548.240	24280974.91	4.2980	A	0.6
5	☐	5000.000	5058.570	48299072.37	8.5310	A	2.7
6	☐	10000.000	9943.311	95205528.01	16.7678	A	2.0
7	☐	20000.000	19913.320	192914382.59	33.5796	A	1.7
8	☐	100000.00	100018.65	991004963.39	168.656	A	2.2

$$y = 0.0017 * x + 0.0011$$

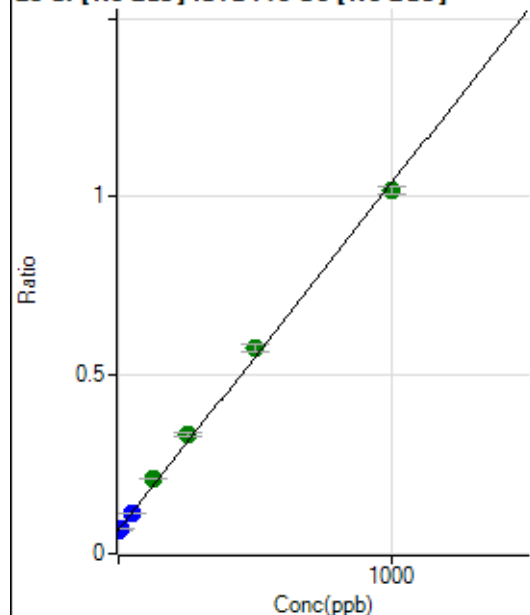
$$R = 1.0000$$

$$DL = 0.1356$$

$$BEC = 0.6469$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	365984.54	0.0661	P	3.9
2	☐	10.000	6.331	414354.58	0.0723	P	0.7
3	☐	50.000	49.778	657606.35	0.1145	P	1.1
4	☐	125.000	149.776	1196224.51	0.2117	A	0.5
5	☐	250.000	275.321	1889507.68	0.3338	A	4.6
6	☐	500.000	525.688	3276744.80	0.5771	A	4.1
7	☐	1000.000	977.776	5840088.46	1.0166	A	2.3
8	☐			763169.56	0.1299	P	2.5

$$y = 9.7206E-004 * x + 0.0661$$

$$R = 0.9988$$

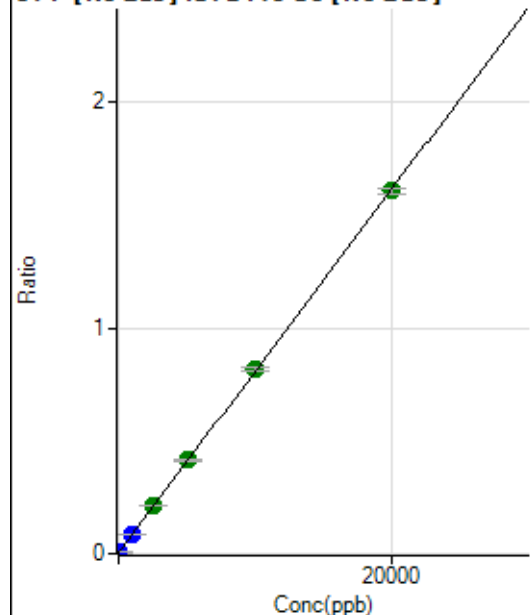
$$DL = 7.948$$

$$BEC = 68.04$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-10.019	15440.28	0.0028	P	3.6
2	☐	0.000	10.019	25243.24	0.0044	P	0.7
3	☐	1000.000	1029.828	496998.07	0.0866	P	1.8
4	☐	2500.000	2586.337	1197314.89	0.2119	A	0.8
5	☐	5000.000	5089.132	2341393.44	0.4136	A	2.9
6	☐	10000.000	10083.207	4632352.09	0.8159	A	1.9
7	☐	20000.000	19923.830	9240831.24	1.6086	A	1.9
8	☐			21841.37	0.0037	P	3.6

$$y = 8.0555\text{E-}005 * x + 0.0036$$

$$R = 1.0000$$

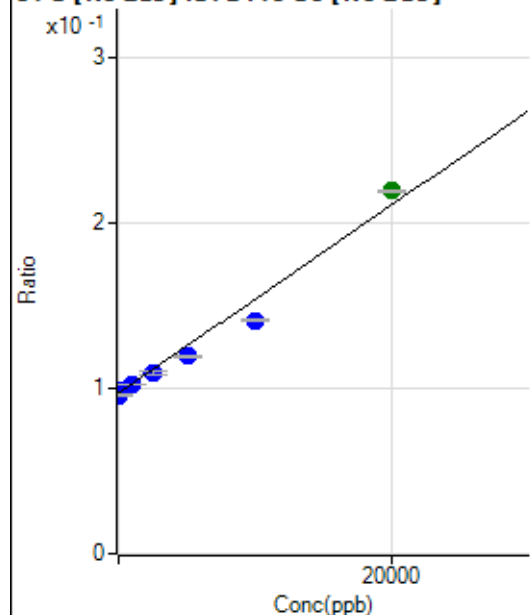
$$DL = 2.479$$

$$BEC = 44.65$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	239.014	545209.30	0.0985	P	3.9
2	☐	0.000	-239.014	549151.92	0.0958	P	0.9
3	☐	1000.000	886.396	586880.76	0.1022	P	0.9
4	☐	2500.000	2064.360	615142.71	0.1089	P	2.5
5	☐	5000.000	3945.089	677236.34	0.1196	P	1.2
6	☐	10000.000	7678.652	799682.04	0.1408	P	0.7
7	☐	20000.000	21484.537	1260213.45	0.2193	A	0.5
8	☐			445422.13	0.0758	P	1.1

$$y = 5.6866\text{E-}006 * x + 0.0972$$

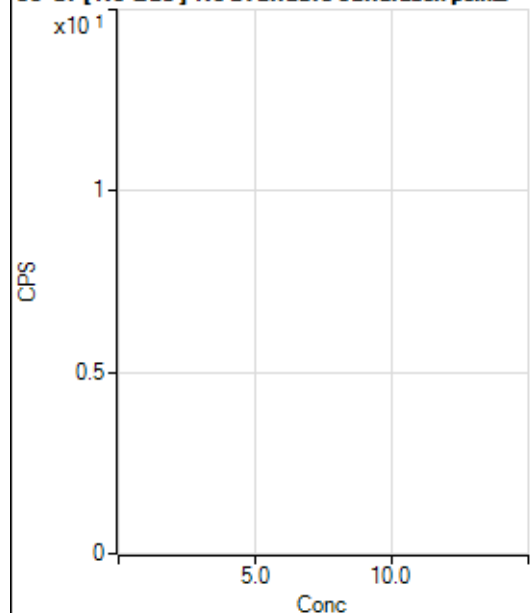
$$R = 0.9892$$

$$DL = 1250$$

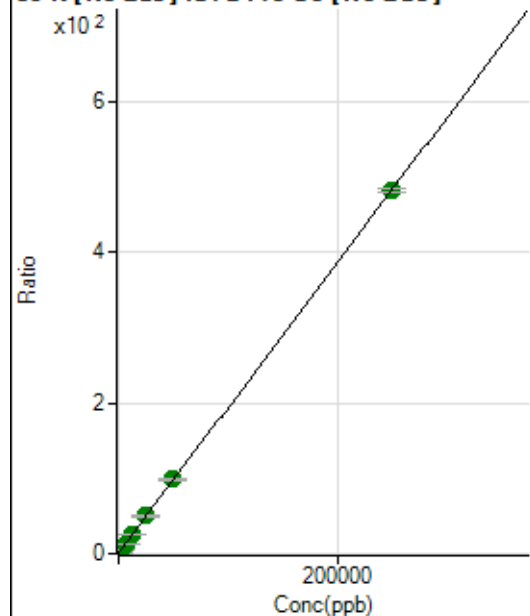
$$BEC = 1.709\text{E+}04$$

Weight: <None>

Min Conc: 0

35 Cl [No Gas] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5906655.41	1.0674	A	3.7
2	☐	500.000	489.249	11508720.81	2.0079	A	0.6
3	☐	2500.000	2571.269	34510962.45	6.0103	A	0.3
4	☐	6250.000	6404.019	75576635.64	13.3782	A	0.6
5	☐	12500.000	12788.342	145236940.15	25.6511	A	1.8
6	☐	25000.000	25470.717	284051685.01	50.0310	A	2.4
7	☐	50000.000	50561.189	564571131.24	98.2637	A	1.1
8	☐	250000.00	249821.73	2828139826.8	481.312	A	1.2

$$y = 0.0019 * x + 1.0674$$

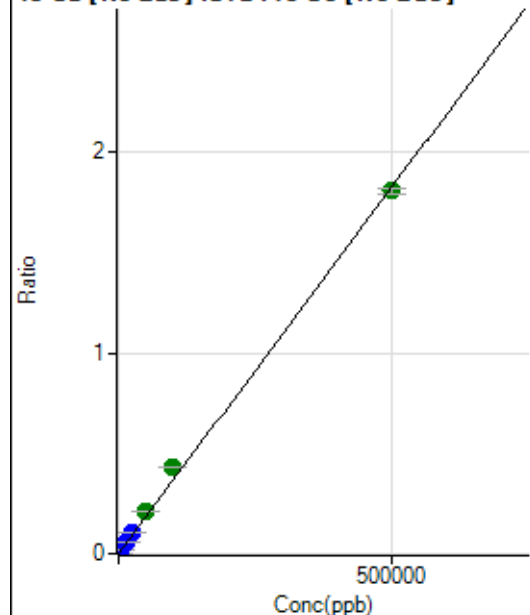
$$R = 1.0000$$

$$DL = 62.41$$

$$BEC = 555.3$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	258.35	0.0000	P	25.6
2	☐	500.000	507.158	10862.47	0.0019	P	2.0
3	☐	5000.000	5931.171	124388.68	0.0217	P	1.4
4	☐	12500.000	14849.703	306036.33	0.0542	P	0.3
5	☐	25000.000	29528.967	609635.14	0.1077	P	2.1
6	☐	50000.000	57820.092	1196837.15	0.2108	A	0.8
7	☐	100000.00	117270.46	2455937.29	0.4275	A	0.5
8	☐	500000.00	495469.38	10611563.78	1.8059	A	1.7

$$y = 3.6447\text{E-}006 * x + 4.6640\text{E-}005$$

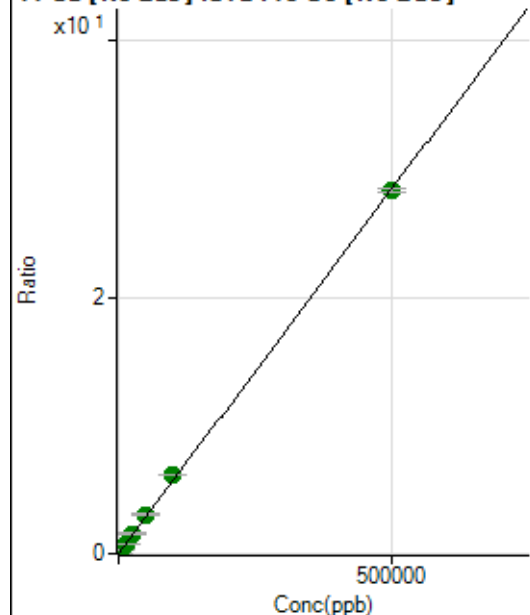
$$R = 0.9993$$

$$DL = 9.843$$

$$BEC = 12.8$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	24038.90	0.0043	P	5.0
2	☐	500.000	523.709	195494.56	0.0341	P	0.4
3	☐	5000.000	5570.620	1842714.88	0.3209	A	0.9
4	☐	12500.000	13701.151	4423471.23	0.7830	A	0.3
5	☐	25000.000	27405.743	8843237.79	1.5618	A	1.8
6	☐	50000.000	53850.021	17401674.23	3.0647	A	0.8
7	☐	100000.00	107759.05	35210178.24	6.1284	A	0.3
8	☐	500000.00	497907.14	166289662.33	28.3007	A	1.0

$$y = 5.6831\text{E-}005 * x + 0.0043$$

$$R = 0.9999$$

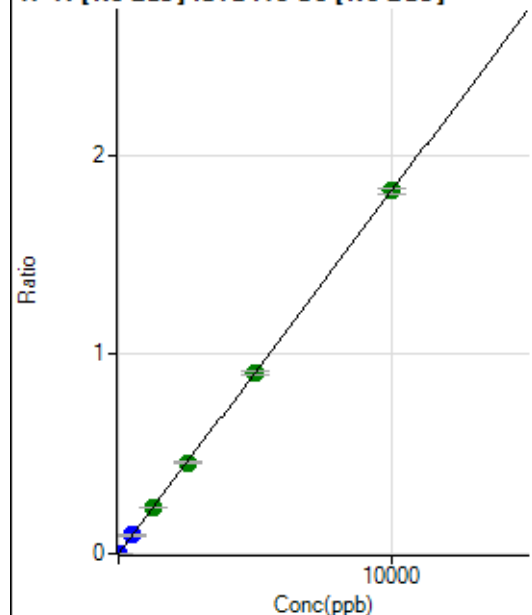
$$DL = 11.42$$

$$BEC = 76.45$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	377.79	0.0001	P	24.4
2	☐	5.000	4.779	5381.65	0.0009	P	8.3
3	☐	500.000	504.069	527392.98	0.0919	P	2.4
4	☐	1250.000	1271.551	1308518.94	0.2316	A	1.4
5	☐	2500.000	2502.615	2580427.16	0.4558	A	1.8
6	☐	5000.000	4988.497	5157793.95	0.9084	A	1.9
7	☐	10000.000	10002.201	10463418.72	1.8213	A	1.5
8	☐			3022.60	0.0005	P	11.6

$$y = 1.8208\text{E-}004 * x + 6.8575\text{E-}005$$

$$R = 1.0000$$

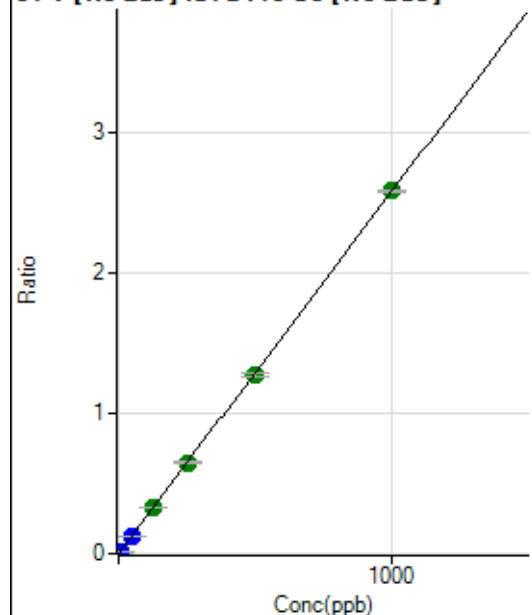
$$DL = 0.2756$$

$$BEC = 0.3766$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	103.44	0.0000	P	29.6
2	☐	5.000	4.961	73452.65	0.0128	P	1.0
3	☐	50.000	49.189	728645.43	0.1269	P	1.6
4	☐	125.000	126.235	1839708.81	0.3256	A	0.2
5	☐	250.000	250.467	3658106.08	0.6461	A	2.2
6	☐	500.000	494.066	7236914.37	1.2745	A	1.8
7	☐	1000.000	1002.736	14860759.92	2.5866	A	0.5
8	☐			7643.17	0.0013	P	5.3

$$y = 0.0026 * x + 1.8755\text{E-}005$$

$$R = 1.0000$$

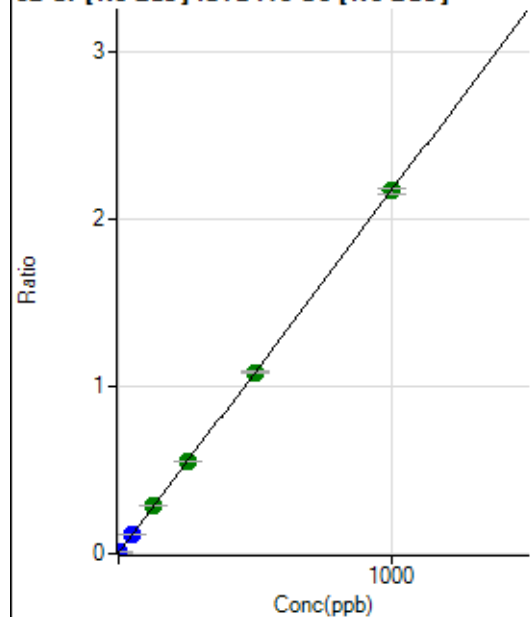
$$DL = 0.00645$$

$$BEC = 0.007271$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16458.00	0.0030	P	3.5
2	☐	2.000	1.935	41110.50	0.0072	P	0.9
3	☐	50.000	49.736	636622.10	0.1109	P	1.8
4	☐	125.000	129.442	1603182.79	0.2838	A	1.2
5	☐	250.000	252.506	3118550.72	0.5508	A	1.4
6	☐	500.000	499.395	6168510.26	1.0864	A	1.7
7	☐	1000.000	999.134	12469848.98	2.1706	A	1.4
8	☐			50677.27	0.0086	P	1.4

$$y = 0.0022 * x + 0.0030$$

$$R = 1.0000$$

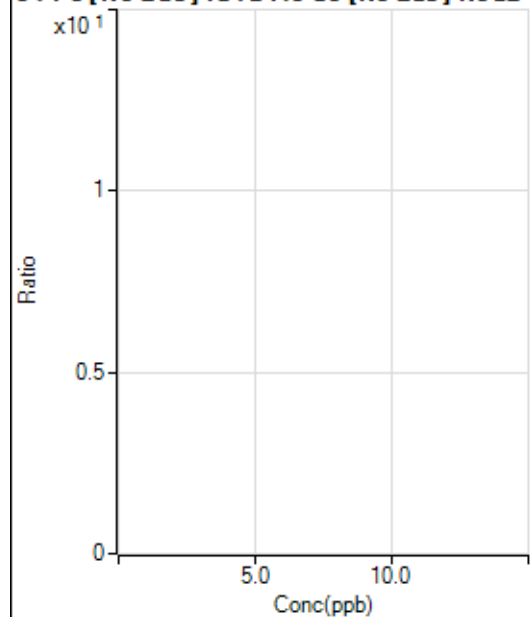
$$DL = 0.1433$$

$$BEC = 1.371$$

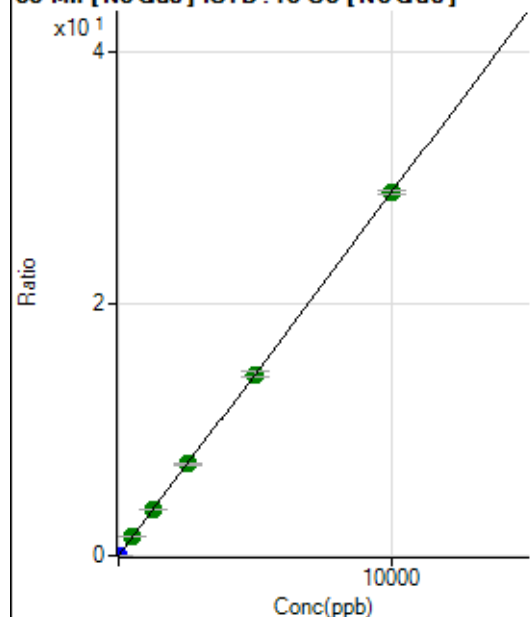
Weight: <None>

Min Conc: 0

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



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

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8671.43	0.0016	P	1.7
2	☐	1.000	1.068	26671.00	0.0047	P	1.6
3	☐	500.000	510.954	8485428.93	1.4778	A	0.9
4	☐	1250.000	1282.357	20938546.77	3.7065	A	0.9
5	☐	2500.000	2527.272	41349187.31	7.3033	A	2.6
6	☐	5000.000	5001.197	82045407.52	14.4510	A	2.8
7	☐	10000.000	9987.991	165797154.65	28.8588	A	1.1
8	☐			121144.03	0.0206	P	2.4

$$y = 0.0029 * x + 0.0016$$

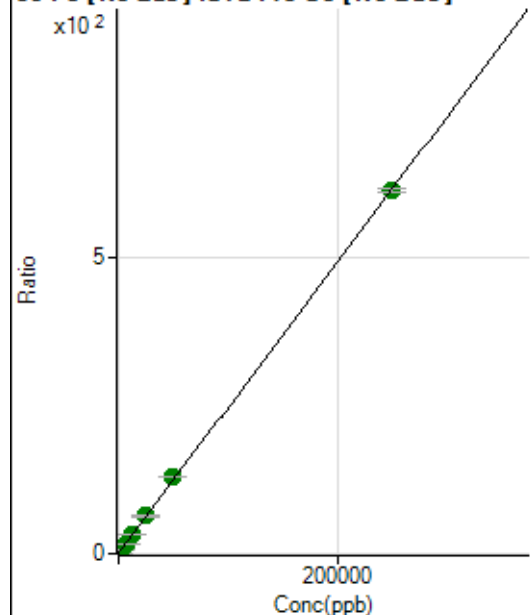
$$R = 1.0000$$

$$DL = 0.02752$$

$$BEC = 0.5421$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4590202.28	0.8295	A	3.9
2	☐	50.000	39.012	5301409.24	0.9249	A	0.6
3	☐	2500.000	2601.134	41288884.10	7.1910	A	0.9
4	☐	6250.000	6560.742	95318742.05	16.8747	A	1.6
5	☐	12500.000	12953.495	184058046.56	32.5090	A	2.3
6	☐	25000.000	25593.309	360081315.30	63.4214	A	2.2
7	☐	50000.000	52416.946	741272479.70	129.022	A	1.7
8	☐	250000.00	249425.82	3589296530.0	610.833	A	1.0

$$y = 0.0024 * x + 0.8295$$

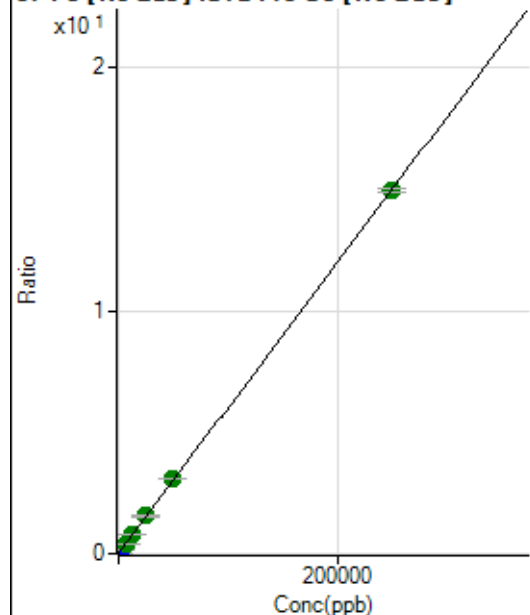
$$R = 0.9999$$

$$DL = 39.6$$

$$BEC = 339.2$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	72126.13	0.0130	P	3.1
2	☐	50.000	49.018	91493.07	0.0160	P	1.1
3	☐	2500.000	2627.388	976876.50	0.1701	P	2.0
4	☐	6250.000	6601.558	2303323.29	0.4078	A	1.7
5	☐	12500.000	12971.003	4465079.56	0.7886	A	2.3
6	☐	25000.000	25635.345	8777254.03	1.5459	A	1.6
7	☐	50000.000	51613.304	17805679.43	3.0993	A	1.8
8	☐	250000.00	249580.19	87762342.59	14.9367	A	1.2

$$y = 5.9795\text{E-}005 * x + 0.0130$$

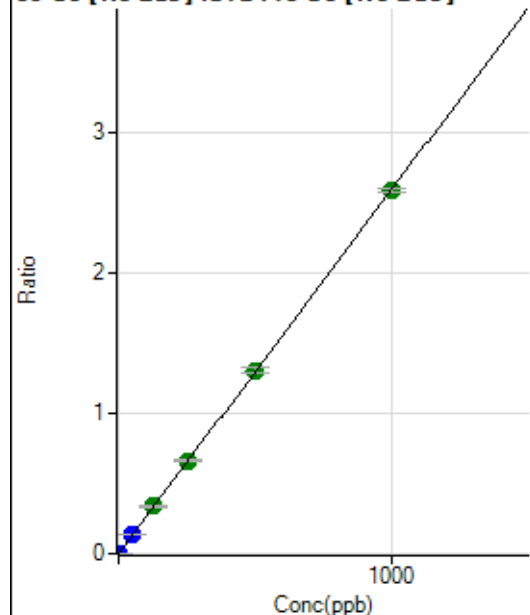
$$R = 1.0000$$

$$DL = 20.44$$

$$BEC = 217.9$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	427.11	0.0001	P	19.3
2	☐	1.000	1.032	15804.56	0.0028	P	4.0
3	☐	50.000	50.550	754017.11	0.1313	P	1.3
4	☐	125.000	130.143	1909150.01	0.3380	A	1.3
5	☐	250.000	255.317	3753346.03	0.6630	A	2.9
6	☐	500.000	502.201	7402657.45	1.3039	A	3.2
7	☐	1000.000	996.900	14870886.51	2.5883	A	1.1
8	☐			63320.67	0.0108	P	1.0

$$y = 0.0026 * x + 7.6799\text{E-}005$$

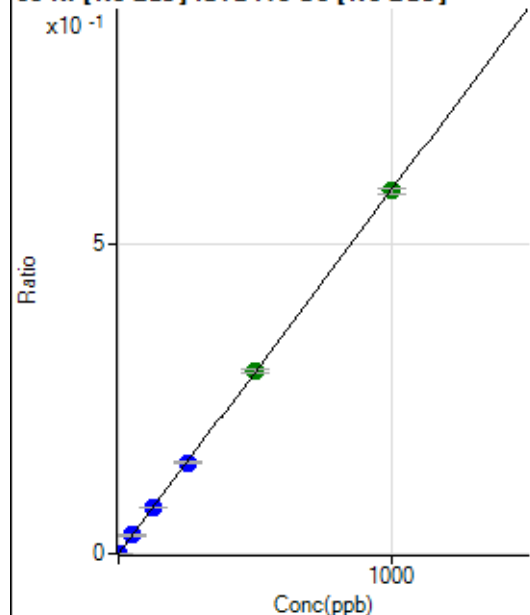
$$R = 1.0000$$

$$DL = 0.01713$$

$$BEC = 0.02958$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	94.45	0.0000	P	9.7
2	☐	1.000	1.028	3563.80	0.0006	P	0.5
3	☐	50.000	50.399	170388.62	0.0297	P	1.1
4	☐	125.000	128.729	428022.33	0.0758	P	1.0
5	☐	250.000	251.062	836571.73	0.1478	P	1.9
6	☐	500.000	503.349	1681784.04	0.2962	A	2.1
7	☐	1000.000	997.574	3372625.16	0.5870	A	1.5
8	☐			19287.00	0.0033	P	1.5

$$y = 5.8845\text{E-}004 * x + 1.7041\text{E-}005$$

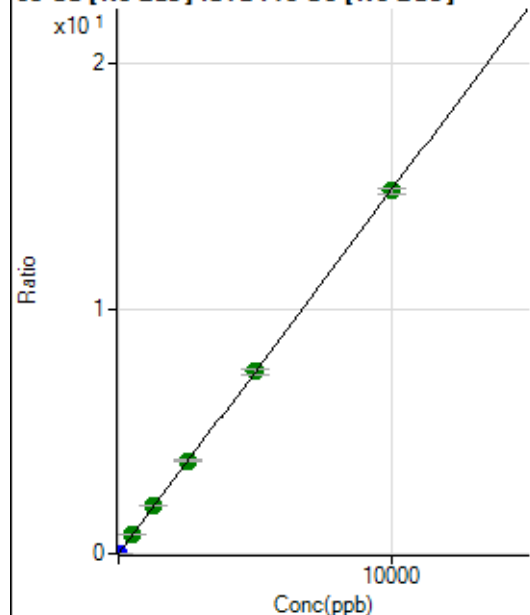
$$R = 1.0000$$

$$DL = 0.008425$$

$$BEC = 0.02896$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1902.36	0.0003	P	5.4
2	☐	2.000	2.091	19766.47	0.0034	P	1.1
3	☐	500.000	527.461	4500090.56	0.7837	A	1.3
4	☐	1250.000	1312.051	11009882.89	1.9490	A	1.9
5	☐	2500.000	2563.455	21559376.90	3.8077	A	1.9
6	☐	5000.000	5001.096	42172243.54	7.4281	A	2.6
7	☐	10000.000	9974.459	85113260.40	14.8147	A	1.4
8	☐			77099.58	0.0131	P	1.4

$$y = 0.0015 * x + 3.4358\text{E-}004$$

$$R = 1.0000$$

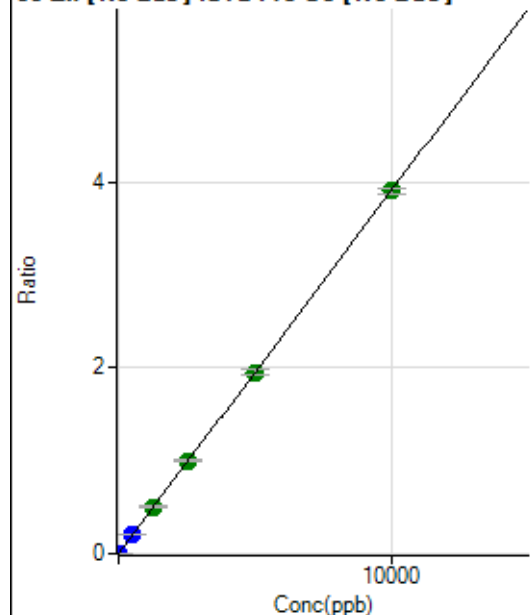
$$DL = 0.03757$$

$$BEC = 0.2313$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	974.49	0.0002	P	0.6
2	☐	2.000	2.170	5867.87	0.0010	P	2.6
3	☐	500.000	504.452	1132790.77	0.1973	P	0.6
4	☐	1250.000	1291.282	2850932.15	0.5047	A	2.3
5	☐	2500.000	2551.411	5645463.81	0.9971	A	2.5
6	☐	5000.000	4990.018	11071055.04	1.9500	A	2.8
7	☐	10000.000	9986.756	22418669.67	3.9024	A	1.8
8	☐			35728.27	0.0061	P	1.9

$$y = 3.9074\text{E-}004 * x + 1.7598\text{E-}004$$

$$R = 1.0000$$

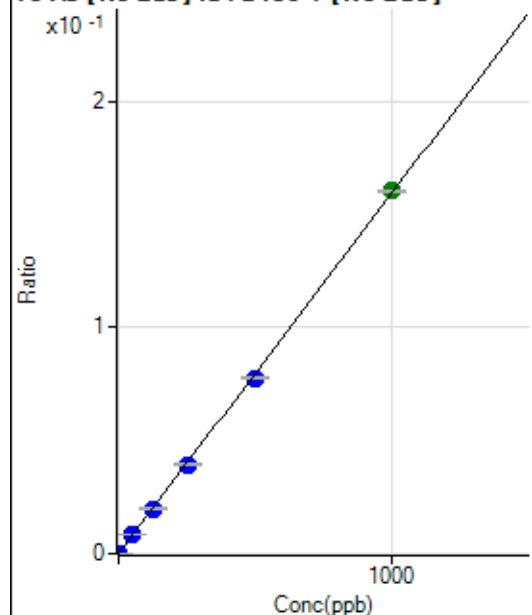
$$DL = 0.007634$$

$$BEC = 0.4504$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-1550.69	-0.0001	P	-3.0
2	☐	1.000	1.084	481.65	0.0000	P	64.9
3	☐	50.000	52.078	96962.64	0.0082	P	1.4
4	☐	125.000	124.644	236027.77	0.0198	P	2.9
5	☐	250.000	247.739	467602.78	0.0394	P	1.5
6	☐	500.000	486.436	929565.91	0.0775	P	0.9
7	☐	1000.000	1007.288	1953173.32	0.1606	A	0.4
8	☐			-115.08	0.0000	P	-84.4

$$y = 1.5957\text{E-}004 * x - 1.3276\text{E-}004$$

$$R = 0.9999$$

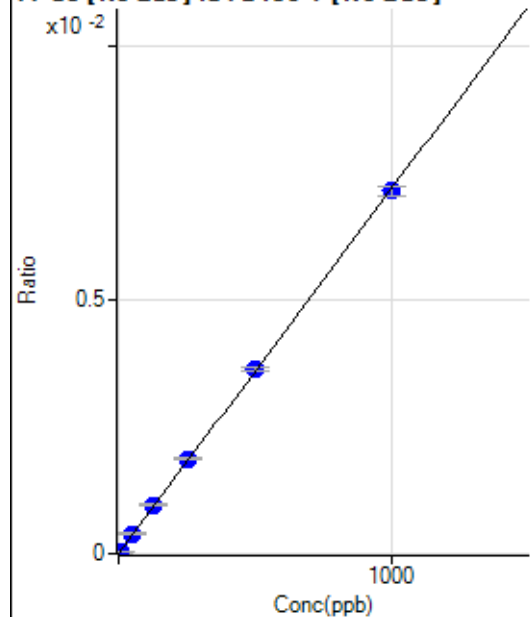
$$DL = 0.07438$$

$$BEC = -0.832$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.33	0.0000	P	66.2
2	☐	5.000	5.569	513.91	0.0000	P	18.3
3	☐	50.000	53.837	4620.27	0.0004	P	5.3
4	☐	125.000	132.200	11379.67	0.0010	P	4.3
5	☐	250.000	260.257	22225.50	0.0019	P	0.8
6	☐	500.000	504.513	43512.09	0.0036	P	1.9
7	☐	1000.000	994.084	86886.18	0.0071	P	2.6
8	☐			125.00	0.0000	P	6.8

$$y = 7.1845E-006 * x + 2.8693E-006$$

$$R = 0.9999$$

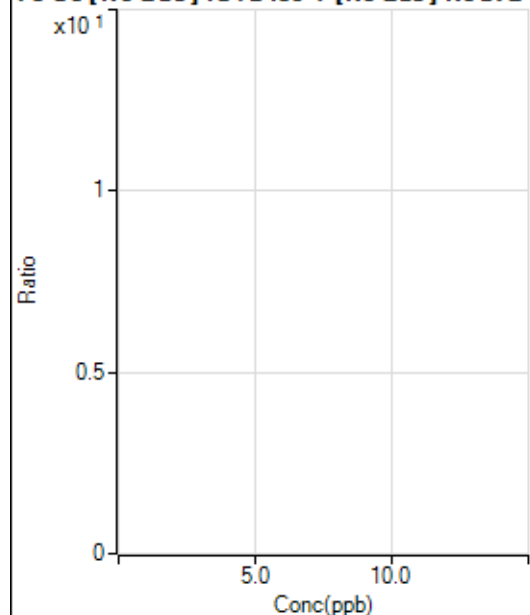
$$DL = 0.7937$$

$$BEC = 0.3994$$

Weight: <None>

Min Conc: 0

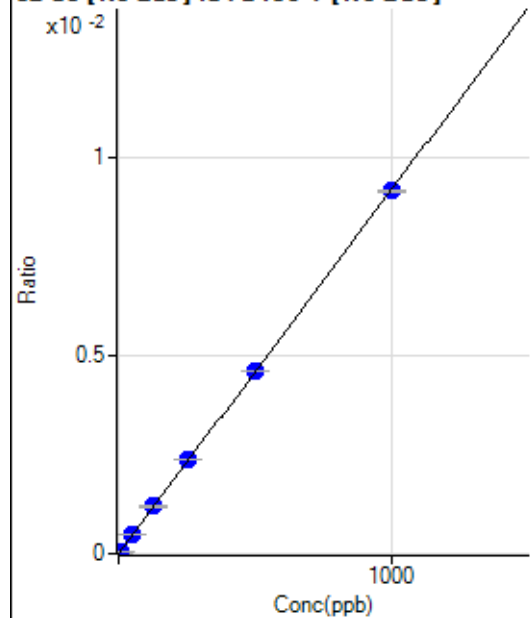
78 Se [No Gas] ISTD:89 Y [No Gas] No av _



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000					
2	☐	5.000					
3	☐	50.000					
4	☐	125.000					
5	☐	250.000					
6	☐	500.000					
7	☐	1000.000					
8	☐						

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			6504.38		P	4.8
2	☐			6151.45		P	1.1
3	☐			6037.50		P	6.5
4	☐			6184.78		P	4.2
5	☐			5906.89		P	3.2
6	☐			5801.31		P	3.5
7	☐			6170.92		P	2.5
8	☐			6359.89		P	5.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-16.67	0.0000	P	-184.
2	☐	5.000	4.928	526.70	0.0000	P	24.2
3	☐	50.000	52.894	5751.80	0.0005	P	2.0
4	☐	125.000	129.638	14228.61	0.0012	P	1.8
5	☐	250.000	257.126	28052.25	0.0024	P	0.6
6	☐	500.000	501.400	55306.29	0.0046	P	0.6
7	☐	1000.000	996.794	111483.26	0.0092	P	0.6
8	☐			167.28	0.0000	P	67.9

$$y = 9.1978E-006 * x - 1.4532E-006$$

$$R = 1.0000$$

$$DL = 0.8722$$

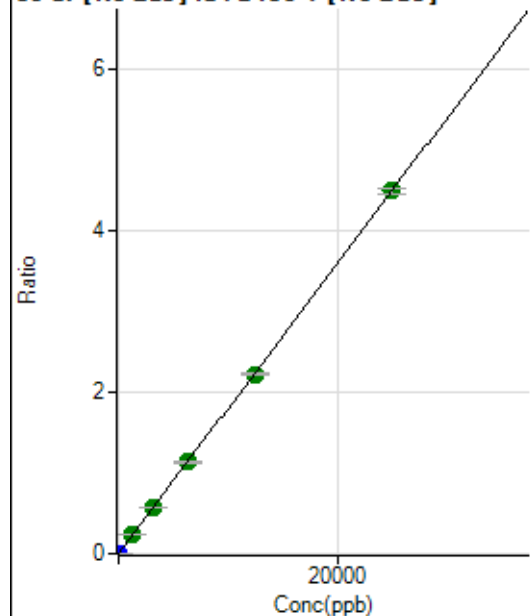
$$BEC = -0.158$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			683.36		P	5.1
2	☐			728.92		P	15.4
3	☐			683.36		P	2.6
4	☐			678.91		P	9.9
5	☐			726.69		P	4.4
6	☐			707.80		P	1.0
7	☐			691.14		P	7.4
8	☐			661.14		P	13.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1172.30	0.0001	P	6.6
2	☐	1.000	0.971	3294.90	0.0003	P	5.7
3	☐	1250.000	1297.439	2764772.55	0.2332	A	1.2
4	☐	3125.000	3152.773	6768095.42	0.5664	A	0.9
5	☐	6250.000	6317.522	13469920.18	1.1349	A	1.5
6	☐	12500.000	12380.599	26680358.93	2.2241	A	1.1
7	☐	25000.000	25036.976	54699092.89	4.4976	A	1.8
8	☐			25138.71	0.0020	P	7.4

$$y = 1.7963E-004 * x + 1.0027E-004$$

$$R = 1.0000$$

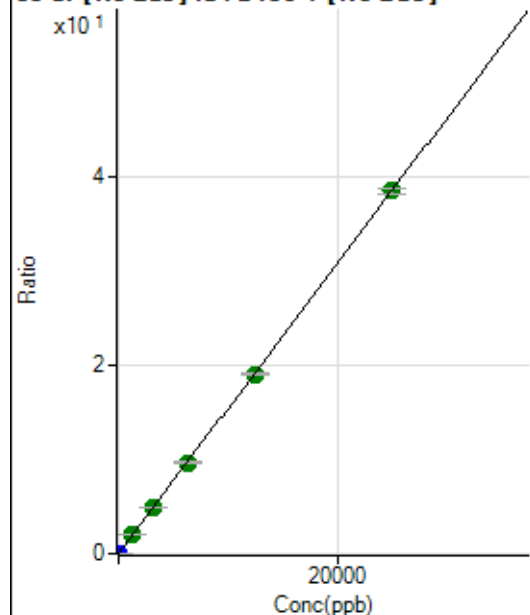
$$DL = 0.1113$$

$$BEC = 0.5582$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	216.67	0.0000	P	25.3
2	☐	1.000	0.975	18245.16	0.0015	P	2.0
3	☐	1250.000	1283.616	23450161.63	1.9777	A	1.0
4	☐	3125.000	3160.900	58186811.02	4.8699	A	1.1
5	☐	6250.000	6296.732	115138369.24	9.7013	A	1.5
6	☐	12500.000	12401.150	229202730.12	19.1062	A	0.6
7	☐	25000.000	25031.574	469034021.60	38.5656	A	1.4
8	☐			208055.19	0.0169	P	6.8

$$y = 0.0015 * x + 1.8590E-005$$

$$R = 1.0000$$

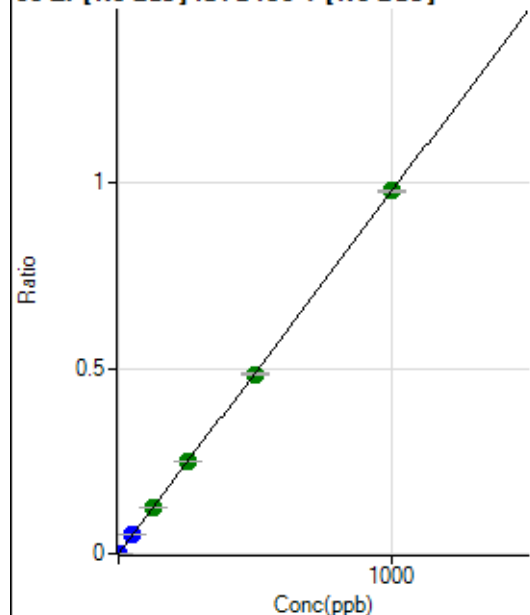
$$DL = 0.009173$$

$$BEC = 0.01207$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	533.36	0.0000	P	2.0
2	☐	1.000	0.967	11871.76	0.0010	P	4.7
3	☐	50.000	51.035	591569.80	0.0499	P	1.4
4	☐	125.000	126.514	1476992.30	0.1236	A	1.5
5	☐	250.000	253.811	2942575.00	0.2479	A	0.8
6	☐	500.000	494.260	5791704.43	0.4828	A	1.0
7	☐	1000.000	1001.676	11898202.09	0.9783	A	0.7
8	☐			7882.86	0.0006	P	9.3

$$y = 9.7667E-004 * x + 4.5658E-005$$

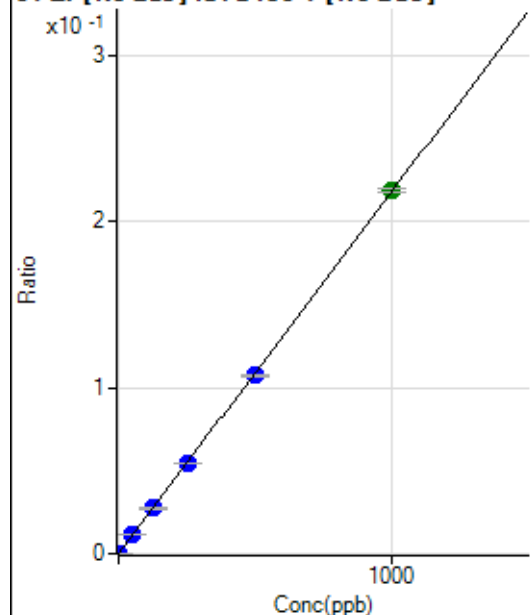
$$R = 1.0000$$

$$DL = 0.002855$$

$$BEC = 0.04675$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	97.23	0.0000	P	17.9
2	☐	1.000	0.969	2630.87	0.0002	P	2.4
3	☐	50.000	51.332	132737.05	0.0112	P	1.5
4	☐	125.000	125.400	326595.01	0.0273	P	1.8
5	☐	250.000	250.576	648172.91	0.0546	P	1.1
6	☐	500.000	492.944	1288745.31	0.1074	P	0.8
7	☐	1000.000	1003.268	2659030.57	0.2186	A	1.2
8	☐			1686.25	0.0001	P	7.5

$$y = 2.1791\text{E-}004 * x + 8.3008\text{E-}006$$

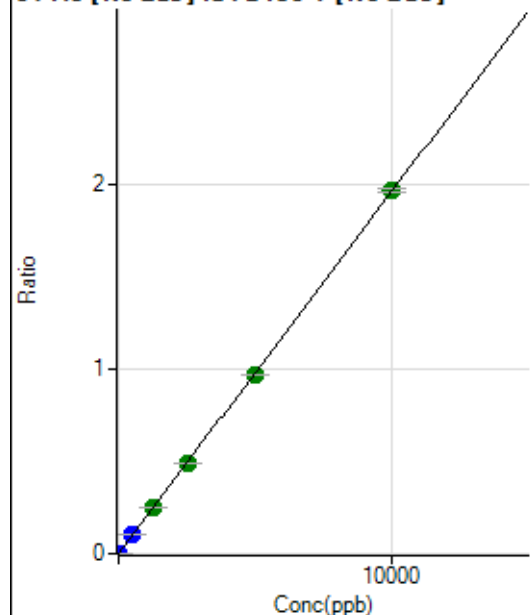
$$R = 1.0000$$

$$DL = 0.02042$$

$$BEC = 0.03809$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	155.56	0.0000	P	8.5
2	☐	5.000	5.917	14082.09	0.0012	P	0.9
3	☐	500.000	507.977	1181746.89	0.0997	P	0.2
4	☐	1250.000	1273.653	2985179.82	0.2499	A	2.3
5	☐	2500.000	2505.381	5833461.46	0.4915	A	1.2
6	☐	5000.000	4930.338	11602766.49	0.9672	A	0.4
7	☐	10000.000	10030.130	23929524.32	1.9677	A	1.0
8	☐			9447.74	0.0008	P	12.0

$$y = 1.9617\text{E-}004 * x + 1.3333\text{E-}005$$

$$R = 1.0000$$

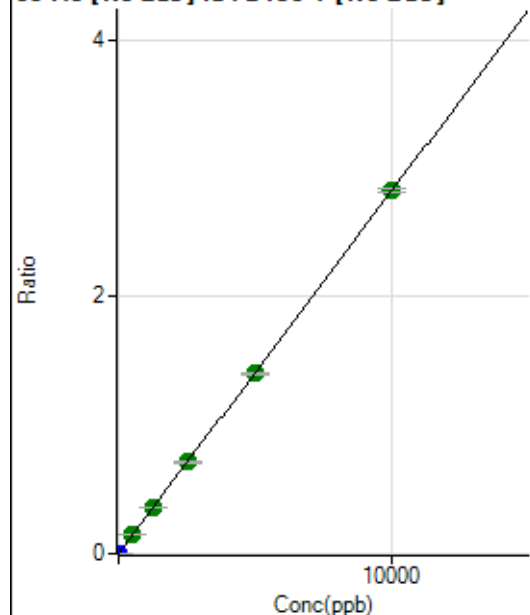
$$DL = 0.01737$$

$$BEC = 0.06796$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	49.8
2	☐	5.000	5.064	17157.70	0.0014	P	7.7
3	☐	500.000	512.384	1715014.03	0.1446	A	1.8
4	☐	1250.000	1261.475	4253915.77	0.3561	A	2.3
5	☐	2500.000	2523.971	8455747.76	0.7124	A	0.8
6	☐	5000.000	4966.260	16817577.81	1.4018	A	1.1
7	☐	10000.000	10008.823	34359313.96	2.8252	A	0.9
8	☐			11043.38	0.0009	P	12.2

$$y = 2.8227\text{E-}004 * x + 1.4294\text{E-}006$$

$$R = 1.0000$$

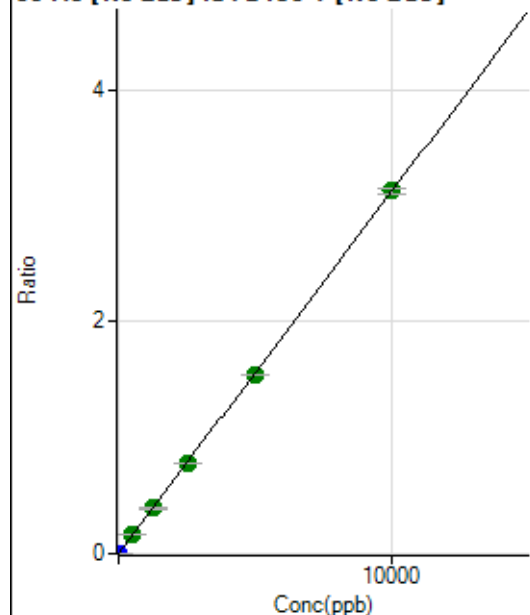
$$DL = 0.007566$$

$$BEC = 0.005064$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	113.89	0.0000	P	22.3
2	☐	5.000	5.143	19357.63	0.0016	P	4.1
3	☐	500.000	512.621	1896481.23	0.1599	A	1.7
4	☐	1250.000	1249.435	4656769.59	0.3898	A	2.4
5	☐	2500.000	2494.437	9236515.57	0.7782	A	0.8
6	☐	5000.000	4947.805	18517355.97	1.5436	A	0.4
7	☐	10000.000	10026.928	38044867.17	3.1282	A	1.4
8	☐			14774.51	0.0012	P	10.2

$$y = 3.1198\text{E-}004 * x + 9.7533\text{E-}006$$

$$R = 1.0000$$

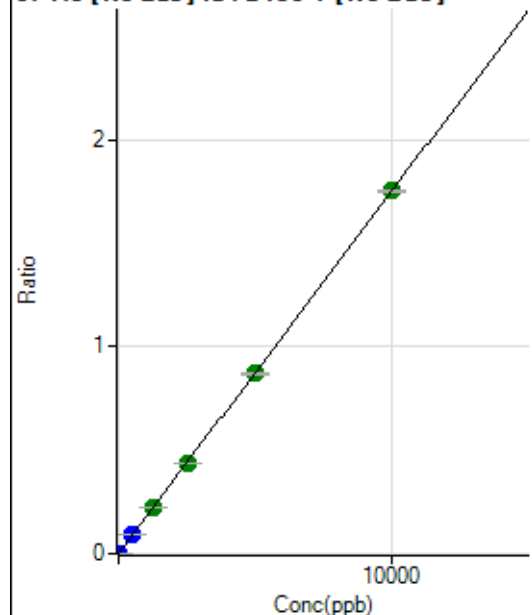
$$DL = 0.02087$$

$$BEC = 0.03126$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0000	P	41.6
2	☐	5.000	5.094	10709.74	0.0009	P	0.2
3	☐	500.000	512.520	1064163.49	0.0897	P	1.1
4	☐	1250.000	1259.641	2635237.60	0.2206	A	1.8
5	☐	2500.000	2493.365	5182131.80	0.4366	A	1.6
6	☐	5000.000	4965.231	10430005.27	0.8695	A	0.2
7	☐	10000.000	10017.212	21332190.06	1.7541	A	0.8
8	☐			7151.94	0.0006	P	15.3

$$y = 1.7511\text{E-}004 * x + 9.4711\text{E-}007$$

$$R = 1.0000$$

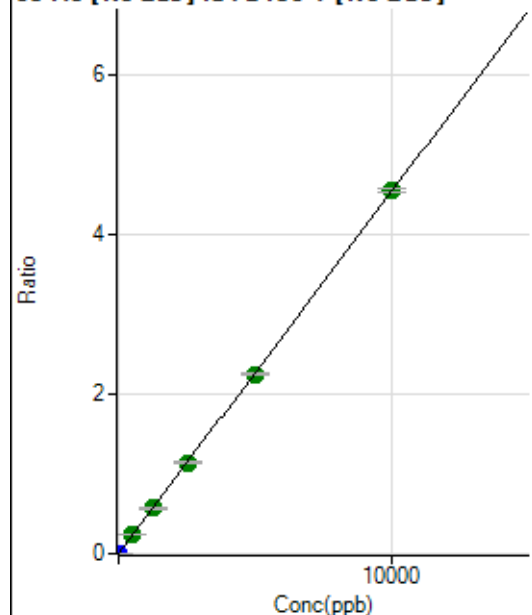
$$DL = 0.006753$$

$$BEC = 0.005409$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	66.67	0.0000	P	21.0
2	☐	5.000	5.069	27690.68	0.0023	P	2.9
3	☐	500.000	514.379	2771589.62	0.2338	A	1.0
4	☐	1250.000	1248.753	6779934.35	0.5675	A	1.7
5	☐	2500.000	2509.875	13537442.05	1.1406	A	1.2
6	☐	5000.000	4953.930	27008632.90	2.2513	A	1.5
7	☐	10000.000	10020.003	55377335.61	4.5535	A	0.9
8	☐			17544.30	0.0014	P	11.4

$$y = 4.5444\text{E-}004 * x + 5.7031\text{E-}006$$

$$R = 1.0000$$

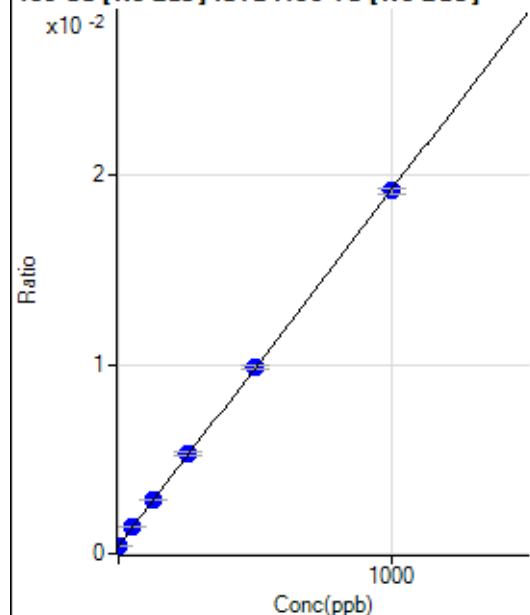
$$DL = 0.007892$$

$$BEC = 0.01255$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3639.44	0.0004	P	6.9
2	☐	1.000	1.373	3917.32	0.0004	P	2.7
3	☐	50.000	55.428	13089.55	0.0015	P	1.0
4	☐	125.000	127.873	25534.14	0.0028	P	1.2
5	☐	250.000	257.970	47991.11	0.0053	P	3.6
6	☐	500.000	500.208	91539.24	0.0098	P	2.0
7	☐	1000.000	997.273	179768.06	0.0192	P	1.6
8	☐			4256.29	0.0005	P	4.8

$$y = 1.8808\text{E-}005 * x + 4.0892\text{E-}004$$

$$R = 1.0000$$

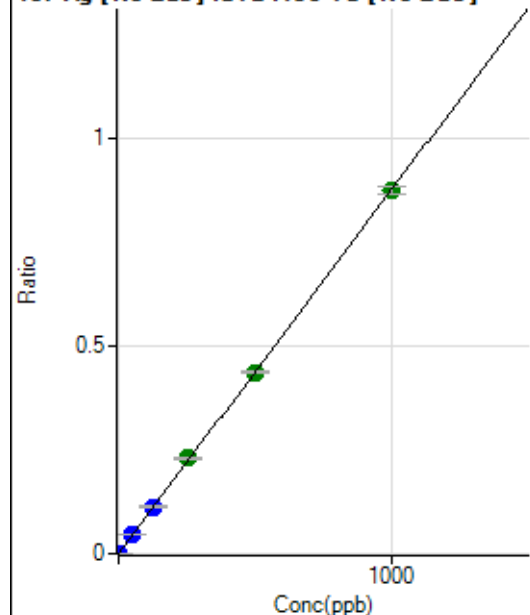
$$DL = 4.53$$

$$BEC = 21.74$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	77.78	0.0000	P	38.2
2	☐	1.000	0.949	7563.27	0.0008	P	12.7
3	☐	50.000	52.858	417485.12	0.0463	P	1.1
4	☐	125.000	129.168	1026406.43	0.1131	P	1.4
5	☐	250.000	261.649	2090151.13	0.2291	A	1.7
6	☐	500.000	498.789	4072699.31	0.4368	A	1.7
7	☐	1000.000	997.030	8188416.33	0.8730	A	2.0
8	☐			5337.24	0.0006	P	7.7

$$y = 8.7560\text{E-}004 * x + 8.8269\text{E-}006$$

$$R = 0.9999$$

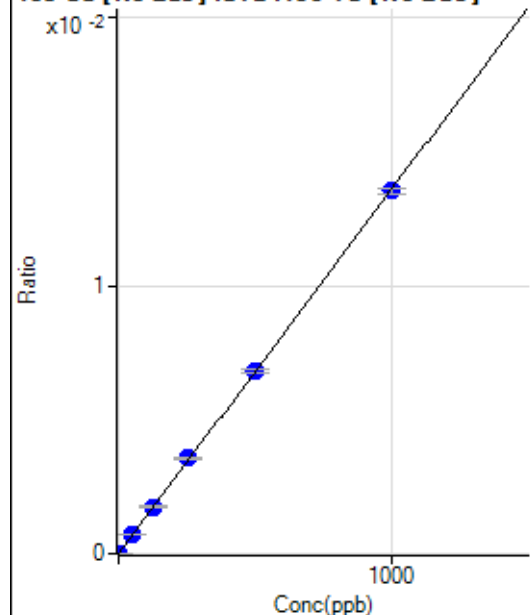
$$DL = 0.01155$$

$$BEC = 0.01008$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0000	P	86.7
2	☐	1.000	1.096	151.39	0.0000	P	3.7
3	☐	50.000	53.565	6582.12	0.0007	P	4.1
4	☐	125.000	129.089	15935.27	0.0018	P	0.8
5	☐	250.000	261.690	32461.44	0.0036	P	1.6
6	☐	500.000	500.716	63470.14	0.0068	P	1.8
7	☐	1000.000	996.030	126964.06	0.0135	P	1.3
8	☐			68.06	0.0000	P	7.9

$$y = 1.3589\text{E-}005 * x + 1.9120\text{E-}006$$

$$R = 0.9999$$

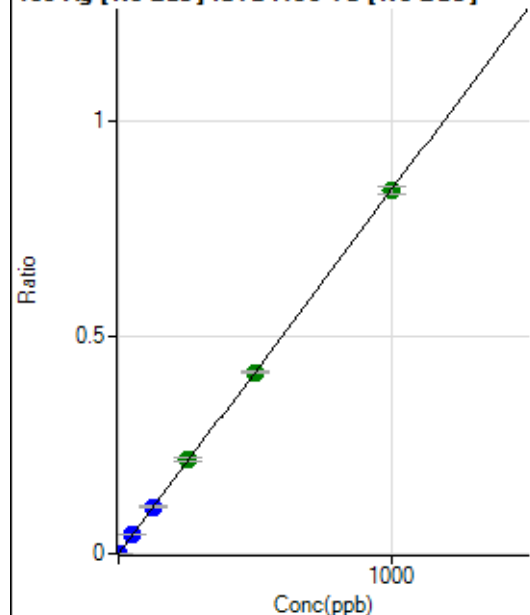
$$DL = 0.3658$$

$$BEC = 0.1407$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.11	0.0000	P	31.6
2	☐	1.000	0.967	7354.85	0.0008	P	10.4
3	☐	50.000	52.841	400551.41	0.0444	P	0.9
4	☐	125.000	128.920	983263.48	0.1084	P	1.1
5	☐	250.000	258.820	1984463.15	0.2175	A	2.6
6	☐	500.000	499.225	3912448.05	0.4196	A	0.4
7	☐	1000.000	997.551	7863880.38	0.8384	A	2.2
8	☐			4817.59	0.0005	P	4.4

$$y = 8.4046\text{E-}004 * x + 4.0319\text{E-}006$$

$$R = 1.0000$$

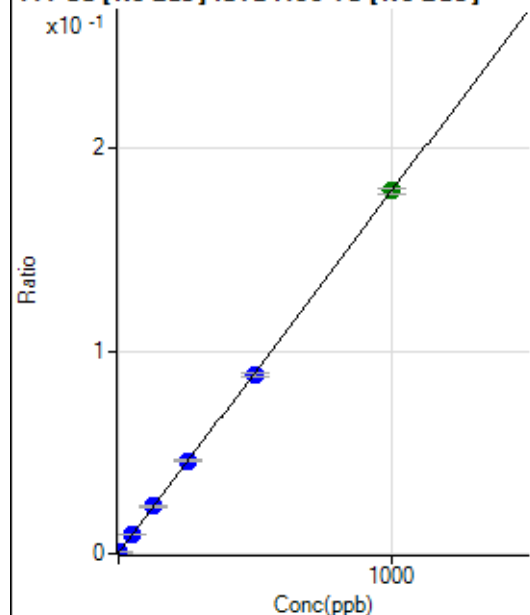
$$DL = 0.004543$$

$$BEC = 0.004797$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2540.10	0.0003	P	7.2
2	☐	1.000	1.125	4377.95	0.0005	P	3.3
3	☐	50.000	53.172	88091.67	0.0098	P	0.9
4	☐	125.000	129.348	211915.02	0.0234	P	1.2
5	☐	250.000	255.550	418385.56	0.0459	P	2.2
6	☐	500.000	493.303	822987.44	0.0883	P	1.5
7	☐	1000.000	1001.259	1677560.86	0.1789	A	1.6
8	☐			3466.50	0.0004	P	8.5

$$y = 1.7834\text{E-}004 * x + 2.8537\text{E-}004$$

$$R = 0.9999$$

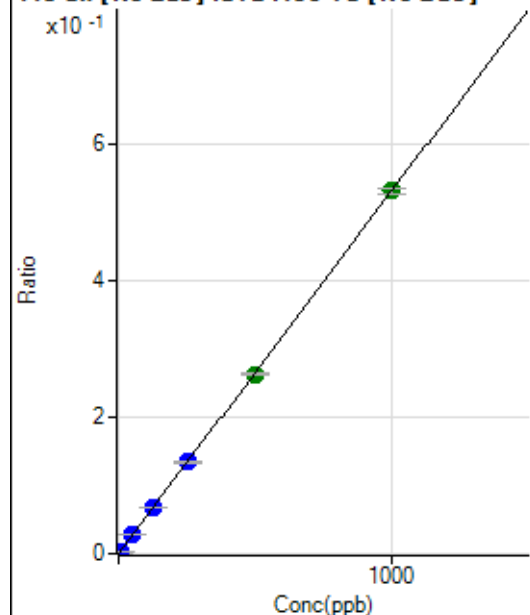
$$DL = 0.3443$$

$$BEC = 1.6$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1038.97	0.0001	P	14.3
2	☐	5.000	5.171	25787.55	0.0029	P	1.1
3	☐	50.000	51.900	249505.94	0.0277	P	2.0
4	☐	125.000	127.294	614173.34	0.0677	P	0.2
5	☐	250.000	253.162	1226873.74	0.1345	P	2.9
6	☐	500.000	495.854	2455246.56	0.2633	A	0.5
7	☐	1000.000	1000.900	4984170.86	0.5314	A	1.7
8	☐			5798.56	0.0006	P	2.4

$$y = 5.3080\text{E-}004 * x + 1.1720\text{E-}004$$

$$R = 1.0000$$

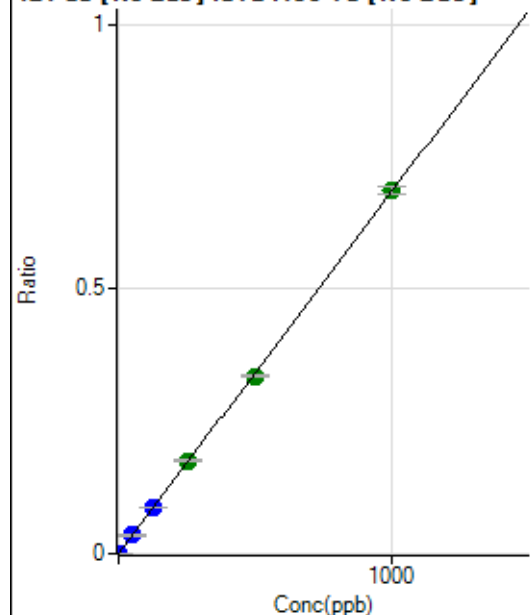
$$DL = 0.09455$$

$$BEC = 0.2208$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	50.00	0.0000	P	41.5
2	☐	2.000	2.023	12497.38	0.0014	P	3.5
3	☐	50.000	50.740	312602.17	0.0347	P	1.7
4	☐	125.000	125.436	777494.68	0.0857	P	0.7
5	☐	250.000	255.384	1591437.21	0.1744	A	2.1
6	☐	500.000	490.803	3126098.88	0.3352	A	1.1
7	☐	1000.000	1003.161	6426514.81	0.6852	A	2.0
8	☐			6954.64	0.0007	P	6.7

$$y = 6.8302\text{E-}004 * x + 5.5703\text{E-}006$$

$$R = 0.9999$$

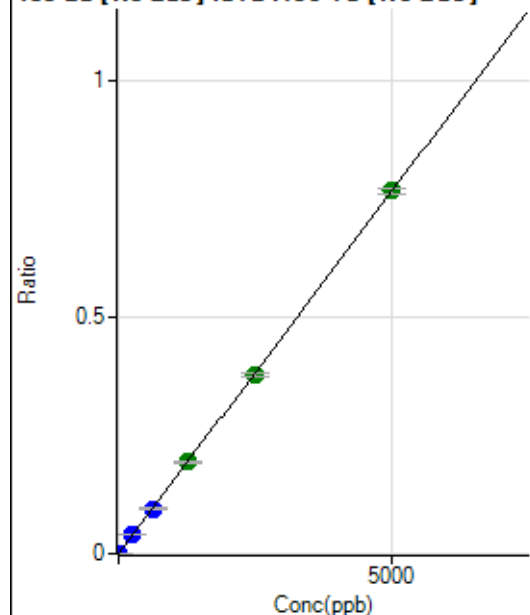
$$DL = 0.01015$$

$$BEC = 0.008155$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	24.4
2	☐	10.000	9.788	13540.10	0.0015	P	7.6
3	☐	250.000	256.261	354392.48	0.0393	P	1.3
4	☐	625.000	621.480	864750.40	0.0953	P	1.4
5	☐	1250.000	1268.263	1774222.39	0.1945	A	2.3
6	☐	2500.000	2471.341	3533622.82	0.3789	A	1.5
7	☐	5000.000	5009.891	7204760.93	0.7682	A	1.4
8	☐			4356.33	0.0005	P	8.7

$$y = 1.5333\text{E-}004 * x + 2.5149\text{E-}006$$

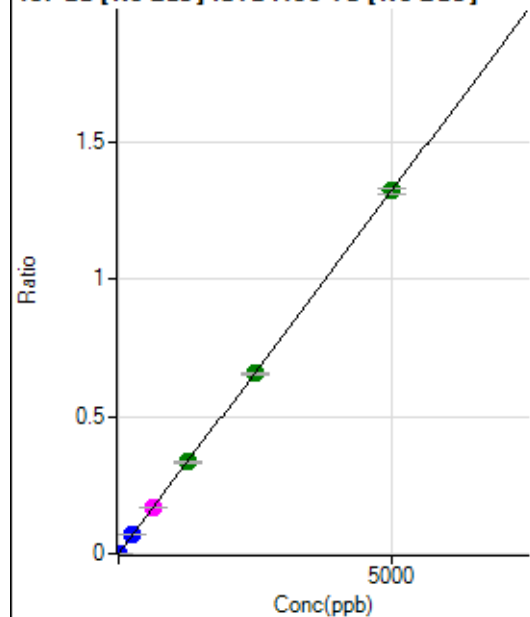
$$R = 1.0000$$

$$DL = 0.01203$$

$$BEC = 0.0164$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25.00	0.0000	P	61.6
2	☐	10.000	9.766	23313.98	0.0026	P	1.5
3	☐	250.000	255.254	609315.69	0.0676	P	1.0
4	☐	625.000	640.024	1537191.13	0.1694	M	1.7
5	☐	1250.000	1260.170	3042965.61	0.3335	A	2.4
6	☐	2500.000	2488.050	6140320.32	0.6585	A	1.3
7	☐	5000.000	5001.292	12415500.45	1.3237	A	1.6
8	☐			7271.47	0.0008	P	7.8

$$y = 2.6467E-004 * x + 2.8547E-006$$

$$R = 1.0000$$

$$DL = 0.01993$$

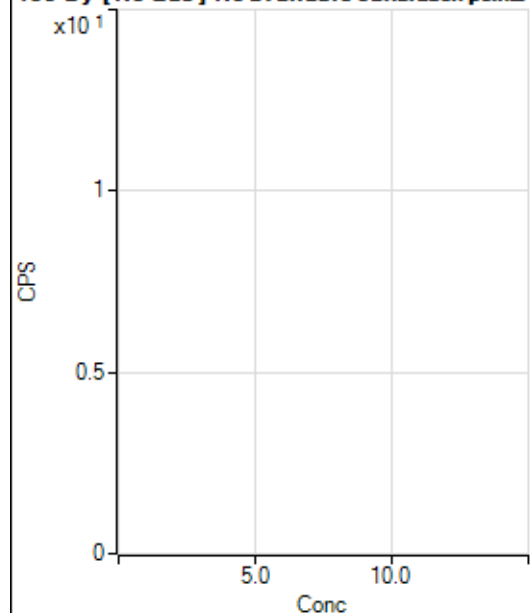
$$BEC = 0.01079$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

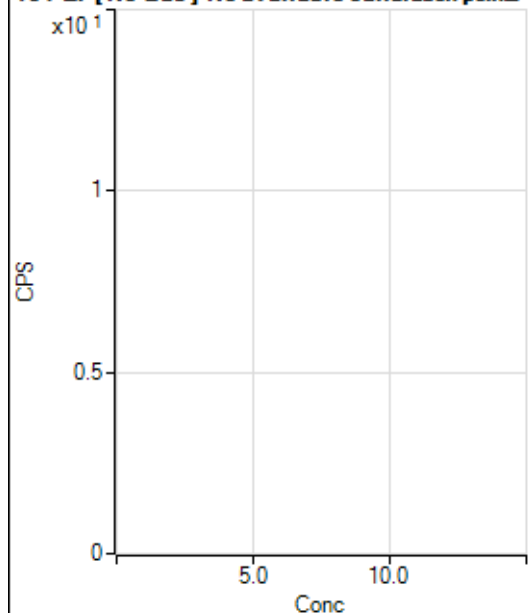
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			8.89		P	86.6
2	☐			8.89		P	114.5
3	☐			28.89		P	81.0
4	☐			44.44		P	31.2
5	☐			71.11		P	30.1
6	☐			133.34		P	21.8
7	☐			328.90		P	3.1
8	☐			104.45		P	18.4

156 Dy [No Gas] No available calibration points

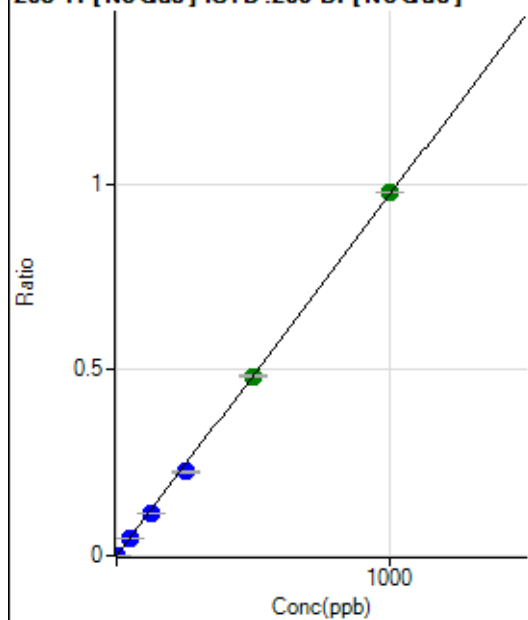
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐			2.78		P	173.2
3	☐			27.78		P	17.3
4	☐			27.78		P	34.6
5	☐			55.56		P	31.2
6	☐			116.67		P	43.5
7	☐			238.90		P	16.5
8	☐			725.03		P	6.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			91.67		P	9.1
2	☐			80.56		P	41.8
3	☐			80.56		P	15.8
4	☐			86.11		P	49.7
5	☐			150.01		P	27.8
6	☐			116.67		P	46.8
7	☐			177.78		P	28.6
8	☐			622.25		P	13.9

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			27.78		P	17.3
2	☐			36.11		P	58.1
3	☐			38.89		P	53.9
4	☐			33.33		P	25.0
5	☐			50.00		P	33.3
6	☐			52.78		P	9.1
7	☐			63.89		P	54.3
8	☐			88.89		P	32.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	230.56	0.0000	P	25.7
2	☐	1.000	0.903	5131.65	0.0009	P	1.3
3	☐	50.000	46.577	252074.56	0.0452	P	1.9
4	☐	125.000	116.994	633255.78	0.1134	P	0.7
5	☐	250.000	233.306	1271814.98	0.2262	P	1.1
6	☐	500.000	498.000	2720470.85	0.4827	A	0.6
7	☐	1000.000	1006.345	5519217.74	0.9754	A	0.1
8	☐			2194.69	0.0004	P	9.5

$$y = 9.6925E-004 * x + 4.2407E-005$$

$$R = 0.9998$$

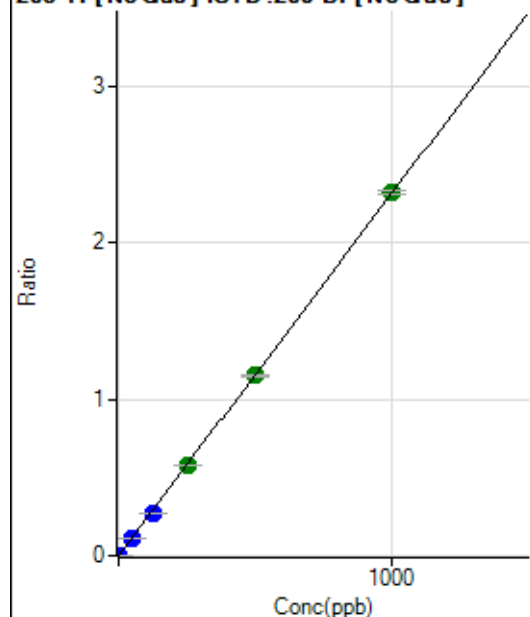
$$DL = 0.03375$$

$$BEC = 0.04375$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	619.47	0.0001	P	4.7
2	☐	1.000	0.915	12481.09	0.0022	P	1.9
3	☐	50.000	46.541	601716.30	0.1079	P	1.4
4	☐	125.000	116.500	1506331.70	0.2698	P	1.3
5	☐	250.000	249.812	3252834.69	0.5785	A	1.2
6	☐	500.000	497.125	6487171.32	1.1511	A	1.0
7	☐	1000.000	1002.720	13135865.31	2.3216	A	1.1
8	☐			5334.54	0.0010	P	11.4

$$y = 0.0023 * x + 1.1363E-004$$

$$R = 1.0000$$

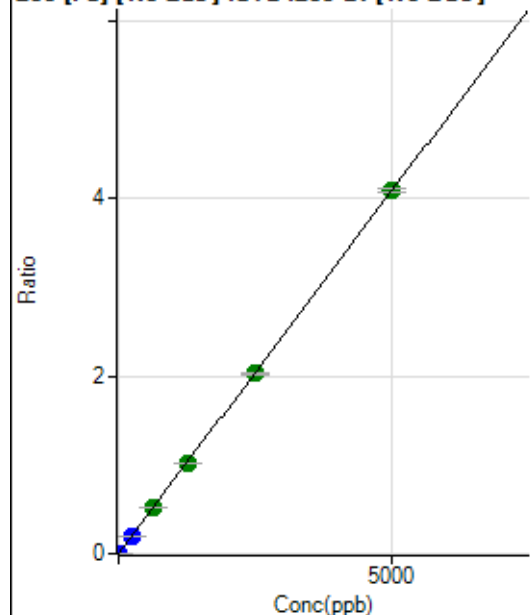
$$DL = 0.006914$$

$$BEC = 0.04908$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	113.45	0.0000	P	26.6
2	☐	1.000	0.934	4371.89	0.0008	P	2.6
3	☐	250.000	231.191	1051969.81	0.1886	P	2.0
4	☐	625.000	633.219	2883155.87	0.5165	A	1.9
5	☐	1250.000	1254.931	5755529.23	1.0236	A	0.3
6	☐	2500.000	2489.487	11443038.47	2.0305	A	1.2
7	☐	5000.000	5003.937	23092548.40	4.0813	A	1.2
8	☐			8334.47	0.0016	P	3.3

$$y = 8.1561E-004 * x + 2.0747E-005$$

$$R = 1.0000$$

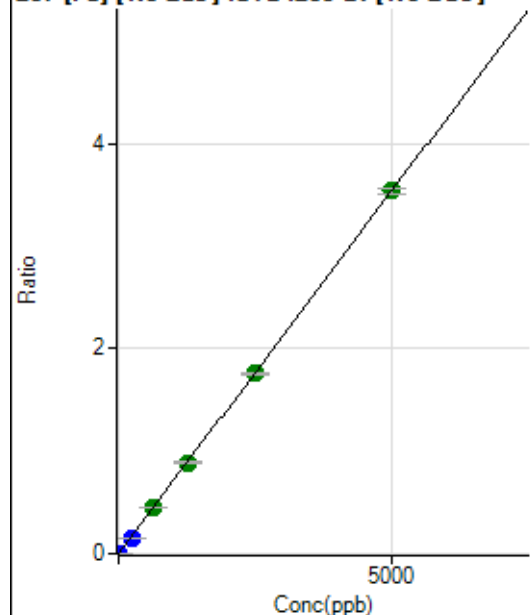
$$DL = 0.02031$$

$$BEC = 0.02544$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	150.16	0.0000	P	24.0
2	☐	1.000	0.830	3434.00	0.0006	P	2.2
3	☐	250.000	223.362	881284.28	0.1580	P	1.0
4	☐	625.000	627.826	2478635.16	0.4440	A	1.0
5	☐	1250.000	1259.586	5009128.90	0.8908	A	0.9
6	☐	2500.000	2487.313	9913618.90	1.7590	A	1.4
7	☐	5000.000	5004.926	20025990.08	3.5394	A	1.6
8	☐			7135.95	0.0014	P	5.2

$$y = 7.0718\text{E-}004 * x + 2.7384\text{E-}005$$

$$R = 1.0000$$

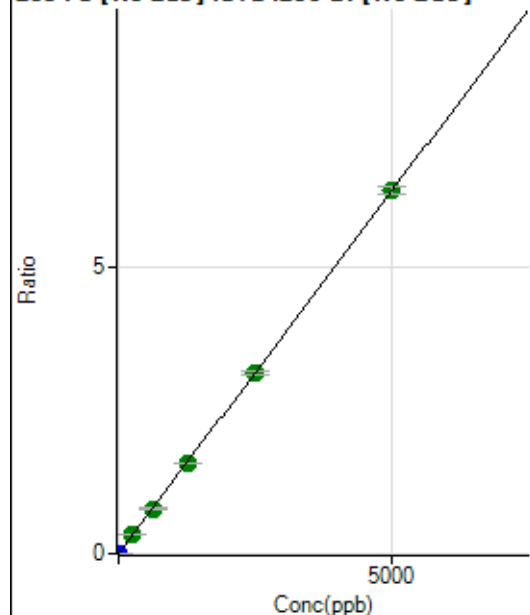
$$DL = 0.02788$$

$$BEC = 0.03872$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	265.34	0.0000	P	15.4
2	☐	1.000	0.806	5975.83	0.0011	P	3.6
3	☐	250.000	260.562	1840622.56	0.3300	A	1.2
4	☐	625.000	622.375	4399265.09	0.7881	A	0.8
5	☐	1250.000	1247.984	8886036.99	1.5802	A	1.4
6	☐	2500.000	2485.210	17735587.03	3.1467	A	2.2
7	☐	5000.000	5007.699	35877046.81	6.3406	A	2.0
8	☐			12528.33	0.0024	P	9.9

$$y = 0.0013 * x + 4.8587\text{E-}005$$

$$R = 1.0000$$

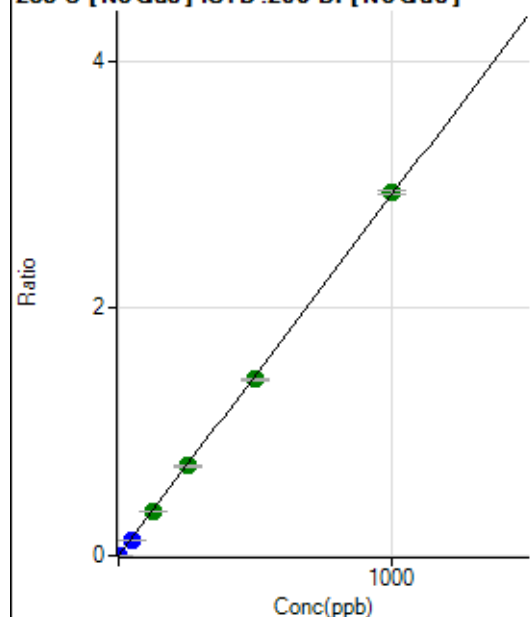
$$DL = 0.01769$$

$$BEC = 0.03837$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.89	0.0000	P	67.1
2	☐	1.000	0.861	14033.10	0.0025	P	3.0
3	☐	50.000	43.665	709294.47	0.1272	P	1.1
4	☐	125.000	122.443	1990365.12	0.3565	A	1.8
5	☐	250.000	248.455	4068445.04	0.7235	A	3.2
6	☐	500.000	488.589	8017213.85	1.4227	A	0.6
7	☐	1000.000	1006.728	16586380.92	2.9315	A	1.1
8	☐			3211.61	0.0006	P	15.6

$$y = 0.0029 * x + 2.5228E-006$$

$$R = 0.9999$$

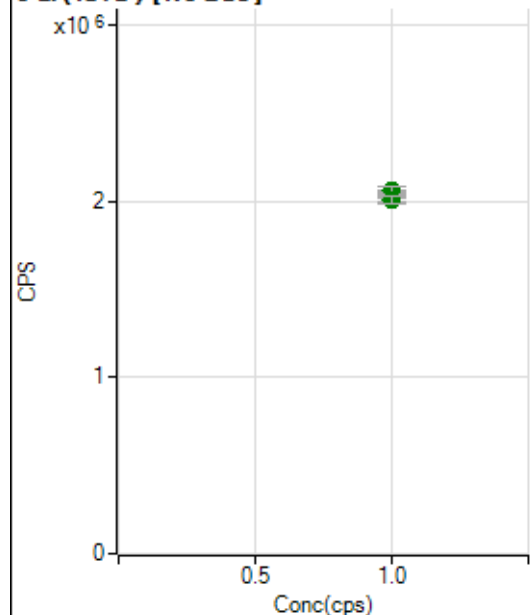
$$DL = 0.001744$$

$$BEC = 0.0008664$$

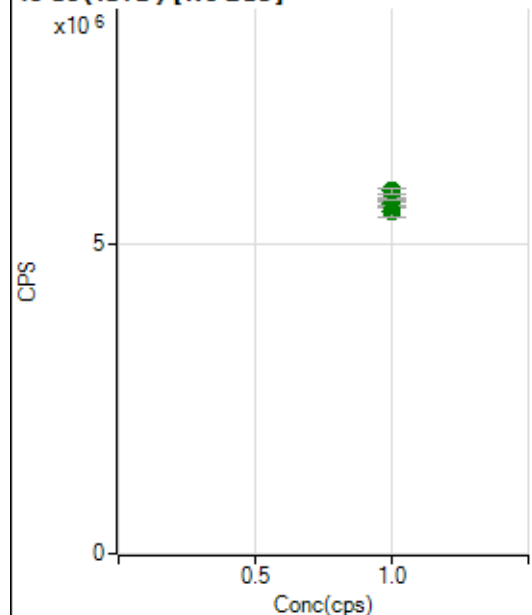
Weight: <None>

Min Conc: 0

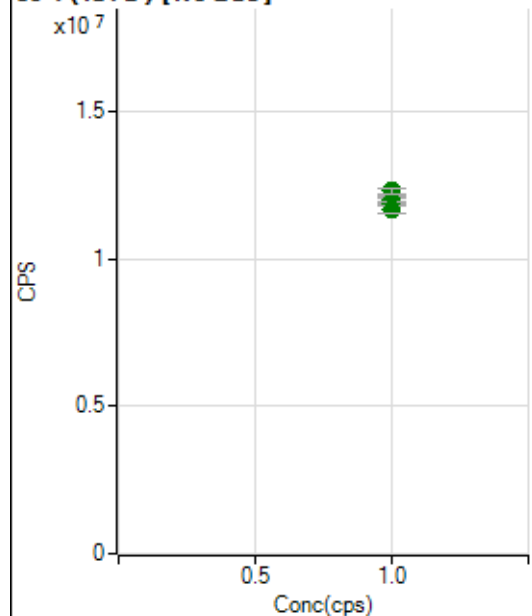
6 Li (ISTD) [No Gas]



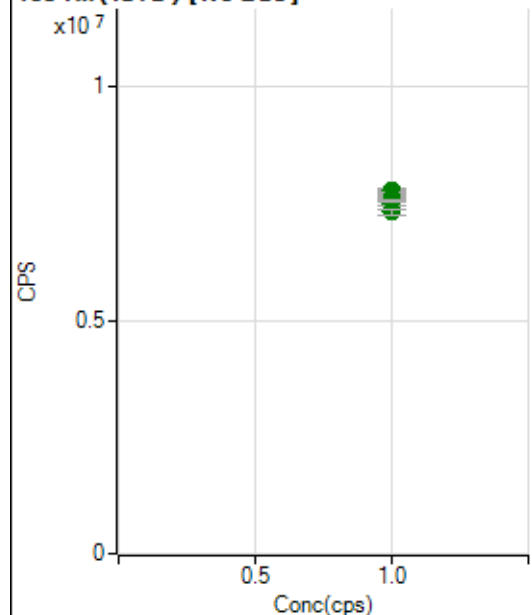
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2031685.06		A	3.1
2	☐	1.000		2049381.03		A	1.0
3	☐	1.000		2053880.89		A	0.3
4	☐	1.000		2047863.23		A	0.5
5	☐	1.000		2056266.57		A	0.8
6	☐	1.000		2060670.04		A	2.1
7	☐	1.000		2014549.81		A	1.1
8	☐	1.000		2006275.06		A	2.0

45 Sc (ISTD) [No Gas]

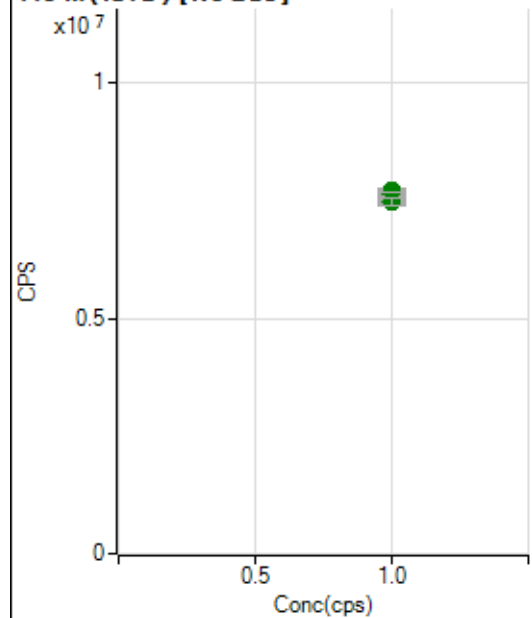
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5538183.18		A	3.3
2	☐	1.000		5731697.97		A	0.5
3	☐	1.000		5741946.79		A	0.5
4	☐	1.000		5649645.89		A	1.7
5	☐	1.000		5662552.76		A	1.0
6	☐	1.000		5678374.57		A	1.2
7	☐	1.000		5745510.96		A	1.1
8	☐	1.000		5875682.34		A	1.2

89 Y (ISTD) [No Gas]

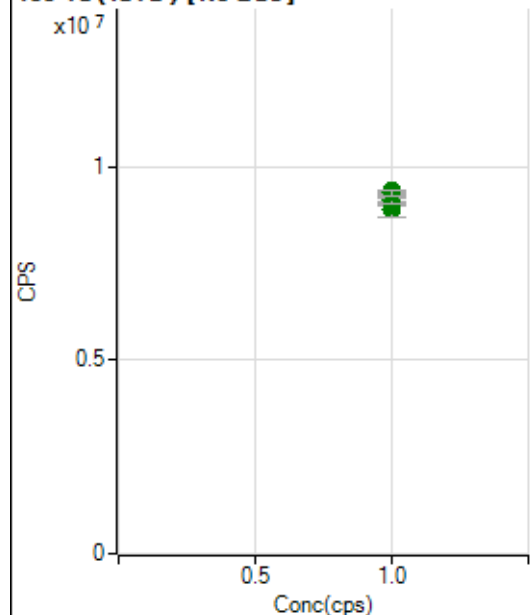
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11682273.85		A	2.3
2	☐	1.000		11993929.96		A	0.9
3	☐	1.000		11857085.66		A	0.6
4	☐	1.000		11949463.85		A	1.6
5	☐	1.000		11868594.96		A	0.6
6	☐	1.000		11995924.27		A	1.0
7	☐	1.000		12161335.51		A	0.8
8	☐	1.000		12301619.68		A	1.7

103 Rh (ISTD) [No Gas]

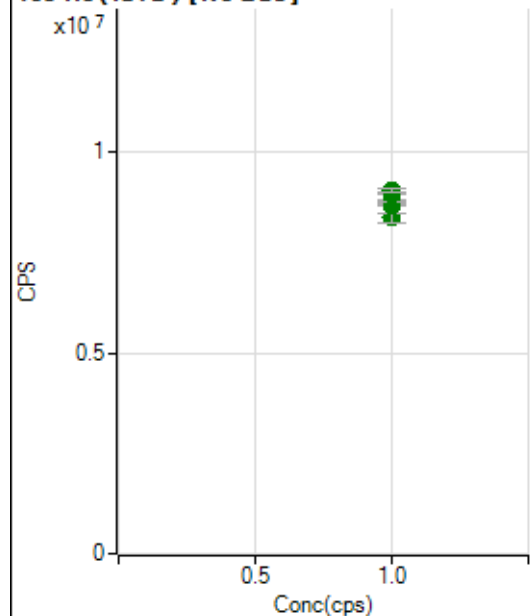
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		7614974.47		A	3.8
2	☐	1.000		7766288.15		A	1.0
3	☐	1.000		7729484.75		A	0.4
4	☐	1.000		7614184.75		A	1.1
5	☐	1.000		7577662.04		A	0.8
6	☐	1.000		7485574.12		A	0.8
7	☐	1.000		7558485.37		A	0.8
8	☐	1.000		7321464.06		A	1.6

115 In (ISTD) [No Gas]

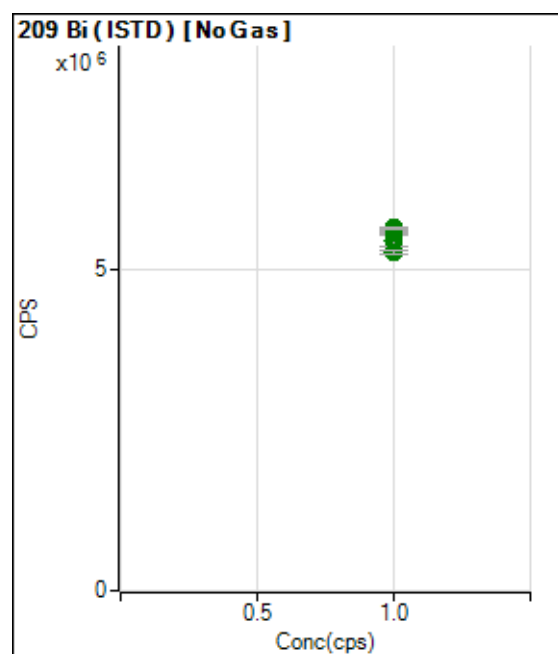
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		7558837.07		A	3.3
2	☐	1.000		7702389.15		A	1.3
3	☐	1.000		7669458.29		A	1.0
4	☐	1.000		7534620.92		A	1.5
5	☐	1.000		7647679.66		A	0.8
6	☐	1.000		7541685.41		A	0.8
7	☐	1.000		7627177.77		A	1.3
8	☐	1.000		7487883.07		A	2.1

159 Tb (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		8886183.75		A	3.9
2	☐	1.000		9010055.77		A	0.8
3	☐	1.000		9018711.95		A	0.8
4	☐	1.000		9074147.78		A	0.5
5	☐	1.000		9124288.69		A	1.4
6	☐	1.000		9324582.92		A	0.9
7	☐	1.000		9379092.50		A	0.6
8	☐	1.000		9333057.71		A	1.5

165 Ho (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		8367710.16		A	3.0
2	☐	1.000		8713239.66		A	0.7
3	☐	1.000		8759156.12		A	1.0
4	☐	1.000		8686767.44		A	0.7
5	☐	1.000		8760636.68		A	1.0
6	☐	1.000		8776764.04		A	0.3
7	☐	1.000		8968289.93		A	0.2
8	☐	1.000		9044141.67		A	1.1



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		5457620.79		A	3.7
2	☐	1.000		5589950.51		A	1.5
3	☐	1.000		5578330.51		A	0.1
4	☐	1.000		5582333.18		A	0.1
5	☐	1.000		5623152.59		A	0.5
6	☐	1.000		5635320.68		A	1.2
7	☐	1.000		5658158.39		A	0.8
8	☐	1.000		5279907.18		A	1.1

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P7082422-MS1.b
Acq. Date-Time 2022-08-24 12:25:29
Report Comment ---
Instrument Name G8403A JP14410463

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		3386	33861.62			1.798	5.000
24		58601	586009.60			2.390	5.000
25		8003	80030.71			1.816	5.000
26		9448	94477.95			1.612	5.000
59		38809	388092.21			2.027	5.000
113		2049	20485.87			2.197	5.000
115		45485	454845.51			2.624	5.000
206		9898	98984.33			1.755	5.000
207		9115	91153.27			1.881	5.000
208		21165	211647.32			1.500	5.000
220		1	10.00			49.117	

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

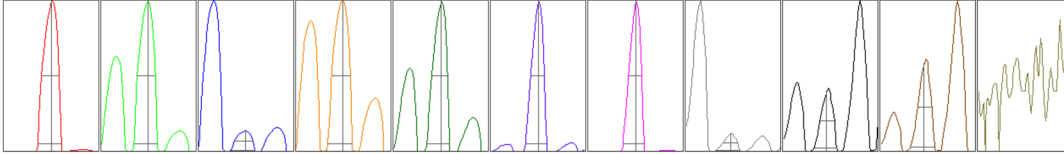
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	3403	3389	3400	3286	3452
24	59936	58874	59283	56251	58660
25	8004	8110	8098	7754	8049
26	9499	9554	9516	9179	9491
59	38869	39147	39277	37437	39315
113	2079	2081	2041	1973	2069
115	46106	46353	45837	43393	45734
206	9952	10007	9946	9591	9996
207	9130	9264	9190	8821	9172
208	21201	21304	21309	20611	21398

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	6571.33	9.05	8.90 - 9.10	
24	110273.21	24.00	23.90 - 24.10	
25	14750.19	25.00	24.90 - 25.10	
26	16986.76	26.00	25.90 - 26.10	
59	81037.93	59.05	58.90 - 59.10	
113	4912.87	113.05	112.90 - 113.10	
115	110805.56	115.05	114.90 - 115.10	
206	22154.33	205.95	205.90 - 206.10	
207	19437.05	206.90	206.90 - 207.10	
208	45741.31	207.90	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.54	0.736	0.900	
24	0.56	0.740	0.900	
25	0.57	0.739	0.900	
26	0.58	0.777	0.900	
59	0.49	0.725	0.900	
113	0.43	0.674	0.900	
115	0.42	0.674	0.900	
206	0.45	0.724	0.900	
207	0.47	0.714	0.900	
208	0.45	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 0.65 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

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

Lens Parameters

Extract 1	0.0 V	Omega Lens	10.2 V	Deflect	15.6 V
Extract 2	-190.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-100 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	122	Axis Gain	1.0000	QP Bias	-3.0 V
Mass Offset	125	Axis Offset	0.00		

Hardware Settings

Torch

Torch H	-0.8 mm	Torch V	0.8 mm
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EM

Discriminator	3.2 mV	Analog HV	2196 V	Pulse HV	1414 V
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LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:05:07	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.04	-0.05	0.00	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	-0.02	0.03	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.01	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.01	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Boron	10-1	0.01	0.07	-0.07	0.00	N/A	ppb
Boron	11-1	0.11	-0.02	-0.09	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.13	0.06	0.07	0.00	N/A	ppb
Cadmium	106-1	-1.74	0.93	0.81	0.00	N/A	ppb
Cadmium	108-1	0.07	0.07	-0.14	0.00	N/A	ppb
Calcium	43-1	-0.35	3.44	-3.09	0.00	N/A	ppb
Calcium	44-1	3.75	-3.86	0.11	0.00	N/A	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	0.05	-0.01	-0.04	0.00	N/A	ppb
Cobalt	59-1	-0.01	0.00	0.00	0.00	N/A	ppb
Copper	63-1	0.00	0.01	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				100		%
Indium	115-1				100		%
Iron	54-1						ppb
Iron	56-1	15.10	-5.72	-9.38	0.00	N/A	ppb
Iron	57-1	7.79	-4.84	-2.95	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lead	207-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-1	-0.01	-0.07	0.08	0.00	N/A	ppb
Manganese	55-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.01	0.00	0.00	0.00	N/A	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:05:07	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Nickel	60-1	0.00	0.00	0.00	0.00	N/A	ppb
Phosphorus	31-1	-8.64	-10.31	-11.11	-10.02		ppb
Potassium	39-1	23.84	-14.49	-9.35	0.00	N/A	ppb
Rhodium	103-1				100		%
Scandium	45-1				100		%
Selenium	82-1	-0.27	0.31	-0.05	0.00	N/A	ppb
Selenium	77-1	0.11	0.19	-0.30	0.00	N/A	ppb
Selenium	78-1						ppb
Silicon	28-1	2.97	-0.84	-2.13	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	1.71	-0.55	-1.15	0.00	N/A	ppb
Strontium	86-1	-0.02	-0.02	0.04	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	1027.96	-176.71	-134.21	239.01	286.00	ppb
Terbium	159-1				100		%
Thallium	203-1	0.01	0.01	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	0.03	-0.04	0.00	N/A	ppb
Titanium	47-1	0.10	-0.07	-0.04	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
Yttrium	89-1				100		%
Zinc	66-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.00	0.00	0.00	N/A	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:07:54	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	19.92	19.91	20.08	19.97	0.49	ppb
Antimony	121-1	1.98	1.99	2.11	2.02	3.53	ppb
Arsenic	75-1	0.91	1.12	1.23	1.08	15.11	ppb
Barium	135-1	8.99	9.90	10.48	9.79	7.66	ppb
Barium	137-1	9.86	9.59	9.85	9.77	1.52	ppb
Beryllium	9-1	1.01	1.03	1.01	1.02	1.15	ppb
Bismuth	209-1				102		%
Boron	10-1	21.01	24.33	23.26	22.86	7.41	ppb
Boron	11-1	19.91	21.82	24.44	22.06	10.32	ppb
Bromine	81-1						cps
Cadmium	111-1	1.06	1.08	1.23	1.12	8.09	ppb
Cadmium	106-1	2.09	0.94	1.09	1.37	45.42	ppb
Cadmium	108-1	1.04	1.11	1.13	1.10	4.15	ppb
Calcium	43-1	503.12	519.18	499.18	507.16	2.09	ppb
Calcium	44-1	521.21	525.62	524.30	523.71	0.43	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	1.90	1.95	1.96	1.94	1.49	ppb
Cobalt	59-1	0.99	1.03	1.07	1.03	4.11	ppb
Copper	63-1	2.07	2.12	2.08	2.09	1.27	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				104		%
Indium	115-1				102		%
Iron	54-1						ppb
Iron	56-1	41.42	37.08	38.54	39.01	5.66	ppb
Iron	57-1	52.16	46.18	48.72	49.02	6.12	ppb
Krypton	83-1						cps
Lead	206-1	0.90	0.95	0.95	0.93	2.68	ppb
Lead	207-1	0.81	0.83	0.85	0.83	2.25	ppb
Lead	208-1	0.81	0.84	0.78	0.81	3.72	ppb
Lithium	6-1				101		%
Magnesium	24-1	510.55	519.02	518.89	516.15	0.94	ppb
Manganese	55-1	1.04	1.09	1.07	1.07	2.44	ppb
Molybdenum	94-1	5.86	5.93	5.96	5.92	0.91	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:07:54	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	4.76	4.93	5.50	5.06	7.73	ppb
Molybdenum	96-1	4.91	5.33	5.19	5.14	4.08	ppb
Molybdenum	97-1	5.11	5.09	5.09	5.09	0.24	ppb
Molybdenum	98-1	4.96	5.23	5.01	5.07	2.87	ppb
Neodymium	150-1						cps
Nickel	60-1	1.03	1.03	1.02	1.03	0.56	ppb
Phosphorus	31-1	10.40	9.61	10.04	10.02	3.95	ppb
Potassium	39-1	485.87	485.87	496.00	489.25	1.20	ppb
Rhodium	103-1				102		%
Scandium	45-1				103		%
Selenium	82-1	5.22	3.66	5.91	4.93	23.39	ppb
Selenium	77-1	4.48	5.55	6.67	5.57	19.63	ppb
Selenium	78-1						ppb
Silicon	28-1	6.78	5.78	6.43	6.33	8.01	ppb
Silver	107-1	0.81	0.99	1.05	0.95	12.83	ppb
Silver	109-1	0.85	1.02	1.03	0.97	10.44	ppb
Sodium	23-1	523.11	518.37	529.37	523.62	1.05	ppb
Strontium	86-1	0.88	0.99	1.05	0.97	8.92	ppb
Strontium	88-1	0.96	0.96	1.00	0.98	2.05	ppb
Sulfur	34-1	-73.36	-365.84	-277.84	-239.01		ppb
Terbium	159-1				101		%
Thallium	203-1	0.89	0.91	0.91	0.90	1.39	ppb
Thallium	205-1	0.92	0.90	0.93	0.92	2.01	ppb
Tin	118-1	5.16	5.24	5.12	5.17	1.17	ppb
Titanium	47-1	4.30	4.91	5.13	4.78	8.90	ppb
Uranium	238-1	0.86	0.83	0.89	0.86	3.00	ppb
Vanadium	51-1	4.91	5.01	4.97	4.96	1.01	ppb
Yttrium	89-1				103		%
Zinc	66-1	2.19	2.10	2.23	2.17	3.14	ppb
Zirconium	90-1	0.91	1.00	0.99	0.97	4.96	ppb
Zirconium	91-1	0.95	0.96	1.00	0.97	2.54	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:10:42	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	1013.62	1040.01	1009.67	1021.10	1.62	ppb
Antimony	121-1	50.21	50.29	51.72	50.74	1.67	ppb
Arsenic	75-1	51.86	52.86	51.51	52.08	1.35	ppb
Barium	135-1	253.71	254.97	260.11	256.26	1.32	ppb
Barium	137-1	253.00	254.69	258.07	255.25	1.01	ppb
Beryllium	9-1	50.23	50.44	51.20	50.62	1.01	ppb
Bismuth	209-1				102		%
Boron	10-1	51.10	50.06	52.91	51.36	2.81	ppb
Boron	11-1	47.04	51.18	53.22	50.48	6.23	ppb
Bromine	81-1						cps
Cadmium	111-1	53.46	52.60	53.45	53.17	0.93	ppb
Cadmium	106-1	56.32	54.92	55.05	55.43	1.40	ppb
Cadmium	108-1	51.37	53.51	55.82	53.56	4.16	ppb
Calcium	43-1	5850.79	6011.40	5931.32	5931.17	1.35	ppb
Calcium	44-1	5515.08	5617.10	5579.68	5570.62	0.93	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	48.69	50.42	50.10	49.74	1.85	ppb
Cobalt	59-1	49.89	51.17	50.59	50.55	1.26	ppb
Copper	63-1	521.02	534.51	526.86	527.46	1.28	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				105		%
Indium	115-1				101		%
Iron	54-1						ppb
Iron	56-1	2586.74	2632.69	2583.98	2601.13	1.05	ppb
Iron	57-1	2571.91	2686.77	2623.48	2627.39	2.19	ppb
Krypton	83-1						cps
Lead	206-1	228.90	228.27	236.41	231.19	1.96	ppb
Lead	207-1	223.97	220.80	225.31	223.36	1.04	ppb
Lead	208-1	259.20	258.24	264.24	260.56	1.24	ppb
Lithium	6-1				101		%
Magnesium	24-1	5100.86	5140.50	5120.66	5120.68	0.39	ppb
Manganese	55-1	505.49	514.69	512.68	510.95	0.95	ppb
Molybdenum	94-1	506.93	508.06	508.94	507.98	0.20	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:10:42	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	503.59	522.10	511.46	512.38	1.81	ppb
Molybdenum	96-1	503.02	520.70	514.13	512.62	1.74	ppb
Molybdenum	97-1	508.12	518.92	510.51	512.52	1.11	ppb
Molybdenum	98-1	519.86	513.77	509.51	514.38	1.01	ppb
Neodymium	150-1						cps
Nickel	60-1	49.75	50.66	50.79	50.40	1.13	ppb
Phosphorus	31-1	1008.28	1038.05	1043.15	1029.83	1.83	ppb
Potassium	39-1	2563.74	2567.38	2582.69	2571.27	0.39	ppb
Rhodium	103-1				102		%
Scandium	45-1				104		%
Selenium	82-1	51.82	52.92	53.94	52.89	2.00	ppb
Selenium	77-1	53.08	57.00	51.43	53.84	5.32	ppb
Selenium	78-1						ppb
Silicon	28-1	48.28	50.42	50.63	49.78	2.61	ppb
Silver	107-1	52.43	52.59	53.55	52.86	1.15	ppb
Silver	109-1	52.95	52.33	53.24	52.84	0.88	ppb
Sodium	23-1	5366.27	5460.41	5423.74	5416.81	0.88	ppb
Strontium	86-1	1278.85	1308.46	1305.01	1297.44	1.25	ppb
Strontium	88-1	1268.33	1292.37	1290.16	1283.62	1.04	ppb
Sulfur	34-1	810.07	1070.49	778.62	886.40	18.07	ppb
Terbium	159-1				101		%
Thallium	203-1	45.53	47.06	47.14	46.58	1.95	ppb
Thallium	205-1	45.85	46.62	47.15	46.54	1.40	ppb
Tin	118-1	51.14	51.49	53.07	51.90	1.98	ppb
Titanium	47-1	490.70	513.55	507.96	504.07	2.36	ppb
Uranium	238-1	43.32	43.49	44.19	43.67	1.05	ppb
Vanadium	51-1	48.31	49.84	49.42	49.19	1.60	ppb
Yttrium	89-1				101		%
Zinc	66-1	500.95	506.07	506.34	504.45	0.60	ppb
Zirconium	90-1	50.33	51.74	51.04	51.03	1.38	ppb
Zirconium	91-1	50.90	50.86	52.23	51.33	1.52	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:13:29	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	2547.67	2564.56	2532.49	2548.24	0.63	ppb
Antimony	121-1	124.72	125.12	126.46	125.44	0.73	ppb
Arsenic	75-1	121.51	128.58	123.83	124.64	2.89	ppb
Barium	135-1	611.95	624.02	628.46	621.48	1.37	ppb
Barium	137-1	642.79	627.75	649.53	640.02	1.74	ppb
Beryllium	9-1	123.63	124.83	125.97	124.81	0.94	ppb
Bismuth	209-1				102		%
Boron	10-1	129.40	125.43	128.48	127.77	1.62	ppb
Boron	11-1	117.26	124.15	128.08	123.16	4.45	ppb
Bromine	81-1						cps
Cadmium	111-1	127.64	130.85	129.55	129.35	1.25	ppb
Cadmium	106-1	129.85	126.39	127.38	127.87	1.40	ppb
Cadmium	108-1	127.94	129.47	129.86	129.09	0.79	ppb
Calcium	43-1	14882.79	14797.30	14869.02	14849.70	0.31	ppb
Calcium	44-1	13743.62	13698.85	13660.99	13701.15	0.30	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	129.29	131.10	127.93	129.44	1.23	ppb
Cobalt	59-1	130.71	131.41	128.30	130.14	1.25	ppb
Copper	63-1	1306.48	1338.89	1290.78	1312.05	1.87	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				104		%
Indium	115-1				100		%
Iron	54-1						ppb
Iron	56-1	6630.21	6619.37	6432.64	6560.74	1.69	ppb
Iron	57-1	6687.23	6648.87	6468.58	6601.56	1.77	ppb
Krypton	83-1						cps
Lead	206-1	621.21	633.41	645.04	633.22	1.88	ppb
Lead	207-1	620.82	632.40	630.25	627.83	0.98	ppb
Lead	208-1	620.65	618.39	628.09	622.38	0.81	ppb
Lithium	6-1				101		%
Magnesium	24-1	13040.91	13066.43	12868.73	12992.02	0.83	ppb
Manganese	55-1	1290.23	1287.29	1269.54	1282.36	0.87	ppb
Molybdenum	94-1	1252.53	1306.35	1262.08	1273.65	2.25	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:13:29	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	1249.98	1294.79	1239.66	1261.48	2.32	ppb
Molybdenum	96-1	1237.04	1283.54	1227.73	1249.43	2.39	ppb
Molybdenum	97-1	1246.45	1286.34	1246.14	1259.64	1.84	ppb
Molybdenum	98-1	1236.13	1273.76	1236.38	1248.75	1.73	ppb
Neodymium	150-1						cps
Nickel	60-1	128.77	129.97	127.45	128.73	0.98	ppb
Phosphorus	31-1	2583.33	2608.46	2567.23	2586.34	0.80	ppb
Potassium	39-1	6440.31	6415.23	6356.51	6404.02	0.67	ppb
Rhodium	103-1				100		%
Scandium	45-1				102		%
Selenium	82-1	130.54	131.34	127.04	129.64	1.76	ppb
Selenium	77-1	127.32	138.41	130.87	132.20	4.28	ppb
Selenium	78-1						ppb
Silicon	28-1	148.61	150.66	150.06	149.78	0.70	ppb
Silver	107-1	127.40	129.04	131.06	129.17	1.42	ppb
Silver	109-1	127.22	129.87	129.67	128.92	1.14	ppb
Sodium	23-1	13268.60	13652.94	13149.47	13357.00	1.97	ppb
Strontium	86-1	3139.41	3183.90	3135.01	3152.77	0.86	ppb
Strontium	88-1	3137.30	3201.52	3143.88	3160.90	1.12	ppb
Sulfur	34-1	2537.01	2079.01	1577.06	2064.36	23.26	ppb
Terbium	159-1				102		%
Thallium	203-1	116.02	117.51	117.46	116.99	0.72	ppb
Thallium	205-1	114.74	117.40	117.36	116.50	1.31	ppb
Tin	118-1	127.24	127.54	127.10	127.29	0.18	ppb
Titanium	47-1	1251.40	1287.48	1275.78	1271.55	1.45	ppb
Uranium	238-1	120.11	124.33	122.89	122.44	1.75	ppb
Vanadium	51-1	126.24	126.49	125.97	126.23	0.20	ppb
Yttrium	89-1				102		%
Zinc	66-1	1292.42	1320.13	1261.29	1291.28	2.28	ppb
Zirconium	90-1	124.32	127.66	127.57	126.51	1.50	ppb
Zirconium	91-1	123.20	127.65	125.34	125.40	1.77	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:16:17	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	4924.53	5197.26	5053.91	5058.57	2.70	ppb
Antimony	121-1	249.56	256.15	260.44	255.38	2.15	ppb
Arsenic	75-1	245.09	246.03	252.10	247.74	1.54	ppb
Barium	135-1	1235.81	1278.35	1290.63	1268.26	2.27	ppb
Barium	137-1	1225.53	1271.01	1283.96	1260.17	2.44	ppb
Beryllium	9-1	243.59	248.10	246.76	246.15	0.94	ppb
Bismuth	209-1				103		%
Boron	10-1	237.20	247.72	266.35	250.42	5.89	ppb
Boron	11-1	234.21	253.61	255.90	247.90	4.81	ppb
Bromine	81-1						cps
Cadmium	111-1	249.91	255.36	261.38	255.55	2.25	ppb
Cadmium	106-1	247.98	257.68	268.25	257.97	3.93	ppb
Cadmium	108-1	256.98	262.66	265.43	261.69	1.65	ppb
Calcium	43-1	28819.94	29802.19	29964.76	29528.97	2.10	ppb
Calcium	44-1	26837.16	27676.57	27703.49	27405.74	1.80	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	248.78	255.80	252.94	252.51	1.40	ppb
Cobalt	59-1	248.32	262.89	254.73	255.32	2.86	ppb
Copper	63-1	2507.50	2587.58	2595.28	2563.45	1.90	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				105		%
Indium	115-1				101		%
Iron	54-1						ppb
Iron	56-1	12626.73	13241.50	12992.25	12953.49	2.39	ppb
Iron	57-1	12650.72	13240.02	13022.27	12971.00	2.30	ppb
Krypton	83-1						cps
Lead	206-1	1256.96	1257.24	1250.60	1254.93	0.30	ppb
Lead	207-1	1248.41	1259.47	1270.87	1259.59	0.89	ppb
Lead	208-1	1232.54	1244.70	1266.71	1247.98	1.39	ppb
Lithium	6-1				101		%
Magnesium	24-1	24905.82	26210.11	25788.96	25634.96	2.60	ppb
Manganese	55-1	2455.67	2585.17	2540.98	2527.27	2.60	ppb
Molybdenum	94-1	2472.96	2513.23	2529.96	2505.38	1.17	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:16:17	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	2500.75	2528.30	2542.87	2523.97	0.85	ppb
Molybdenum	96-1	2472.50	2510.88	2499.93	2494.44	0.79	ppb
Molybdenum	97-1	2449.18	2529.01	2501.90	2493.37	1.63	ppb
Molybdenum	98-1	2474.78	2532.28	2522.56	2509.87	1.23	ppb
Neodymium	150-1						cps
Nickel	60-1	245.99	255.39	251.80	251.06	1.89	ppb
Phosphorus	31-1	4924.17	5209.93	5133.30	5089.13	2.91	ppb
Potassium	39-1	12517.56	12962.07	12885.40	12788.34	1.86	ppb
Rhodium	103-1				100		%
Scandium	45-1				102		%
Selenium	82-1	255.44	258.37	257.57	257.13	0.59	ppb
Selenium	77-1	260.30	258.06	262.42	260.26	0.84	ppb
Selenium	78-1						ppb
Silicon	28-1	257.31	287.34	281.31	275.32	5.77	ppb
Silver	107-1	259.16	258.95	266.84	261.65	1.72	ppb
Silver	109-1	252.95	257.39	266.12	258.82	2.59	ppb
Sodium	23-1	26238.23	27544.62	27105.32	26962.72	2.47	ppb
Strontium	86-1	6224.06	6313.76	6414.75	6317.52	1.51	ppb
Strontium	88-1	6201.12	6293.76	6395.32	6296.73	1.54	ppb
Sulfur	34-1	3954.47	4193.25	3687.55	3945.09	6.41	ppb
Terbium	159-1				103		%
Thallium	203-1	231.19	236.28	232.45	233.31	1.14	ppb
Thallium	205-1	249.59	252.87	246.98	249.81	1.18	ppb
Tin	118-1	247.92	250.05	261.52	253.16	2.89	ppb
Titanium	47-1	2466.35	2553.29	2488.21	2502.61	1.81	ppb
Uranium	238-1	239.64	254.99	250.74	248.45	3.19	ppb
Vanadium	51-1	244.39	254.81	252.20	250.47	2.16	ppb
Yttrium	89-1				102		%
Zinc	66-1	2476.41	2592.12	2585.70	2551.41	2.55	ppb
Zirconium	90-1	252.35	252.79	256.29	253.81	0.85	ppb
Zirconium	91-1	247.46	251.17	253.10	250.58	1.14	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:19:04	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	9728.32	9975.73	10125.88	9943.31	2.02	ppb
Antimony	121-1	484.76	493.57	494.08	490.80	1.07	ppb
Arsenic	75-1	484.44	483.41	491.45	486.44	0.90	ppb
Barium	135-1	2437.34	2466.58	2510.10	2471.34	1.48	ppb
Barium	137-1	2483.61	2457.43	2523.11	2488.05	1.33	ppb
Beryllium	9-1	480.90	476.80	491.32	483.01	1.55	ppb
Bismuth	209-1				103		%
Boron	10-1	484.15	503.33	512.85	500.11	2.92	ppb
Boron	11-1	474.71	484.20	515.17	491.36	4.31	ppb
Bromine	81-1						cps
Cadmium	111-1	493.25	485.95	500.71	493.30	1.50	ppb
Cadmium	106-1	497.38	491.24	512.01	500.21	2.13	ppb
Cadmium	108-1	490.94	508.36	502.84	500.72	1.78	ppb
Calcium	43-1	57372.07	57779.92	58308.29	57820.09	0.81	ppb
Calcium	44-1	53407.13	53882.84	54260.10	53850.02	0.79	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	490.52	500.61	507.05	499.40	1.67	ppb
Cobalt	59-1	489.21	497.13	520.26	502.20	3.21	ppb
Copper	63-1	4894.44	4963.40	5145.45	5001.10	2.59	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				105		%
Indium	115-1				100		%
Iron	54-1						ppb
Iron	56-1	25061.21	25509.48	26209.23	25593.31	2.26	ppb
Iron	57-1	25268.95	25535.28	26101.80	25635.34	1.66	ppb
Krypton	83-1						cps
Lead	206-1	2478.65	2467.26	2522.55	2489.49	1.17	ppb
Lead	207-1	2451.65	2488.42	2521.87	2487.31	1.41	ppb
Lead	208-1	2421.46	2510.84	2523.34	2485.21	2.24	ppb
Lithium	6-1				101		%
Magnesium	24-1	49648.98	50262.19	52341.04	50750.74	2.78	ppb
Manganese	55-1	4865.04	4996.29	5142.26	5001.20	2.77	ppb
Molybdenum	94-1	4917.55	4921.02	4952.44	4930.34	0.39	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:19:04	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	4902.63	4995.54	5000.61	4966.26	1.11	ppb
Molybdenum	96-1	4931.00	4945.97	4966.44	4947.81	0.36	ppb
Molybdenum	97-1	4953.61	4971.23	4970.85	4965.23	0.20	ppb
Molybdenum	98-1	4872.28	5014.86	4974.65	4953.93	1.48	ppb
Neodymium	150-1						cps
Nickel	60-1	493.58	501.55	514.92	503.35	2.14	ppb
Phosphorus	31-1	9875.84	10120.39	10253.39	10083.21	1.90	ppb
Potassium	39-1	24916.81	25347.04	26148.30	25470.72	2.45	ppb
Rhodium	103-1				98		%
Scandium	45-1				103		%
Selenium	82-1	498.79	501.12	504.30	501.40	0.55	ppb
Selenium	77-1	509.57	493.18	510.79	504.51	1.95	ppb
Selenium	78-1						ppb
Silicon	28-1	498.16	533.70	545.21	525.69	4.67	ppb
Silver	107-1	492.21	495.46	508.69	498.79	1.75	ppb
Silver	109-1	498.72	497.40	501.55	499.22	0.43	ppb
Sodium	23-1	51536.84	51706.95	53207.79	52150.53	1.76	ppb
Strontium	86-1	12297.08	12305.14	12539.58	12380.60	1.11	ppb
Strontium	88-1	12327.61	12394.69	12481.15	12401.15	0.62	ppb
Sulfur	34-1	7548.22	7599.79	7887.94	7678.65	2.38	ppb
Terbium	159-1				105		%
Thallium	203-1	494.75	498.46	500.79	498.00	0.61	ppb
Thallium	205-1	492.20	496.82	502.35	497.13	1.02	ppb
Tin	118-1	497.13	493.10	497.34	495.85	0.48	ppb
Titanium	47-1	4885.73	5008.24	5071.52	4988.50	1.89	ppb
Uranium	238-1	490.79	489.57	485.41	488.59	0.58	ppb
Vanadium	51-1	484.32	501.33	496.56	494.07	1.78	ppb
Yttrium	89-1				103		%
Zinc	66-1	4846.90	5000.62	5122.54	4990.02	2.77	ppb
Zirconium	90-1	488.32	496.74	497.71	494.26	1.05	ppb
Zirconium	91-1	489.02	492.59	497.22	492.94	0.83	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:21:53	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	19548.91	20229.93	19961.13	19913.32	1.72	ppb
Antimony	121-1	980.11	1018.78	1010.60	1003.16	2.03	ppb
Arsenic	75-1	1002.14	1010.33	1009.40	1007.29	0.45	ppb
Barium	135-1	4937.66	5080.84	5011.17	5009.89	1.43	ppb
Barium	137-1	4912.25	5034.02	5057.61	5001.29	1.56	ppb
Beryllium	9-1	999.62	1015.85	1012.88	1009.45	0.86	ppb
Bismuth	209-1				104		%
Boron	10-1	972.35	1014.79	1011.29	999.48	2.36	ppb
Boron	11-1	976.64	1025.63	1013.09	1005.12	2.53	ppb
Bromine	81-1						cps
Cadmium	111-1	985.81	999.48	1018.48	1001.26	1.64	ppb
Cadmium	106-1	980.47	998.98	1012.37	997.27	1.61	ppb
Cadmium	108-1	981.70	1005.83	1000.56	996.03	1.27	ppb
Calcium	43-1	116649.79	117489.33	117672.27	117270.46	0.46	ppb
Calcium	44-1	107407.81	107952.25	107917.10	107759.06	0.28	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	989.95	1014.65	992.80	999.13	1.35	ppb
Cobalt	59-1	984.40	1002.40	1003.91	996.90	1.09	ppb
Copper	63-1	9815.88	10074.42	10033.07	9974.46	1.39	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				107		%
Indium	115-1				101		%
Iron	54-1						ppb
Iron	56-1	51399.81	52782.94	53068.09	52416.95	1.70	ppb
Iron	57-1	50553.05	52206.29	52080.57	51613.30	1.78	ppb
Krypton	83-1						cps
Lead	206-1	4941.47	5065.22	5005.12	5003.94	1.24	ppb
Lead	207-1	4943.82	5097.97	4972.98	5004.93	1.64	ppb
Lead	208-1	4897.55	5092.59	5032.96	5007.70	2.00	ppb
Lithium	6-1				99		%
Magnesium	24-1	98993.25	101424.41	99404.88	99940.85	1.30	ppb
Manganese	55-1	9886.10	10102.77	9975.10	9987.99	1.09	ppb
Molybdenum	94-1	9919.85	10125.98	10044.56	10030.13	1.04	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:21:53	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	9900.56	10054.46	10071.45	10008.82	0.94	ppb
Molybdenum	96-1	9869.39	10065.92	10145.48	10026.93	1.42	ppb
Molybdenum	97-1	9932.11	10088.42	10031.11	10017.21	0.79	ppb
Molybdenum	98-1	9910.59	10080.39	10069.04	10020.00	0.95	ppb
Neodymium	150-1						cps
Nickel	60-1	981.00	1008.98	1002.74	997.57	1.47	ppb
Phosphorus	31-1	19686.86	20360.56	19724.07	19923.83	1.90	ppb
Potassium	39-1	49978.51	50663.18	51041.88	50561.19	1.07	ppb
Rhodium	103-1				99		%
Scandium	45-1				104		%
Selenium	82-1	990.30	998.87	1001.21	996.79	0.58	ppb
Selenium	77-1	977.16	1023.86	981.23	994.08	2.60	ppb
Selenium	78-1						ppb
Silicon	28-1	953.55	1001.15	978.63	977.78	2.44	ppb
Silver	107-1	974.46	1005.63	1011.00	997.03	1.98	ppb
Silver	109-1	971.74	1008.68	1012.24	997.55	2.25	ppb
Sodium	23-1	101721.91	105295.99	103859.96	103625.96	1.74	ppb
Strontium	86-1	24502.96	25303.83	25304.14	25036.98	1.85	ppb
Strontium	88-1	24650.06	25111.16	25333.50	25031.57	1.39	ppb
Sulfur	34-1	21475.58	21663.17	21314.85	21484.54	0.81	ppb
Terbium	159-1				106		%
Thallium	203-1	1005.56	1007.63	1005.85	1006.35	0.11	ppb
Thallium	205-1	996.04	1015.52	996.60	1002.72	1.11	ppb
Tin	118-1	981.85	1006.51	1014.34	1000.90	1.69	ppb
Titanium	47-1	9858.69	10154.18	9993.72	10002.20	1.48	ppb
Uranium	238-1	1001.58	1019.22	999.39	1006.73	1.08	ppb
Vanadium	51-1	996.68	1006.84	1004.68	1002.74	0.53	ppb
Yttrium	89-1				104		%
Zinc	66-1	9809.25	10167.74	9983.28	9986.76	1.80	ppb
Zirconium	90-1	993.21	1006.82	1004.99	1001.68	0.74	ppb
Zirconium	91-1	990.81	1004.15	1014.85	1003.27	1.20	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:24:40	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	98381.94	99164.58	102509.45	100018.66	2.19	ppb
Antimony	121-1	1.02	1.16	1.07	1.08	6.72	ppb
Arsenic	75-1	0.83	0.75	0.74	0.77	6.33	ppb
Barium	135-1	3.24	3.11	2.73	3.03	8.79	ppb
Barium	137-1	3.17	2.93	2.71	2.93	7.82	ppb
Beryllium	9-1	0.38	0.24	0.26	0.29	25.28	ppb
Bismuth	209-1				97		%
Boron	10-1	59.28	51.09	40.72	50.36	18.47	ppb
Boron	11-1	57.54	49.29	42.64	49.83	14.98	ppb
Bromine	81-1						cps
Cadmium	111-1	0.69	0.38	0.38	0.48	36.71	ppb
Cadmium	106-1	3.83	1.63	2.07	2.51	46.58	ppb
Cadmium	108-1	0.36	0.39	0.44	0.40	10.74	ppb
Calcium	43-1	486731.97	496444.34	503231.86	495469.39	1.67	ppb
Calcium	44-1	493932.10	496454.64	503334.68	497907.14	0.98	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	2.67	2.60	2.55	2.61	2.19	ppb
Cobalt	59-1	4.16	4.13	4.08	4.12	0.96	ppb
Copper	63-1	8.70	8.47	8.64	8.60	1.41	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				108		%
Indium	115-1				99		%
Iron	54-1						ppb
Iron	56-1	246592.04	250430.37	251255.07	249425.83	1.00	ppb
Iron	57-1	248266.05	247511.16	252963.36	249580.19	1.18	ppb
Krypton	83-1						cps
Lead	206-1	1.98	1.89	1.86	1.91	3.33	ppb
Lead	207-1	1.98	1.86	1.78	1.87	5.33	ppb
Lead	208-1	2.03	1.82	1.66	1.84	10.14	ppb
Lithium	6-1				99		%
Magnesium	24-1	495256.63	494294.77	510123.05	499891.49	1.78	ppb
Manganese	55-1	6.66	6.72	6.40	6.59	2.57	ppb
Molybdenum	94-1	4.37	3.75	3.44	3.85	12.26	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:24:40	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	3.48	3.31	2.74	3.18	12.18	ppb
Molybdenum	96-1	4.17	3.90	3.40	3.82	10.27	ppb
Molybdenum	97-1	3.86	3.24	2.86	3.32	15.28	ppb
Molybdenum	98-1	3.49	3.12	2.78	3.13	11.42	ppb
Neodymium	150-1						cps
Nickel	60-1	5.63	5.54	5.47	5.55	1.48	ppb
Phosphorus	31-1	3.30	-0.02	1.24	1.50	111.29	ppb
Potassium	39-1	247192.70	249253.67	253018.83	249821.73	1.18	ppb
Rhodium	103-1				96		%
Scandium	45-1				106		%
Selenium	82-1	2.03	0.50	2.39	1.64	61.33	ppb
Selenium	77-1	1.04	0.91	1.09	1.02	9.46	ppb
Selenium	78-1						ppb
Silicon	28-1	69.36	64.59	62.85	65.60	5.14	ppb
Silver	107-1	0.70	0.61	0.62	0.64	7.84	ppb
Silver	109-1	0.63	0.62	0.58	0.61	4.48	ppb
Sodium	23-1	490241.71	496481.47	510084.83	498936.00	2.03	ppb
Strontium	86-1	11.78	10.55	10.16	10.83	7.80	ppb
Strontium	88-1	11.74	10.93	10.25	10.97	6.79	ppb
Sulfur	34-1	-3745.14	-3912.97	-3610.62	-3756.24		ppb
Terbium	159-1				105		%
Thallium	203-1	0.43	0.38	0.35	0.39	10.52	ppb
Thallium	205-1	0.42	0.42	0.33	0.39	12.89	ppb
Tin	118-1	0.98	0.95	0.92	0.95	2.90	ppb
Titanium	47-1	2.53	2.72	2.08	2.45	13.44	ppb
Uranium	238-1	0.25	0.20	0.18	0.21	15.68	ppb
Vanadium	51-1	0.50	0.52	0.47	0.50	5.39	ppb
Yttrium	89-1				105		%
Zinc	66-1	15.43	15.08	14.83	15.11	1.98	ppb
Zirconium	90-1	0.67	0.61	0.55	0.61	10.04	ppb
Zirconium	91-1	0.60	0.63	0.54	0.59	7.95	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:43:55	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	495.56	493.67	504.12	497.78	1.12	ppb
Antimony	121-1	200.14	202.72	201.37	201.41	0.64	ppb
Arsenic	75-1	206.66	205.39	207.69	206.58	0.56	ppb
Barium	135-1	99.54	100.55	98.82	99.64	0.87	ppb
Barium	137-1	99.07	98.96	100.86	99.63	1.07	ppb
Beryllium	9-1	96.08	98.32	98.46	97.62	1.37	ppb
Bismuth	209-1				102		%
Boron	10-1	570.78	605.31	607.37	594.49	3.46	ppb
Boron	11-1	591.29	598.36	596.25	595.30	0.61	ppb
Bromine	81-1						cps
Cadmium	111-1	108.02	109.51	109.45	108.99	0.77	ppb
Cadmium	106-1	168.80	169.96	167.92	168.89	0.61	ppb
Cadmium	108-1	167.27	164.11	165.67	165.68	0.95	ppb
Calcium	43-1	2271.79	2372.25	2297.91	2313.98	2.25	ppb
Calcium	44-1	2195.37	2209.16	2194.00	2199.51	0.38	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	98.96	98.90	100.65	99.50	1.00	ppb
Cobalt	59-1	104.65	105.19	102.88	104.24	1.16	ppb
Copper	63-1	97.74	98.44	99.81	98.66	1.07	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				102		%
Indium	115-1				100		%
Iron	54-1						ppb
Iron	56-1	1995.39	1967.76	1960.60	1974.58	0.93	ppb
Iron	57-1	1970.01	1988.67	1991.46	1983.38	0.59	ppb
Krypton	83-1						cps
Lead	206-1	189.98	193.26	193.27	192.17	0.99	ppb
Lead	207-1	171.14	172.12	174.28	172.51	0.93	ppb
Lead	208-1	199.66	192.71	194.26	195.54	1.87	ppb
Lithium	6-1				99		%
Magnesium	24-1	1157.88	1159.86	1159.58	1159.11	0.09	ppb
Manganese	55-1	102.57	103.01	102.04	102.54	0.47	ppb
Molybdenum	94-1	5104.59	5085.73	5125.69	5105.33	0.39	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:43:55	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	5158.68	5146.33	5212.84	5172.62	0.68	ppb
Molybdenum	96-1	5152.70	5120.05	5208.48	5160.41	0.87	ppb
Molybdenum	97-1	5143.70	5088.20	5256.17	5162.69	1.66	ppb
Molybdenum	98-1	5128.44	5120.82	5182.37	5143.88	0.65	ppb
Neodymium	150-1						cps
Nickel	60-1	100.37	101.38	100.74	100.83	0.51	ppb
Phosphorus	31-1	-8.53	-9.61	-10.18	-9.44		ppb
Potassium	39-1	1932.68	1952.69	1946.50	1943.95	0.53	ppb
Rhodium	103-1				100		%
Scandium	45-1				102		%
Selenium	82-1	210.98	205.65	208.77	208.47	1.28	ppb
Selenium	77-1	217.33	214.83	211.83	214.66	1.28	ppb
Selenium	78-1						ppb
Silicon	28-1	501.27	528.15	530.75	520.06	3.14	ppb
Silver	107-1	50.84	51.17	50.63	50.88	0.53	ppb
Silver	109-1	50.64	50.07	50.11	50.27	0.64	ppb
Sodium	23-1	2077.23	2066.09	2077.90	2073.74	0.32	ppb
Strontium	86-1	483.54	477.89	485.06	482.16	0.78	ppb
Strontium	88-1	490.14	485.11	491.20	488.82	0.67	ppb
Sulfur	34-1	-2502.86	-2693.67	-2923.64	-2706.72		ppb
Terbium	159-1				101		%
Thallium	203-1	189.39	193.96	194.33	192.56	1.43	ppb
Thallium	205-1	208.12	210.57	208.77	209.15	0.61	ppb
Tin	118-1	498.98	491.52	495.01	495.17	0.75	ppb
Titanium	47-1	4908.06	4908.81	4770.08	4862.32	1.64	ppb
Uranium	238-1	458.07	465.73	457.75	460.52	0.98	ppb
Vanadium	51-1	97.27	100.62	97.05	98.32	2.04	ppb
Yttrium	89-1				101		%
Zinc	66-1	195.93	198.16	199.16	197.75	0.83	ppb
Zirconium	90-1	481.03	484.36	483.83	483.07	0.37	ppb
Zirconium	91-1	475.67	475.96	480.82	477.48	0.61	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:46:33	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.73	0.68	0.67	0.69	5.15	ppb
Antimony	121-1	0.13	0.13	0.14	0.14	5.29	ppb
Arsenic	75-1	0.04	0.06	0.00	0.03	93.62	ppb
Barium	135-1	0.01	0.01	0.00	0.00	178.69	ppb
Barium	137-1	0.01	0.03	0.00	0.01	91.22	ppb
Beryllium	9-1	0.03	0.03	0.04	0.03	15.56	ppb
Bismuth	209-1				99		%
Boron	10-1	10.60	9.90	8.67	9.72	10.03	ppb
Boron	11-1	10.49	9.78	9.64	9.97	4.56	ppb
Bromine	81-1						cps
Cadmium	111-1	0.07	0.07	0.08	0.07	11.21	ppb
Cadmium	106-1	0.81	0.75	0.89	0.81	8.72	ppb
Cadmium	108-1	-0.11	0.03	-0.07	-0.05		ppb
Calcium	43-1	7.46	3.43	9.21	6.70	44.28	ppb
Calcium	44-1	12.08	11.51	8.89	10.83	15.73	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	0.01	0.01	0.01	0.01	7.20	ppb
Cobalt	59-1	0.03	0.01	0.02	0.02	41.52	ppb
Copper	63-1	0.13	0.08	0.09	0.10	27.47	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				99		%
Indium	115-1				99		%
Iron	54-1						ppb
Iron	56-1	-18.12	-23.71	-15.60	-19.14		ppb
Iron	57-1	-17.17	-13.84	-10.46	-13.83		ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.07	0.06	0.07	14.74	ppb
Lead	207-1	0.10	0.04	0.04	0.06	55.59	ppb
Lead	208-1	0.07	0.05	0.06	0.06	15.49	ppb
Lithium	6-1				98		%
Magnesium	24-1	1.25	1.16	1.06	1.16	8.11	ppb
Manganese	55-1	0.11	0.06	0.12	0.10	35.45	ppb
Molybdenum	94-1	1.21	0.99	0.87	1.02	16.98	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:46:33	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	1.13	0.97	0.76	0.95	19.65	ppb
Molybdenum	96-1	1.24	0.99	0.93	1.05	15.46	ppb
Molybdenum	97-1	1.18	0.99	0.81	0.99	18.49	ppb
Molybdenum	98-1	1.17	0.98	0.91	1.02	13.09	ppb
Neodymium	150-1						cps
Nickel	60-1	0.05	0.02	0.02	0.03	61.83	ppb
Phosphorus	31-1	-7.15	-7.44	-7.00	-7.20		ppb
Potassium	39-1	10.10	2.57	13.05	8.57	63.02	ppb
Rhodium	103-1				98		%
Scandium	45-1				98		%
Selenium	82-1	0.85	0.46	0.64	0.65	29.95	ppb
Selenium	77-1	0.51	0.60	0.01	0.37	86.01	ppb
Selenium	78-1						ppb
Silicon	28-1	22.65	15.59	13.62	17.29	27.46	ppb
Silver	107-1	0.07	0.10	0.06	0.07	26.70	ppb
Silver	109-1	0.07	0.07	0.05	0.06	15.37	ppb
Sodium	23-1	22.48	20.74	21.33	21.52	4.11	ppb
Strontium	86-1	0.05	0.07	0.07	0.06	20.76	ppb
Strontium	88-1	0.12	0.11	0.09	0.11	14.19	ppb
Sulfur	34-1	-2234.19	-2358.15	-1885.13	-2159.16		ppb
Terbium	159-1				100		%
Thallium	203-1	0.15	0.14	0.13	0.14	6.85	ppb
Thallium	205-1	0.16	0.13	0.13	0.14	12.33	ppb
Tin	118-1	0.19	0.20	0.11	0.17	28.25	ppb
Titanium	47-1	0.84	0.65	0.80	0.76	13.33	ppb
Uranium	238-1	0.08	0.06	0.07	0.07	11.93	ppb
Vanadium	51-1	0.02	0.02	0.02	0.02	24.09	ppb
Yttrium	89-1				99		%
Zinc	66-1	0.28	0.19	0.13	0.20	36.91	ppb
Zirconium	90-1	0.09	0.08	0.07	0.08	14.55	ppb
Zirconium	91-1	0.10	0.08	0.09	0.09	10.25	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:49:13	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	97276.63	97771.48	96067.17	97038.43	0.90	ppb
Antimony	121-1	1.16	1.25	1.12	1.18	5.86	ppb
Arsenic	75-1	1.51	1.76	2.23	1.83	19.78	ppb
Barium	135-1	1.29	1.36	1.49	1.38	7.05	ppb
Barium	137-1	1.34	1.39	1.37	1.36	1.83	ppb
Beryllium	9-1	0.34	0.26	0.29	0.30	14.50	ppb
Bismuth	209-1				99		%
Boron	10-1	7.61	7.59	7.80	7.67	1.52	ppb
Boron	11-1	7.82	7.72	8.11	7.89	2.59	ppb
Bromine	81-1						cps
Cadmium	111-1	0.74	0.25	0.43	0.48	51.73	ppb
Cadmium	106-1	3.69	-1.51	-0.07	0.70	381.77	ppb
Cadmium	108-1	11.83	11.50	11.54	11.62	1.54	ppb
Calcium	43-1	100428.01	98873.11	101542.64	100281.25	1.34	ppb
Calcium	44-1	98918.46	99887.71	101512.89	100106.35	1.31	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	19.28	19.36	19.54	19.39	0.68	ppb
Cobalt	59-1	1.21	1.22	1.17	1.20	2.00	ppb
Copper	63-1	8.32	8.31	8.51	8.38	1.31	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				105		%
Indium	115-1				98		%
Iron	54-1						ppb
Iron	56-1	99645.43	96081.46	101029.89	98918.93	2.58	ppb
Iron	57-1	99045.40	102356.01	101069.93	100823.78	1.66	ppb
Krypton	83-1						cps
Lead	206-1	7.08	7.21	6.97	7.09	1.72	ppb
Lead	207-1	6.32	6.73	6.01	6.35	5.65	ppb
Lead	208-1	5.97	6.28	5.69	5.98	4.92	ppb
Lithium	6-1				99		%
Magnesium	24-1	96338.38	97786.06	96627.74	96917.39	0.79	ppb
Manganese	55-1	7.41	7.11	7.48	7.33	2.69	ppb
Molybdenum	94-1	1543.68	1578.96	1614.13	1578.92	2.23	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:49:13	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	1891.54	1917.57	1980.13	1929.75	2.36	ppb
Molybdenum	96-1	1840.77	1875.92	1923.02	1879.90	2.20	ppb
Molybdenum	97-1	1916.16	1938.84	1976.25	1943.75	1.56	ppb
Molybdenum	98-1	1883.37	1925.68	1938.98	1916.01	1.52	ppb
Neodymium	150-1						cps
Nickel	60-1	5.37	5.29	5.41	5.36	1.23	ppb
Phosphorus	31-1	98660.97	98337.34	98274.74	98424.35	0.21	ppb
Potassium	39-1	99395.14	98644.24	98924.83	98988.07	0.38	ppb
Rhodium	103-1				96		%
Scandium	45-1				100		%
Selenium	82-1	0.44	1.66	0.44	0.85	83.00	ppb
Selenium	77-1	4.97	6.06	7.79	6.27	22.69	ppb
Selenium	78-1						ppb
Silicon	28-1	27.83	24.96	26.43	26.40	5.42	ppb
Silver	107-1	0.14	0.14	0.09	0.12	22.04	ppb
Silver	109-1	0.17	0.12	0.11	0.13	22.00	ppb
Sodium	23-1	103394.22	102409.01	102546.57	102783.27	0.52	ppb
Strontium	86-1	31.93	32.39	33.55	32.62	2.56	ppb
Strontium	88-1	32.86	33.45	33.64	33.32	1.22	ppb
Sulfur	34-1	97098.23	99091.54	97117.61	97769.13	1.17	ppb
Terbium	159-1				103		%
Thallium	203-1	0.24	0.22	0.23	0.23	4.74	ppb
Thallium	205-1	0.26	0.26	0.27	0.26	2.88	ppb
Tin	118-1	0.15	0.17	0.19	0.17	14.42	ppb
Titanium	47-1	1993.49	2007.38	2024.70	2008.52	0.78	ppb
Uranium	238-1	0.02	0.03	0.02	0.02	17.05	ppb
Vanadium	51-1	0.22	0.22	0.26	0.23	8.82	ppb
Yttrium	89-1				101		%
Zinc	66-1	11.57	11.69	11.81	11.69	1.03	ppb
Zirconium	90-1	0.02	0.04	0.04	0.04	28.12	ppb
Zirconium	91-1	0.04	0.06	0.04	0.05	19.11	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:54:53	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	93425.09	96991.22	97575.84	95997.38	2.34	ppb
Antimony	121-1	20.73	21.36	21.28	21.13	1.63	ppb
Arsenic	75-1	20.91	22.06	21.94	21.64	2.90	ppb
Barium	135-1	20.65	20.55	20.60	20.60	0.25	ppb
Barium	137-1	20.97	21.29	21.34	21.20	0.94	ppb
Beryllium	9-1	19.71	19.40	19.63	19.58	0.82	ppb
Bismuth	209-1				101		%
Boron	10-1	50.57	52.94	57.10	53.54	6.17	ppb
Boron	11-1	51.18	54.99	56.26	54.14	4.88	ppb
Bromine	81-1						cps
Cadmium	111-1	20.37	19.94	20.21	20.17	1.08	ppb
Cadmium	106-1	24.37	22.79	23.78	23.64	3.39	ppb
Cadmium	108-1	30.80	33.25	30.68	31.58	4.60	ppb
Calcium	43-1	95548.13	99671.17	102588.57	99269.29	3.56	ppb
Calcium	44-1	96829.98	101120.71	100885.39	99612.03	2.42	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	37.28	39.10	39.03	38.47	2.67	ppb
Cobalt	59-1	20.06	20.72	20.62	20.47	1.74	ppb
Copper	63-1	26.33	27.18	27.33	26.95	2.00	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				107		%
Indium	115-1				101		%
Iron	54-1						ppb
Iron	56-1	96689.58	101420.89	101929.34	100013.27	2.89	ppb
Iron	57-1	96516.98	101270.01	102336.84	100041.28	3.10	ppb
Krypton	83-1						cps
Lead	206-1	25.60	24.68	24.31	24.86	2.67	ppb
Lead	207-1	23.28	22.40	21.84	22.51	3.22	ppb
Lead	208-1	21.60	21.61	20.73	21.31	2.38	ppb
Lithium	6-1				100		%
Magnesium	24-1	94435.61	97301.20	97192.94	96309.92	1.69	ppb
Manganese	55-1	25.89	27.21	27.00	26.70	2.66	ppb
Molybdenum	94-1	1644.49	1753.65	1716.66	1704.94	3.26	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:54:53	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	1898.79	2018.17	1960.29	1959.08	3.05	ppb
Molybdenum	96-1	1850.37	1943.99	1915.85	1903.41	2.52	ppb
Molybdenum	97-1	1902.26	1974.13	1969.17	1948.52	2.06	ppb
Molybdenum	98-1	1913.49	2009.25	1976.11	1966.28	2.47	ppb
Neodymium	150-1						cps
Nickel	60-1	23.73	24.58	24.91	24.41	2.49	ppb
Phosphorus	31-1	97474.70	99105.00	98914.14	98497.94	0.90	ppb
Potassium	39-1	96133.06	99371.25	99836.97	98447.09	2.05	ppb
Rhodium	103-1				98		%
Scandium	45-1				103		%
Selenium	82-1	18.91	21.29	19.47	19.89	6.25	ppb
Selenium	77-1	24.95	27.25	25.76	25.98	4.49	ppb
Selenium	78-1						ppb
Silicon	28-1	61.46	64.55	63.68	63.23	2.52	ppb
Silver	107-1	18.50	18.83	18.67	18.67	0.89	ppb
Silver	109-1	18.42	18.40	18.60	18.47	0.61	ppb
Sodium	23-1	100468.74	101830.04	104037.50	102112.09	1.76	ppb
Strontium	86-1	80.35	85.49	81.50	82.45	3.27	ppb
Strontium	88-1	83.08	87.28	86.88	85.75	2.70	ppb
Sulfur	34-1	94551.16	98187.84	99047.43	97262.14	2.45	ppb
Terbium	159-1				105		%
Thallium	203-1	18.70	18.89	19.06	18.88	0.96	ppb
Thallium	205-1	18.87	18.94	19.09	18.97	0.58	ppb
Tin	118-1	48.88	50.41	49.54	49.61	1.55	ppb
Titanium	47-1	1999.72	2030.55	2085.00	2038.42	2.12	ppb
Uranium	238-1	44.45	45.70	45.33	45.16	1.42	ppb
Vanadium	51-1	18.34	19.32	19.17	18.94	2.78	ppb
Yttrium	89-1				104		%
Zinc	66-1	30.28	31.33	31.30	30.97	1.93	ppb
Zirconium	90-1	48.24	50.69	50.08	49.67	2.57	ppb
Zirconium	91-1	48.46	50.89	50.04	49.80	2.47	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:59:00	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	49488.45	50798.90	49666.09	49984.48	1.42	ppb
Antimony	121-1	501.10	506.81	498.83	502.25	0.82	ppb
Arsenic	75-1	473.80	474.01	478.43	475.41	0.55	ppb
Barium	135-1	2469.10	2512.73	2477.43	2486.42	0.93	ppb
Barium	137-1	2476.13	2500.35	2449.41	2475.29	1.03	ppb
Beryllium	9-1	488.70	488.20	475.70	484.20	1.52	ppb
Bismuth	209-1				101		%
Boron	10-1	479.04	492.62	509.28	493.64	3.07	ppb
Boron	11-1	468.36	490.52	499.04	485.97	3.26	ppb
Bromine	81-1						cps
Cadmium	111-1	496.76	500.53	503.84	500.38	0.71	ppb
Cadmium	106-1	500.04	496.97	510.42	502.48	1.40	ppb
Cadmium	108-1	498.78	506.42	493.59	499.59	1.29	ppb
Calcium	43-1	251672.98	256053.96	256273.69	254666.88	1.02	ppb
Calcium	44-1	248793.01	252398.71	253422.36	251538.03	0.97	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	492.67	499.57	492.52	494.92	0.81	ppb
Cobalt	59-1	498.46	507.83	494.94	500.41	1.33	ppb
Copper	63-1	4956.60	5064.22	5033.43	5018.09	1.10	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				107		%
Indium	115-1				99		%
Iron	54-1						ppb
Iron	56-1	124872.90	128605.33	124712.62	126063.62	1.75	ppb
Iron	57-1	125838.74	130012.58	126425.61	127425.64	1.77	ppb
Krypton	83-1						cps
Lead	206-1	2521.61	2494.52	2537.28	2517.80	0.86	ppb
Lead	207-1	2509.58	2504.66	2526.80	2513.68	0.46	ppb
Lead	208-1	2517.63	2523.18	2519.04	2519.95	0.11	ppb
Lithium	6-1				99		%
Magnesium	24-1	248401.80	249325.67	249834.44	249187.31	0.29	ppb
Manganese	55-1	4935.97	5003.95	4940.86	4960.26	0.76	ppb
Molybdenum	94-1	4972.38	4951.68	5086.84	5003.63	1.45	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:59:00	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	5026.77	4993.51	5124.70	5048.33	1.35	ppb
Molybdenum	96-1	5000.72	4977.64	5043.64	5007.34	0.67	ppb
Molybdenum	97-1	4990.40	4946.36	5008.56	4981.77	0.64	ppb
Molybdenum	98-1	4954.51	4920.18	5036.27	4970.32	1.20	ppb
Neodymium	150-1						cps
Nickel	60-1	527.78	523.58	522.92	524.76	0.50	ppb
Phosphorus	31-1	9898.91	10059.90	9941.02	9966.61	0.84	ppb
Potassium	39-1	124474.34	127115.67	125469.06	125686.36	1.06	ppb
Rhodium	103-1				96		%
Scandium	45-1				102		%
Selenium	82-1	516.44	508.29	516.43	513.72	0.92	ppb
Selenium	77-1	526.44	523.31	524.26	524.67	0.31	ppb
Selenium	78-1						ppb
Silicon	28-1	482.41	501.36	502.26	495.35	2.26	ppb
Silver	107-1	506.19	507.44	505.23	506.29	0.22	ppb
Silver	109-1	505.92	505.56	508.16	506.55	0.28	ppb
Sodium	23-1	251448.89	260188.34	260296.01	257311.08	1.97	ppb
Strontium	86-1	12453.97	12495.39	12626.22	12525.19	0.72	ppb
Strontium	88-1	12455.28	12456.40	12704.87	12538.85	1.15	ppb
Sulfur	34-1	7113.52	6743.60	5899.40	6585.51	9.45	ppb
Terbium	159-1				105		%
Thallium	203-1	518.18	487.21	505.96	503.78	3.10	ppb
Thallium	205-1	510.54	492.32	506.32	503.06	1.90	ppb
Tin	118-1	496.61	506.36	507.37	503.44	1.18	ppb
Titanium	47-1	4974.88	5032.10	5002.56	5003.18	0.57	ppb
Uranium	238-1	514.17	502.66	511.94	509.59	1.20	ppb
Vanadium	51-1	503.42	498.48	498.96	500.29	0.54	ppb
Yttrium	89-1				104		%
Zinc	66-1	5045.71	5143.44	5064.20	5084.45	1.02	ppb
Zirconium	90-1	499.58	507.40	510.35	505.77	1.10	ppb
Zirconium	91-1	483.59	485.15	511.72	493.49	3.20	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:04:40	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	1.52	1.49	1.48	1.49	1.44	ppb
Antimony	121-1	0.08	0.10	0.12	0.10	16.26	ppb
Arsenic	75-1	-0.06	-0.04	0.09	0.00		ppb
Barium	135-1	0.04	0.00	0.04	0.02	101.60	ppb
Barium	137-1	0.03	0.06	0.06	0.05	42.11	ppb
Beryllium	9-1	0.02	0.01	0.03	0.02	56.68	ppb
Bismuth	209-1				98		%
Boron	10-1	9.45	9.52	7.22	8.73	14.95	ppb
Boron	11-1	9.86	8.78	7.46	8.70	13.85	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.09	-0.10	0.06	-0.05		ppb
Cadmium	106-1	-1.39	-1.49	0.54	-0.78		ppb
Cadmium	108-1	0.01	0.00	-0.04	-0.01		ppb
Calcium	43-1	3.37	5.78	11.61	6.92	61.25	ppb
Calcium	44-1	22.63	14.81	13.94	17.13	27.94	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	0.18	0.03	0.04	0.08	99.56	ppb
Cobalt	59-1	0.02	0.00	0.01	0.01	95.68	ppb
Copper	63-1	0.23	0.20	0.19	0.21	10.61	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				99		%
Indium	115-1				95		%
Iron	54-1						ppb
Iron	56-1	33.22	-3.11	-5.80	8.10	268.95	ppb
Iron	57-1	9.42	-22.45	-16.24	-9.76		ppb
Krypton	83-1						cps
Lead	206-1	0.26	0.25	0.28	0.26	5.18	ppb
Lead	207-1	0.29	0.23	0.26	0.26	11.37	ppb
Lead	208-1	0.31	0.25	0.22	0.26	16.29	ppb
Lithium	6-1				96		%
Magnesium	24-1	4.70	4.63	4.30	4.55	4.71	ppb
Manganese	55-1	0.33	0.20	0.14	0.22	44.09	ppb
Molybdenum	94-1	0.13	0.14	0.16	0.14	9.97	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:04:40	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	0.19	0.22	0.14	0.18	23.65	ppb
Molybdenum	96-1	0.20	0.15	0.13	0.16	22.40	ppb
Molybdenum	97-1	0.13	0.12	0.13	0.13	4.32	ppb
Molybdenum	98-1	0.16	0.13	0.14	0.14	9.85	ppb
Neodymium	150-1						cps
Nickel	60-1	0.02	0.01	0.01	0.01	16.90	ppb
Phosphorus	31-1	-2.03	-7.20	-6.23	-5.15		ppb
Potassium	39-1	106.58	37.14	29.52	57.75	73.53	ppb
Rhodium	103-1				94		%
Scandium	45-1				94		%
Selenium	82-1	-0.28	-0.18	0.05	-0.14		ppb
Selenium	77-1	0.40	0.11	0.10	0.20	83.40	ppb
Selenium	78-1						ppb
Silicon	28-1	14.13	4.37	1.79	6.76	96.26	ppb
Silver	107-1	0.04	0.03	0.04	0.04	8.43	ppb
Silver	109-1	0.05	0.04	0.03	0.04	17.50	ppb
Sodium	23-1	49.68	39.46	37.97	42.37	15.05	ppb
Strontium	86-1	0.24	0.05	0.21	0.17	60.38	ppb
Strontium	88-1	0.19	0.16	0.17	0.17	9.04	ppb
Sulfur	34-1	314.18	-1704.61	-1746.63	-1045.69		ppb
Terbium	159-1				97		%
Thallium	203-1	0.43	0.35	0.42	0.40	10.21	ppb
Thallium	205-1	0.42	0.39	0.34	0.39	10.12	ppb
Tin	118-1	0.12	0.04	0.08	0.08	46.35	ppb
Titanium	47-1	-0.08	0.00	0.01	-0.02		ppb
Uranium	238-1	0.01	0.01	0.01	0.01	17.02	ppb
Vanadium	51-1	0.02	0.01	0.01	0.01	38.16	ppb
Yttrium	89-1				94		%
Zinc	66-1	0.22	0.17	0.12	0.17	30.72	ppb
Zirconium	90-1	0.03	0.01	0.00	0.01	81.10	ppb
Zirconium	91-1	0.01	0.02	0.00	0.01	89.33	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:10:16	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	19.68	17.98	18.01	18.55	5.23	ppb
Antimony	121-1	1.68	1.88	1.71	1.75	6.35	ppb
Arsenic	75-1	0.76	1.01	0.88	0.88	13.72	ppb
Barium	135-1	8.71	8.65	8.36	8.57	2.18	ppb
Barium	137-1	9.03	8.60	8.53	8.72	3.13	ppb
Beryllium	9-1	0.85	0.82	0.97	0.88	9.06	ppb
Bismuth	209-1				97		%
Boron	10-1	25.92	23.50	23.78	24.40	5.43	ppb
Boron	11-1	22.60	24.56	24.65	23.94	4.84	ppb
Bromine	81-1						cps
Cadmium	111-1	1.02	1.13	1.05	1.06	5.31	ppb
Cadmium	106-1	1.54	2.95	3.42	2.64	36.98	ppb
Cadmium	108-1	0.82	0.92	0.75	0.83	10.57	ppb
Calcium	43-1	465.68	426.38	467.71	453.26	5.14	ppb
Calcium	44-1	482.69	464.30	480.37	475.79	2.11	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	1.82	1.75	1.78	1.78	1.93	ppb
Cobalt	59-1	0.88	0.94	0.90	0.90	3.84	ppb
Copper	63-1	2.01	1.93	1.92	1.95	2.42	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				99		%
Indium	115-1				96		%
Iron	54-1						ppb
Iron	56-1	61.38	47.61	51.75	53.58	13.18	ppb
Iron	57-1	49.54	35.51	40.48	41.84	17.00	ppb
Krypton	83-1						cps
Lead	206-1	0.97	1.01	0.92	0.97	4.91	ppb
Lead	207-1	0.90	0.89	0.87	0.89	2.07	ppb
Lead	208-1	0.85	0.82	0.78	0.82	4.21	ppb
Lithium	6-1				96		%
Magnesium	24-1	456.04	450.80	452.42	453.09	0.59	ppb
Manganese	55-1	1.10	1.03	1.06	1.06	3.20	ppb
Molybdenum	94-1	5.30	5.29	5.18	5.26	1.29	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:10:16	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	4.39	4.66	4.40	4.48	3.38	ppb
Molybdenum	96-1	4.54	4.57	4.42	4.51	1.83	ppb
Molybdenum	97-1	4.89	4.56	4.69	4.71	3.52	ppb
Molybdenum	98-1	4.56	4.56	4.41	4.51	1.93	ppb
Neodymium	150-1						cps
Nickel	60-1	0.90	0.87	0.84	0.87	3.54	ppb
Phosphorus	31-1	9.92	7.70	9.01	8.88	12.56	ppb
Potassium	39-1	510.03	470.54	475.86	485.47	4.41	ppb
Rhodium	103-1				95		%
Scandium	45-1				96		%
Selenium	82-1	4.70	4.95	5.05	4.90	3.69	ppb
Selenium	77-1	4.42	5.05	5.02	4.83	7.31	ppb
Selenium	78-1						ppb
Silicon	28-1	12.21	7.35	7.17	8.91	32.07	ppb
Silver	107-1	0.76	0.92	0.85	0.84	9.28	ppb
Silver	109-1	0.84	0.93	0.86	0.88	5.28	ppb
Sodium	23-1	497.04	480.40	484.62	487.36	1.78	ppb
Strontium	86-1	0.97	0.94	0.89	0.93	3.97	ppb
Strontium	88-1	1.05	0.92	0.93	0.96	7.44	ppb
Sulfur	34-1	-147.99	-814.54	-965.26	-642.60		ppb
Terbium	159-1				97		%
Thallium	203-1	1.17	1.18	1.09	1.15	4.10	ppb
Thallium	205-1	1.21	1.11	1.14	1.15	4.84	ppb
Tin	118-1	4.41	4.55	4.03	4.33	6.27	ppb
Titanium	47-1	4.35	4.12	4.20	4.22	2.86	ppb
Uranium	238-1	0.77	0.76	0.73	0.75	2.30	ppb
Vanadium	51-1	4.35	4.38	4.45	4.39	1.14	ppb
Yttrium	89-1				96		%
Zinc	66-1	2.18	2.05	2.13	2.12	3.17	ppb
Zirconium	90-1	0.87	0.86	0.79	0.84	4.87	ppb
Zirconium	91-1	0.91	0.81	0.86	0.86	5.79	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	N3734-03	Instrumnet Name :	P7
Client Sample ID :	WS-MINERALS-MIX-1	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:12:55	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	6.57	6.63	7.12	6.77	4.45	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	9.86	ppb
Arsenic	75-1	-0.09	0.05	-0.02	-0.02		ppb
Barium	135-1	0.07	0.06	0.09	0.07	20.87	ppb
Barium	137-1	0.05	0.08	0.05	0.06	26.02	ppb
Beryllium	9-1	0.01	0.00	-0.01	0.00	3650.54	ppb
Bismuth	209-1				102		%
Boron	10-1	30.99	34.08	34.95	33.34	6.23	ppb
Boron	11-1	31.24	35.27	37.10	34.54	8.68	ppb
Bromine	81-1						cps
Cadmium	111-1	0.12	0.08	0.06	0.09	38.17	ppb
Cadmium	106-1	1.60	1.11	0.58	1.10	46.49	ppb
Cadmium	108-1	0.07	-0.04	-0.01	0.01	762.38	ppb
Calcium	43-1	8.61	3.64	14.39	8.88	60.55	ppb
Calcium	44-1	15.74	15.08	14.49	15.10	4.13	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	-0.01	-0.02	-0.04	-0.02		ppb
Cobalt	59-1	0.01	0.01	0.01	0.01	15.05	ppb
Copper	63-1	0.33	0.34	0.33	0.33	2.29	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				103		%
Indium	115-1				101		%
Iron	54-1						ppb
Iron	56-1	-17.84	-18.73	-21.95	-19.51		ppb
Iron	57-1	-16.84	-17.76	-20.15	-18.25		ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.14	0.17	0.15	12.06	ppb
Lead	207-1	0.14	0.15	0.14	0.14	3.65	ppb
Lead	208-1	0.10	0.15	0.14	0.13	21.91	ppb
Lithium	6-1				97		%
Magnesium	24-1	2.41	2.26	2.63	2.43	7.48	ppb
Manganese	55-1	0.16	0.13	0.16	0.15	13.30	ppb
Molybdenum	94-1	0.07	0.11	0.30	0.16	73.80	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	N3734-03	Instrumnet Name :	P7
Client Sample ID :	WS-MINERALS-MIX-1	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:12:55	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	0.07	0.05	0.21	0.11	78.00	ppb
Molybdenum	96-1	0.05	0.05	0.20	0.10	83.44	ppb
Molybdenum	97-1	0.06	0.05	0.14	0.08	61.80	ppb
Molybdenum	98-1	0.06	0.05	0.21	0.11	81.77	ppb
Neodymium	150-1						cps
Nickel	60-1	0.06	0.04	0.05	0.05	24.85	ppb
Phosphorus	31-1	-6.59	-6.22	-8.58	-7.13		ppb
Potassium	39-1	33149.19	33464.33	33193.44	33268.99	0.51	ppb
Rhodium	103-1				100		%
Scandium	45-1				101		%
Selenium	82-1	0.74	0.07	0.17	0.32	111.71	ppb
Selenium	77-1	0.29	0.09	-0.10	0.09	215.17	ppb
Selenium	78-1						ppb
Silicon	28-1	199.14	199.51	198.41	199.02	0.28	ppb
Silver	107-1	0.02	0.03	0.02	0.03	16.58	ppb
Silver	109-1	0.02	0.02	0.02	0.02	14.61	ppb
Sodium	23-1	20996.20	20978.32	21316.37	21096.96	0.90	ppb
Strontium	86-1	0.03	0.13	0.64	0.27	121.22	ppb
Strontium	88-1	0.14	0.14	0.57	0.28	87.00	ppb
Sulfur	34-1	-1378.70	-1383.75	-1751.73	-1504.73		ppb
Terbium	159-1				101		%
Thallium	203-1	0.33	0.30	0.35	0.33	8.94	ppb
Thallium	205-1	0.33	0.36	0.36	0.35	5.05	ppb
Tin	118-1	0.10	0.11	0.12	0.11	11.80	ppb
Titanium	47-1	0.04	0.02	0.09	0.05	69.60	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	19.43	ppb
Vanadium	51-1	0.02	0.01	0.01	0.01	30.95	ppb
Yttrium	89-1				101		%
Zinc	66-1	0.17	0.15	0.20	0.17	15.61	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	29.61	ppb
Zirconium	91-1	0.03	0.02	0.04	0.03	22.58	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	N3734-05	Instrumnet Name :	P7
Client Sample ID :	WS-TRACE-ELEMENTS	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:15:32	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	6.77	6.52	6.79	6.70	2.25	ppb
Antimony	121-1	38.85	40.27	40.35	39.82	2.11	ppb
Arsenic	75-1	34.50	35.65	35.96	35.37	2.17	ppb
Barium	135-1	861.99	882.82	896.39	880.40	1.97	ppb
Barium	137-1	896.45	928.47	922.44	915.79	1.86	ppb
Beryllium	9-1	16.41	17.53	16.67	16.87	3.48	ppb
Bismuth	209-1				101		%
Boron	10-1	19.10	24.97	22.32	22.13	13.27	ppb
Boron	11-1	21.09	21.65	21.84	21.52	1.82	ppb
Bromine	81-1						cps
Cadmium	111-1	34.65	36.18	36.88	35.90	3.18	ppb
Cadmium	106-1	29.77	36.01	33.65	33.14	9.51	ppb
Cadmium	108-1	29.21	30.25	33.19	30.88	6.67	ppb
Calcium	43-1	11.72	7.68	6.82	8.74	29.92	ppb
Calcium	44-1	15.18	13.72	15.49	14.80	6.38	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	39.09	40.06	39.35	39.50	1.28	ppb
Cobalt	59-1	0.01	0.02	0.01	0.01	37.17	ppb
Copper	63-1	633.17	638.39	632.19	634.59	0.53	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				102		%
Indium	115-1				101		%
Iron	54-1						ppb
Iron	56-1	-11.71	-10.95	-11.25	-11.30		ppb
Iron	57-1	-12.88	-11.87	-11.27	-12.01		ppb
Krypton	83-1						cps
Lead	206-1	49.83	50.75	50.69	50.42	1.01	ppb
Lead	207-1	47.06	48.67	48.45	48.06	1.81	ppb
Lead	208-1	46.11	47.54	48.04	47.23	2.12	ppb
Lithium	6-1				97		%
Magnesium	24-1	1.91	1.79	1.68	1.79	6.38	ppb
Manganese	55-1	0.14	0.13	0.17	0.15	13.89	ppb
Molybdenum	94-1	0.16	0.26	0.23	0.22	22.95	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	N3734-05	Instrumnet Name :	P7
Client Sample ID :	WS-TRACE-ELEMENTS	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:15:32	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	0.04	0.03	0.03	0.03	16.66	ppb
Molybdenum	96-1	0.04	0.04	0.06	0.05	25.94	ppb
Molybdenum	97-1	0.02	0.04	0.02	0.03	51.14	ppb
Molybdenum	98-1	0.04	0.04	0.04	0.04	0.91	ppb
Neodymium	150-1						cps
Nickel	60-1	85.41	87.17	85.68	86.08	1.10	ppb
Phosphorus	31-1	-8.21	-6.88	-7.00	-7.36		ppb
Potassium	39-1	30.94	23.28	19.56	24.59	23.60	ppb
Rhodium	103-1				100		%
Scandium	45-1				100		%
Selenium	82-1	67.84	68.20	71.98	69.34	3.31	ppb
Selenium	77-1	68.04	68.80	73.05	69.96	3.86	ppb
Selenium	78-1						ppb
Silicon	28-1	66.18	66.92	66.16	66.42	0.66	ppb
Silver	107-1	0.01	0.02	0.01	0.02	41.71	ppb
Silver	109-1	0.01	0.02	0.01	0.02	28.77	ppb
Sodium	23-1	44.87	43.35	42.13	43.45	3.15	ppb
Strontium	86-1	0.08	0.03	-0.02	0.03	179.62	ppb
Strontium	88-1	0.08	0.08	0.08	0.08	3.09	ppb
Sulfur	34-1	-1263.11	-1380.39	-1361.62	-1335.04		ppb
Terbium	159-1				100		%
Thallium	203-1	7.90	8.09	8.24	8.08	2.11	ppb
Thallium	205-1	7.75	8.22	8.07	8.01	3.03	ppb
Tin	118-1	0.10	0.04	0.13	0.09	49.39	ppb
Titanium	47-1	0.03	-0.05	0.04	0.01	641.52	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	33.99	ppb
Vanadium	51-1	0.01	0.01	0.01	0.01	27.87	ppb
Yttrium	89-1				100		%
Zinc	66-1	0.53	0.51	0.53	0.52	2.79	ppb
Zirconium	90-1	0.09	0.10	0.06	0.08	20.09	ppb
Zirconium	91-1	0.06	0.10	0.13	0.10	32.79	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	N3734-06	Instrumnet Name :	P7
Client Sample ID :	WS-TRACE-ELEMENTS	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:18:11	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	13.69	13.74	13.62	13.69	0.46	ppb
Antimony	121-1	0.05	0.07	0.05	0.05	19.46	ppb
Arsenic	75-1	0.02	-0.03	0.08	0.03	225.34	ppb
Barium	135-1	0.21	0.17	0.16	0.18	13.79	ppb
Barium	137-1	0.23	0.21	0.18	0.21	13.61	ppb
Beryllium	9-1	0.02	0.01	0.02	0.02	24.54	ppb
Bismuth	209-1				100		%
Boron	10-1	1294.10	1409.05	1433.02	1378.72	5.39	ppb
Boron	11-1	1299.56	1404.66	1489.87	1398.03	6.82	ppb
Bromine	81-1						cps
Cadmium	111-1	0.07	0.10	0.25	0.14	68.88	ppb
Cadmium	106-1	1.04	0.85	2.58	1.49	63.67	ppb
Cadmium	108-1	1.14	0.97	0.56	0.89	33.70	ppb
Calcium	43-1	11.01	8.21	3.56	7.59	49.55	ppb
Calcium	44-1	14.71	14.06	12.84	13.87	6.84	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	-0.04	0.01	0.01	-0.01		ppb
Cobalt	59-1	0.05	0.05	0.04	0.05	3.53	ppb
Copper	63-1	0.24	0.24	0.23	0.24	1.57	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				101		%
Indium	115-1				100		%
Iron	54-1						ppb
Iron	56-1	-0.69	-8.70	-8.64	-6.01		ppb
Iron	57-1	-10.16	-9.92	-12.59	-10.89		ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.15	0.16	0.16	1.97	ppb
Lead	207-1	0.16	0.14	0.11	0.14	16.55	ppb
Lead	208-1	0.14	0.18	0.11	0.14	25.47	ppb
Lithium	6-1				95		%
Magnesium	24-1	1.32	1.34	1.30	1.32	1.67	ppb
Manganese	55-1	919.41	932.05	926.67	926.04	0.69	ppb
Molybdenum	94-1	78.68	79.35	78.71	78.91	0.48	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	N3734-06	Instrumnet Name :	P7
Client Sample ID :	WS-TRACE-ELEMENTS	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:18:11	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	94.61	97.22	97.05	96.29	1.52	ppb
Molybdenum	96-1	91.22	95.65	93.24	93.37	2.37	ppb
Molybdenum	97-1	96.00	97.17	94.65	95.94	1.31	ppb
Molybdenum	98-1	94.33	97.05	95.59	95.66	1.42	ppb
Neodymium	150-1						cps
Nickel	60-1	0.06	0.05	0.07	0.06	17.25	ppb
Phosphorus	31-1	-5.98	-8.23	-8.08	-7.43		ppb
Potassium	39-1	19.41	12.04	8.82	13.42	40.42	ppb
Rhodium	103-1				101		%
Scandium	45-1				100		%
Selenium	82-1	0.55	0.16	-0.27	0.15	280.29	ppb
Selenium	77-1	0.29	0.40	0.38	0.35	16.69	ppb
Selenium	78-1						ppb
Silicon	28-1	271.65	267.22	266.24	268.37	1.07	ppb
Silver	107-1	0.06	0.06	0.08	0.07	18.15	ppb
Silver	109-1	0.06	0.06	0.04	0.05	22.23	ppb
Sodium	23-1	56.17	54.84	54.96	55.32	1.33	ppb
Strontium	86-1	0.05	0.02	0.05	0.04	38.68	ppb
Strontium	88-1	0.06	0.07	0.06	0.06	6.93	ppb
Sulfur	34-1	-1036.28	-1399.28	-1610.86	-1348.81		ppb
Terbium	159-1				99		%
Thallium	203-1	0.23	0.22	0.24	0.23	4.30	ppb
Thallium	205-1	0.24	0.22	0.24	0.23	4.08	ppb
Tin	118-1	0.04	0.17	0.12	0.11	57.01	ppb
Titanium	47-1	0.14	0.08	0.12	0.11	29.27	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	85.91	ppb
Vanadium	51-1	0.02	0.01	0.01	0.01	40.89	ppb
Yttrium	89-1				101		%
Zinc	66-1	1202.13	1210.31	1184.29	1198.91	1.11	ppb
Zirconium	90-1	0.27	0.29	0.29	0.28	3.06	ppb
Zirconium	91-1	0.28	0.31	0.29	0.29	5.76	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	N3734-07	Instrumnet Name :	P7
Client Sample ID :	WS-TRACE-ELEMENTS	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:20:48	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	590.54	591.74	587.85	590.05	0.34	ppb
Antimony	121-1	0.04	0.03	0.04	0.04	10.34	ppb
Arsenic	75-1	0.06	-0.03	-0.04	0.00		ppb
Barium	135-1	0.03	0.04	0.11	0.06	78.33	ppb
Barium	137-1	0.08	0.06	0.08	0.07	19.34	ppb
Beryllium	9-1	0.01	0.00	0.00	0.01	118.07	ppb
Bismuth	209-1				99		%
Boron	10-1	99.87	88.85	84.90	91.20	8.51	ppb
Boron	11-1	97.02	90.43	81.81	89.75	8.50	ppb
Bromine	81-1						cps
Cadmium	111-1	0.09	0.07	-0.02	0.04	129.24	ppb
Cadmium	106-1	1.10	0.88	-0.36	0.54	145.53	ppb
Cadmium	108-1	-0.07	0.00	0.00	-0.02		ppb
Calcium	43-1	12.69	3.17	6.78	7.55	63.69	ppb
Calcium	44-1	9.34	15.17	10.49	11.67	26.47	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	0.09	0.03	0.06	0.06	50.64	ppb
Cobalt	59-1	0.03	0.00	0.02	0.02	79.56	ppb
Copper	63-1	0.15	0.13	0.14	0.14	5.49	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				102		%
Indium	115-1				99		%
Iron	54-1						ppb
Iron	56-1	382.03	393.26	390.36	388.55	1.50	ppb
Iron	57-1	380.63	388.61	376.81	382.02	1.58	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.09	0.07	0.08	14.43	ppb
Lead	207-1	0.08	0.08	0.07	0.08	10.60	ppb
Lead	208-1	0.06	0.05	0.06	0.06	10.06	ppb
Lithium	6-1				96		%
Magnesium	24-1	2945.01	2950.42	2933.92	2943.12	0.29	ppb
Manganese	55-1	0.37	0.29	0.28	0.32	16.10	ppb
Molybdenum	94-1	0.13	0.13	0.12	0.13	3.21	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	N3734-07	Instrumnet Name :	P7
Client Sample ID :	WS-TRACE-ELEMENTS	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:20:48	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	0.06	0.07	0.05	0.06	20.09	ppb
Molybdenum	96-1	0.09	0.08	0.05	0.07	28.21	ppb
Molybdenum	97-1	0.07	0.08	0.03	0.06	40.04	ppb
Molybdenum	98-1	0.05	0.05	0.06	0.05	6.12	ppb
Neodymium	150-1						cps
Nickel	60-1	0.06	0.07	0.07	0.07	4.02	ppb
Phosphorus	31-1	-7.41	-7.90	-8.68	-8.00		ppb
Potassium	39-1	-1.50	-2.41	2.70	-0.41		ppb
Rhodium	103-1				100		%
Scandium	45-1				101		%
Selenium	82-1	0.48	0.65	0.63	0.59	15.39	ppb
Selenium	77-1	0.48	0.00	0.39	0.29	89.31	ppb
Selenium	78-1						ppb
Silicon	28-1	30.62	31.07	29.79	30.49	2.13	ppb
Silver	107-1	162.32	162.18	161.72	162.07	0.19	ppb
Silver	109-1	162.56	159.21	162.83	161.53	1.25	ppb
Sodium	23-1	29.78	29.61	29.56	29.65	0.37	ppb
Strontium	86-1	-0.03	0.02	0.04	0.01	286.36	ppb
Strontium	88-1	0.05	0.06	0.06	0.06	3.93	ppb
Sulfur	34-1	-1778.00	-1941.45	-1833.66	-1851.03		ppb
Terbium	159-1				99		%
Thallium	203-1	0.18	0.19	0.17	0.18	5.94	ppb
Thallium	205-1	0.20	0.16	0.20	0.19	9.54	ppb
Tin	118-1	0.12	0.04	0.08	0.08	50.91	ppb
Titanium	47-1	-0.01	-0.11	0.02	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	50.50	ppb
Vanadium	51-1	656.49	661.96	667.84	662.10	0.86	ppb
Yttrium	89-1				101		%
Zinc	66-1	0.43	0.48	0.41	0.44	8.71	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	15.70	ppb
Zirconium	91-1	0.06	0.05	0.04	0.05	23.26	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	PB146293BL	Instrumnet Name :	P7
Client Sample ID :	PB146293BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:26:45	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	4.21	3.91	3.74	3.95	6.00	ppb
Antimony	121-1	0.02	0.01	0.00	0.01	103.41	ppb
Arsenic	75-1	-0.05	0.12	-0.05	0.01	1449.37	ppb
Barium	135-1	0.02	0.00	0.01	0.01	142.54	ppb
Barium	137-1	0.03	0.02	0.03	0.02	9.27	ppb
Beryllium	9-1	-0.01	0.00	0.01	0.00		ppb
Bismuth	209-1				95		%
Boron	10-1	18.89	13.45	17.13	16.49	16.83	ppb
Boron	11-1	18.39	15.45	14.44	16.10	12.75	ppb
Bromine	81-1						cps
Cadmium	111-1	0.07	0.03	-0.04	0.02	270.63	ppb
Cadmium	106-1	0.96	0.18	-0.50	0.21	348.84	ppb
Cadmium	108-1	0.17	0.00	-0.03	0.05	237.31	ppb
Calcium	43-1	19.30	4.00	9.01	10.77	72.43	ppb
Calcium	44-1	27.99	13.63	13.83	18.48	44.55	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	0.21	0.04	0.01	0.09	125.48	ppb
Cobalt	59-1	0.02	0.01	0.01	0.01	56.44	ppb
Copper	63-1	0.08	0.05	0.06	0.06	26.96	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				96		%
Indium	115-1				96		%
Iron	54-1						ppb
Iron	56-1	32.10	3.47	-3.64	10.64	177.79	ppb
Iron	57-1	24.75	-0.45	-11.39	4.30	431.02	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.02	0.02	14.22	ppb
Lead	207-1	0.01	0.01	0.00	0.01	78.71	ppb
Lead	208-1	0.04	0.03	0.00	0.02	86.80	ppb
Lithium	6-1				91		%
Magnesium	24-1	0.85	0.74	0.80	0.80	6.52	ppb
Manganese	55-1	0.17	0.09	0.12	0.13	31.64	ppb
Molybdenum	94-1	0.05	0.04	0.04	0.05	16.25	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	PB146293BL	Instrumnet Name :	P7
Client Sample ID :	PB146293BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:26:45	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	0.01	0.02	0.01	0.01	53.78	ppb
Molybdenum	96-1	-0.01	0.02	0.02	0.01	179.77	ppb
Molybdenum	97-1	0.01	0.02	0.02	0.02	23.50	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	14.97	ppb
Neodymium	150-1						cps
Nickel	60-1	0.04	0.03	0.04	0.04	12.27	ppb
Phosphorus	31-1	-3.94	-4.65	-5.96	-4.85		ppb
Potassium	39-1	84.14	18.66	15.72	39.50	97.92	ppb
Rhodium	103-1				96		%
Scandium	45-1				95		%
Selenium	82-1	-0.61	-0.28	0.69	-0.07		ppb
Selenium	77-1	0.36	0.91	0.59	0.62	44.81	ppb
Selenium	78-1						ppb
Silicon	28-1	22.18	13.78	13.62	16.53	29.64	ppb
Silver	107-1	0.02	0.03	0.02	0.03	25.42	ppb
Silver	109-1	0.02	0.04	0.02	0.03	32.75	ppb
Sodium	23-1	11.61	6.28	5.40	7.76	43.27	ppb
Strontium	86-1	0.08	-0.04	-0.02	0.01	839.12	ppb
Strontium	88-1	0.05	0.04	0.03	0.04	22.44	ppb
Sulfur	34-1	825.72	-786.94	-995.47	-318.90		ppb
Terbium	159-1				94		%
Thallium	203-1	0.11	0.15	0.14	0.14	14.31	ppb
Thallium	205-1	0.15	0.14	0.13	0.14	5.72	ppb
Tin	118-1	0.06	0.07	0.02	0.05	55.57	ppb
Titanium	47-1	0.09	-0.04	0.01	0.02	337.62	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-1	0.01	0.03	0.02	0.02	41.87	ppb
Yttrium	89-1				97		%
Zinc	66-1	0.13	0.09	0.08	0.10	24.23	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	17.26	ppb
Zirconium	91-1	0.00	0.01	0.04	0.02	106.27	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	PB146293BS	Instrumnet Name :	P7
Client Sample ID :	PB146293BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:29:24	DataFile Name :	026DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	10033.48	10107.24	10123.42	10088.05	0.48	ppb
Antimony	121-1	514.00	520.92	528.86	521.26	1.43	ppb
Arsenic	75-1	494.19	500.32	494.06	496.19	0.72	ppb
Barium	135-1	2570.19	2603.18	2584.07	2585.81	0.64	ppb
Barium	137-1	2549.42	2580.54	2551.99	2560.65	0.67	ppb
Beryllium	9-1	495.33	505.16	492.26	497.58	1.35	ppb
Bismuth	209-1				97		%
Boron	10-1	463.50	500.75	498.70	487.65	4.29	ppb
Boron	11-1	451.90	489.99	492.02	477.97	4.73	ppb
Bromine	81-1						cps
Cadmium	111-1	503.18	518.08	513.76	511.67	1.50	ppb
Cadmium	106-1	502.71	517.84	522.77	514.44	2.03	ppb
Cadmium	108-1	514.11	517.64	518.29	516.68	0.43	ppb
Calcium	43-1	57774.97	59412.10	59268.07	58818.38	1.54	ppb
Calcium	44-1	53886.17	55288.98	54025.27	54400.14	1.42	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	500.09	505.60	508.23	504.64	0.82	ppb
Cobalt	59-1	505.85	508.65	515.03	509.84	0.92	ppb
Copper	63-1	5102.30	5192.68	5125.04	5140.01	0.91	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				99		%
Indium	115-1				95		%
Iron	54-1						ppb
Iron	56-1	25904.36	26438.09	26173.90	26172.12	1.02	ppb
Iron	57-1	26042.30	26140.65	26249.90	26144.29	0.40	ppb
Krypton	83-1						cps
Lead	206-1	2529.28	2489.25	2529.68	2516.07	0.92	ppb
Lead	207-1	2520.69	2490.04	2532.36	2514.36	0.87	ppb
Lead	208-1	2485.63	2513.89	2517.85	2505.79	0.70	ppb
Lithium	6-1				94		%
Magnesium	24-1	50043.66	51739.06	50679.91	50820.88	1.69	ppb
Manganese	55-1	5071.96	5197.61	5121.67	5130.41	1.23	ppb
Molybdenum	94-1	4913.39	5054.96	4981.72	4983.36	1.42	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	PB146293BS	Instrumnet Name :	P7
Client Sample ID :	PB146293BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:29:24	DataFile Name :	026DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	4921.11	5042.57	5048.86	5004.18	1.44	ppb
Molybdenum	96-1	4837.36	4973.62	4966.33	4925.77	1.56	ppb
Molybdenum	97-1	4891.20	5011.69	5029.50	4977.46	1.51	ppb
Molybdenum	98-1	4908.42	5017.79	5039.40	4988.54	1.41	ppb
Neodymium	150-1						cps
Nickel	60-1	507.63	519.13	517.42	514.73	1.21	ppb
Phosphorus	31-1	10217.12	10160.30	10279.89	10219.10	0.59	ppb
Potassium	39-1	25769.27	26031.73	25930.87	25910.62	0.51	ppb
Rhodium	103-1				94		%
Scandium	45-1				97		%
Selenium	82-1	499.35	515.33	503.86	506.18	1.63	ppb
Selenium	77-1	512.49	516.72	510.08	513.09	0.65	ppb
Selenium	78-1						ppb
Silicon	28-1	518.71	548.04	555.70	540.82	3.61	ppb
Silver	107-1	511.23	519.40	526.17	518.93	1.44	ppb
Silver	109-1	514.19	515.80	527.05	519.01	1.35	ppb
Sodium	23-1	52241.79	52707.62	53145.95	52698.46	0.86	ppb
Strontium	86-1	12365.71	12712.41	12475.31	12517.81	1.42	ppb
Strontium	88-1	12366.48	12590.37	12527.75	12494.87	0.92	ppb
Sulfur	34-1	9196.44	9050.87	9072.57	9106.63	0.86	ppb
Terbium	159-1				97		%
Thallium	203-1	511.71	500.40	503.34	505.15	1.16	ppb
Thallium	205-1	502.65	498.94	502.52	501.37	0.42	ppb
Tin	118-1	506.51	524.29	527.47	519.42	2.17	ppb
Titanium	47-1	4976.44	5065.30	5025.84	5022.53	0.89	ppb
Uranium	238-1	497.05	477.60	490.90	488.52	2.03	ppb
Vanadium	51-1	503.41	505.80	508.61	505.94	0.51	ppb
Yttrium	89-1				98		%
Zinc	66-1	5090.21	5215.46	5094.15	5133.28	1.39	ppb
Zirconium	90-1	494.41	505.85	501.12	500.46	1.15	ppb
Zirconium	91-1	485.25	498.64	492.66	492.18	1.36	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:32:00	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	52363.46	51677.48	50542.99	51527.97	1.78	ppb
Antimony	121-1	519.13	519.87	513.26	517.42	0.70	ppb
Arsenic	75-1	504.22	487.83	488.72	493.59	1.87	ppb
Barium	135-1	2573.34	2624.27	2557.51	2585.04	1.35	ppb
Barium	137-1	2555.21	2575.77	2566.55	2565.85	0.40	ppb
Beryllium	9-1	503.04	496.30	502.24	500.53	0.74	ppb
Bismuth	209-1				94		%
Boron	10-1	523.42	525.70	549.46	532.86	2.71	ppb
Boron	11-1	505.15	512.55	536.95	518.22	3.21	ppb
Bromine	81-1						cps
Cadmium	111-1	527.34	519.18	514.73	520.42	1.23	ppb
Cadmium	106-1	532.95	510.63	513.79	519.12	2.33	ppb
Cadmium	108-1	525.57	521.55	513.23	520.11	1.21	ppb
Calcium	43-1	264730.38	261785.86	262151.84	262889.36	0.61	ppb
Calcium	44-1	260809.36	258010.42	255734.13	258184.64	0.98	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	512.38	513.01	498.42	507.93	1.62	ppb
Cobalt	59-1	511.10	510.91	493.18	505.07	2.04	ppb
Copper	63-1	5234.08	5169.24	5026.80	5143.38	2.06	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				99		%
Indium	115-1				93		%
Iron	54-1						ppb
Iron	56-1	130083.93	130708.51	128166.21	129652.89	1.02	ppb
Iron	57-1	130576.10	130953.57	126773.79	129434.49	1.79	ppb
Krypton	83-1						cps
Lead	206-1	2573.92	2560.50	2532.78	2555.73	0.82	ppb
Lead	207-1	2582.19	2549.39	2553.01	2561.53	0.70	ppb
Lead	208-1	2576.55	2527.09	2542.32	2548.65	0.99	ppb
Lithium	6-1				92		%
Magnesium	24-1	262083.50	258625.64	255497.78	258735.64	1.27	ppb
Manganese	55-1	5085.02	5149.08	5004.17	5079.42	1.43	ppb
Molybdenum	94-1	5210.52	5039.30	5063.69	5104.50	1.81	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:32:00	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	5145.34	5067.03	5081.28	5097.88	0.82	ppb
Molybdenum	96-1	5119.89	5044.04	5015.10	5059.68	1.07	ppb
Molybdenum	97-1	5157.88	5035.39	5037.64	5076.97	1.38	ppb
Molybdenum	98-1	5152.15	5048.58	5044.32	5081.68	1.20	ppb
Neodymium	150-1						cps
Nickel	60-1	552.59	544.99	529.01	542.20	2.22	ppb
Phosphorus	31-1	10714.70	10360.08	10316.12	10463.63	2.09	ppb
Potassium	39-1	131228.74	128248.94	127296.74	128924.81	1.59	ppb
Rhodium	103-1				90		%
Scandium	45-1				95		%
Selenium	82-1	541.89	522.46	518.97	527.77	2.34	ppb
Selenium	77-1	531.30	518.36	533.65	527.77	1.56	ppb
Selenium	78-1						ppb
Silicon	28-1	546.20	546.83	533.18	542.07	1.42	ppb
Silver	107-1	528.09	518.50	517.79	521.46	1.10	ppb
Silver	109-1	526.63	529.83	514.26	523.57	1.57	ppb
Sodium	23-1	269115.72	266260.50	260881.85	265419.36	1.58	ppb
Strontium	86-1	12730.97	12689.66	12552.26	12657.63	0.74	ppb
Strontium	88-1	12910.12	12763.59	12597.58	12757.10	1.23	ppb
Sulfur	34-1	9205.02	7924.22	7298.34	8142.53	11.94	ppb
Terbium	159-1				96		%
Thallium	203-1	527.14	518.41	505.60	517.05	2.09	ppb
Thallium	205-1	520.98	516.04	513.87	516.96	0.71	ppb
Tin	118-1	521.23	510.66	504.56	512.15	1.65	ppb
Titanium	47-1	5166.21	5164.04	5084.91	5138.39	0.90	ppb
Uranium	238-1	517.98	523.71	504.81	515.50	1.88	ppb
Vanadium	51-1	515.39	515.28	501.17	510.61	1.60	ppb
Yttrium	89-1				96		%
Zinc	66-1	5343.91	5249.96	5188.64	5260.84	1.49	ppb
Zirconium	90-1	517.42	512.45	508.39	512.75	0.88	ppb
Zirconium	91-1	515.52	497.72	492.96	502.07	2.37	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:39:01	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	1.64	1.61	1.45	1.56	6.61	ppb
Antimony	121-1	0.13	0.10	0.10	0.11	15.43	ppb
Arsenic	75-1	-0.03	-0.05	-0.09	-0.05		ppb
Barium	135-1	0.10	0.09	0.09	0.09	3.20	ppb
Barium	137-1	0.08	0.11	0.09	0.09	17.38	ppb
Beryllium	9-1	0.06	0.04	0.04	0.04	20.19	ppb
Bismuth	209-1				96		%
Boron	10-1	10.44	10.89	10.97	10.77	2.66	ppb
Boron	11-1	11.71	10.79	12.16	11.55	6.01	ppb
Bromine	81-1						cps
Cadmium	111-1	0.07	0.10	0.04	0.07	44.80	ppb
Cadmium	106-1	0.61	1.03	0.17	0.60	71.44	ppb
Cadmium	108-1	-0.03	-0.10	0.00	-0.05		ppb
Calcium	43-1	6.95	10.61	9.03	8.86	20.71	ppb
Calcium	44-1	21.03	23.18	20.92	21.71	5.87	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	-0.06	0.06	-0.01	0.00	18080.20	ppb
Cobalt	59-1	0.02	0.01	0.02	0.02	10.21	ppb
Copper	63-1	0.31	0.31	0.30	0.31	3.06	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				98		%
Indium	115-1				96		%
Iron	54-1						ppb
Iron	56-1	-14.15	-10.97	-5.91	-10.34		ppb
Iron	57-1	-7.38	-5.39	0.65	-4.04		ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.16	0.14	0.16	10.15	ppb
Lead	207-1	0.12	0.11	0.11	0.11	7.99	ppb
Lead	208-1	0.11	0.11	0.10	0.11	7.60	ppb
Lithium	6-1				93		%
Magnesium	24-1	8.28	7.85	7.86	8.00	3.06	ppb
Manganese	55-1	0.30	0.29	0.32	0.30	4.33	ppb
Molybdenum	94-1	0.24	0.27	0.20	0.24	14.60	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:39:01	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	0.27	0.23	0.26	0.25	7.18	ppb
Molybdenum	96-1	0.25	0.20	0.24	0.23	12.99	ppb
Molybdenum	97-1	0.24	0.25	0.22	0.23	6.79	ppb
Molybdenum	98-1	0.26	0.19	0.22	0.22	16.74	ppb
Neodymium	150-1						cps
Nickel	60-1	0.03	0.02	0.01	0.02	41.07	ppb
Phosphorus	31-1	-7.38	-7.45	-8.71	-7.85		ppb
Potassium	39-1	39.10	41.78	50.34	43.74	13.41	ppb
Rhodium	103-1				95		%
Scandium	45-1				95		%
Selenium	82-1	0.86	0.06	-0.18	0.24	223.95	ppb
Selenium	77-1	0.02	-0.19	-0.19	-0.12		ppb
Selenium	78-1						ppb
Silicon	28-1	6.05	5.95	5.85	5.95	1.63	ppb
Silver	107-1	0.05	0.04	0.05	0.05	21.59	ppb
Silver	109-1	0.04	0.04	0.05	0.04	13.96	ppb
Sodium	23-1	37.40	37.98	37.49	37.63	0.83	ppb
Strontium	86-1	0.46	0.50	0.45	0.47	5.87	ppb
Strontium	88-1	0.49	0.47	0.50	0.49	3.09	ppb
Sulfur	34-1	-1327.60	-1124.79	-967.48	-1139.96		ppb
Terbium	159-1				97		%
Thallium	203-1	0.06	0.07	0.07	0.07	14.38	ppb
Thallium	205-1	0.06	0.05	0.06	0.06	8.56	ppb
Tin	118-1	0.10	0.02	0.08	0.06	63.57	ppb
Titanium	47-1	0.05	0.19	0.20	0.15	55.54	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	20.15	ppb
Vanadium	51-1	0.02	0.02	0.01	0.02	26.67	ppb
Yttrium	89-1				95		%
Zinc	66-1	0.32	0.31	0.27	0.30	8.84	ppb
Zirconium	90-1	0.02	0.02	0.04	0.03	35.63	ppb
Zirconium	91-1	0.01	0.04	0.03	0.03	47.95	ppb

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:05:07	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	6198	5697	6208	6034	4.84	cps
Antimony	121-1	25	58	67	50	44.10	cps
Arsenic	75-1	-1542	-1510	-1600	-1551	-2.94	cps
Barium	135-1	25	25	17	22	21.64	cps
Barium	137-1	42	17	17	25	57.73	cps
Beryllium	9-1	27	30	10	22	48.22	cps
Bismuth	209-1	5225498	5563131	5584234	5457621	3.69	cps
Boron	10-1	183	200	183	189	5.10	cps
Boron	11-1	1133	1092	1058	1095	3.43	cps
Bromine	81-1	6276	6860	6377	6504	4.80	cps
Cadmium	111-1	2233	2643	2745	2540	10.67	cps
Cadmium	106-1	3209	3801	3909	3639	10.36	cps
Cadmium	108-1	25	25	0	17	86.60	cps
Calcium	43-1	242	333	200	258	26.40	cps
Calcium	44-1	24278	23235	24604	24039	2.97	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	16459	16573	16342	16458	0.70	cps
Cobalt	59-1	320	460	501	427	22.15	cps
Copper	63-1	1847	2030	1830	1902	5.83	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Erbium	164-1	33	25	25	28	17.31	cps
Gadolinium	160-1	100	92	83	92	9.09	cps
Holmium	165-1	8079567	8541921	8481643	8367710	3.00	cps
Indium	115-1	7273327	7676345	7726839	7558837	3.29	cps
Iron	54-1						cps
Iron	56-1	4615611	4593615	4561381	4590202	0.59	cps
Iron	57-1	71905	71774	72699	72126	0.69	cps
Krypton	83-1	723	660	667	683	5.09	cps
Lead	206-1	100	90	150	113	28.37	cps
Lead	207-1	110	190	150	150	26.67	cps
Lead	208-1	244	316	236	265	16.64	cps
Lithium	6-1	1959366	2055009	2080680	2031685	3.15	cps
Magnesium	24-1	5386	5216	6368	5657	10.99	cps
Manganese	55-1	8471	8661	8882	8671	2.37	cps
Molybdenum	94-1	167	150	150	156	6.19	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:05:07	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	17	25	8	17	50.01	cps
Molybdenum	96-1	108	142	92	114	22.35	cps
Molybdenum	97-1	8	8	17	11	43.34	cps
Molybdenum	98-1	58	83	58	67	21.65	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Nickel	60-1	87	107	90	94	11.35	cps
Phosphorus	31-1	15454	15584	15283	15440	0.98	cps
Potassium	39-1	5930128	5855293	5934546	5906655	0.75	cps
Rhodium	103-1	7286386	7728643	7829895	7614974	3.80	cps
Scandium	45-1	5326988	5632521	5655041	5538183	3.31	cps
Selenium	82-1	-44	17	-22	-17	-184.80	cps
Selenium	77-1	42	50	8	33	66.15	cps
Selenium	78-1						cps
Silicon	28-1	367692	367933	362329	365985	0.87	cps
Silver	107-1	108	58	67	78	34.44	cps
Silver	109-1	25	33	50	36	35.25	cps
Sodium	23-1	446461	448879	444459	446600	0.50	cps
Strontium	86-1	1092	1142	1283	1172	8.48	cps
Strontium	88-1	258	158	233	217	24.02	cps
Sulfur	34-1	548772	541662	545194	545209	0.65	cps
Terbium	159-1	8530522	8911789	9216240	8886184	3.87	cps
Thallium	203-1	258	267	167	231	24.07	cps
Thallium	205-1	625	608	625	619	1.55	cps
Tin	118-1	1042	1167	908	1039	12.43	cps
Titanium	47-1	467	317	350	378	20.85	cps
Uranium	238-1	8	8	25	14	69.31	cps
Vanadium	51-1	120	120	70	103	27.94	cps
Yttrium	89-1	11382301	11774869	11889651	11682274	2.28	cps
Zinc	66-1	943	987	993	974	2.79	cps
Zirconium	90-1	525	525	550	533	2.71	cps
Zirconium	91-1	75	108	108	97	19.80	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:07:54	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	197736	199703	200372	199270	0.69	cps
Antimony	121-1	12281	12322	12889	12497	2.72	cps
Arsenic	75-1	142	547	756	482	64.75	cps
Barium	135-1	12506	13749	14366	13540	7.00	cps
Barium	137-1	23654	22994	23294	23314	1.42	cps
Beryllium	9-1	1283	1310	1267	1287	1.70	cps
Bismuth	209-1	5608751	5500861	5660240	5589951	1.46	cps
Boron	10-1	3050	3501	3300	3284	6.87	cps
Boron	11-1	15408	16776	18353	16846	8.75	cps
Bromine	81-1	6226	6110	6118	6151	1.06	cps
Cadmium	111-1	4298	4331	4505	4378	2.55	cps
Cadmium	106-1	4059	3859	3834	3917	3.15	cps
Cadmium	108-1	146	154	154	151	3.18	cps
Calcium	43-1	10721	11171	10696	10862	2.46	cps
Calcium	44-1	193652	197138	195694	195495	0.90	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	40488	41460	41384	41110	1.32	cps
Cobalt	59-1	15073	15925	16416	15805	4.30	cps
Copper	63-1	19509	20130	19660	19766	1.64	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Erbium	164-1	17	33	58	36	58.07	cps
Gadolinium	160-1	50	117	75	81	41.81	cps
Holmium	165-1	8775156	8712229	8652333	8713240	0.70	cps
Indium	115-1	7599349	7792538	7715281	7702389	1.26	cps
Iron	54-1						cps
Iron	56-1	5307145	5301957	5295126	5301409	0.11	cps
Iron	57-1	92084	90996	91399	91493	0.60	cps
Krypton	83-1	683	857	647	729	15.39	cps
Lead	206-1	4255	4375	4485	4372	2.63	cps
Lead	207-1	3374	3374	3554	3434	3.03	cps
Lead	208-1	5996	6093	5839	5976	2.14	cps
Lithium	6-1	2061116	2060141	2026885	2049381	0.95	cps
Magnesium	24-1	3999980	4109112	4086902	4065331	1.42	cps
Manganese	55-1	26070	27202	26741	26671	2.14	cps
Molybdenum	94-1	14082	13990	14174	14082	0.65	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:07:54	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	16284	16560	18629	17158	7.47	cps
Molybdenum	96-1	18687	19872	19513	19358	3.14	cps
Molybdenum	97-1	10846	10604	10679	10710	1.16	cps
Molybdenum	98-1	27384	28353	27334	27691	2.07	cps
Neodymium	150-1	7	0	20	9	114.55	cps
Nickel	60-1	3564	3584	3544	3564	0.56	cps
Phosphorus	31-1	25287	25186	25257	25243	0.20	cps
Potassium	39-1	11411071	11531409	11583682	11508721	0.77	cps
Rhodium	103-1	7797735	7822578	7678552	7766288	0.99	cps
Scandium	45-1	5701484	5761646	5731964	5731698	0.52	cps
Selenium	82-1	564	383	634	527	24.57	cps
Selenium	77-1	425	508	608	514	17.86	cps
Selenium	78-1						cps
Silicon	28-1	414678	413452	414933	414355	0.19	cps
Silver	107-1	6527	7894	8269	7563	12.13	cps
Silver	109-1	6510	7777	7777	7355	9.95	cps
Sodium	23-1	5899691	5912170	5996686	5936182	0.89	cps
Strontium	86-1	3125	3300	3459	3295	5.06	cps
Strontium	88-1	18203	17886	18646	18245	2.09	cps
Sulfur	34-1	551645	547883	547929	549152	0.39	cps
Terbium	159-1	9056410	9044768	8928989	9010056	0.78	cps
Thallium	203-1	5076	5059	5260	5132	2.16	cps
Thallium	205-1	12556	12031	12856	12481	3.35	cps
Tin	118-1	25866	26199	25298	25788	1.77	cps
Titanium	47-1	4859	5543	5743	5382	8.61	cps
Uranium	238-1	14117	13374	14609	14033	4.43	cps
Vanadium	51-1	72276	74519	73563	73453	1.53	cps
Yttrium	89-1	12112989	11891119	11977682	11993930	0.93	cps
Zinc	66-1	5871	5731	6001	5868	2.30	cps
Zirconium	90-1	11338	12122	12155	11872	3.90	cps
Zirconium	91-1	2609	2584	2700	2631	2.33	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:10:42	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	9825189	10022370	9829374	9892311	1.14	cps
Antimony	121-1	307374	312505	317928	312602	1.69	cps
Arsenic	75-1	95914	98667	96307	96963	1.54	cps
Barium	135-1	348618	355622	358937	354392	1.49	cps
Barium	137-1	600075	613166	614706	609316	1.32	cps
Beryllium	9-1	62703	63030	63667	63133	0.78	cps
Bismuth	209-1	5571560	5585296	5578136	5578331	0.12	cps
Boron	10-1	7127	6993	7344	7155	2.47	cps
Boron	11-1	34807	37813	39075	37232	5.89	cps
Bromine	81-1	6093	5618	6402	6037	6.54	cps
Cadmium	111-1	87993	87923	88359	88092	0.27	cps
Cadmium	106-1	13156	13115	12998	13090	0.63	cps
Cadmium	108-1	6272	6631	6843	6582	4.38	cps
Calcium	43-1	122770	125400	124996	124389	1.14	cps
Calcium	44-1	1825507	1848025	1854613	1842715	0.83	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	623923	641672	644271	636622	1.74	cps
Cobalt	59-1	744615	759189	758247	754017	1.08	cps
Copper	63-1	4447458	4536042	4516771	4500091	1.04	cps
Dysprosium	156-1	33	25	25	28	17.31	cps
Erbium	164-1	58	42	17	39	53.92	cps
Gadolinium	160-1	92	83	67	81	15.80	cps
Holmium	165-1	8737831	8854134	8685503	8759156	0.99	cps
Indium	115-1	7587945	7674665	7745765	7669458	1.03	cps
Iron	54-1						cps
Iron	56-1	41107936	41511195	41247521	41288884	0.50	cps
Iron	57-1	958337	992003	980289	976876	1.75	cps
Krypton	83-1	677	703	670	683	2.58	cps
Lead	206-1	1040265	1039969	1075676	1051970	1.95	cps
Lead	207-1	882613	872281	888959	881284	0.96	cps
Lead	208-1	1828818	1826491	1866558	1840623	1.22	cps
Lithium	6-1	2055824	2058063	2047756	2053881	0.26	cps
Magnesium	24-1	40213699	40290995	40545081	40349925	0.43	cps
Manganese	55-1	8398945	8502001	8555341	8485429	0.94	cps
Molybdenum	94-1	1171559	1184533	1189148	1181747	0.77	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:10:42	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	1674435	1751295	1719312	1715014	2.25	cps
Molybdenum	96-1	1848648	1930527	1910269	1896481	2.25	cps
Molybdenum	97-1	1048081	1079813	1064596	1064163	1.49	cps
Molybdenum	98-1	2782817	2774498	2757455	2771590	0.47	cps
Neodymium	150-1	53	7	27	29	81.03	cps
Nickel	60-1	168261	170363	172542	170389	1.26	cps
Phosphorus	31-1	487267	498136	505592	496998	1.85	cps
Potassium	39-1	34444383	34284418	34804087	34510962	0.77	cps
Rhodium	103-1	7709992	7766926	7711536	7729485	0.42	cps
Scandium	45-1	5744745	5711406	5769690	5741947	0.51	cps
Selenium	82-1	5597	5767	5891	5752	2.56	cps
Selenium	77-1	4526	4901	4434	4620	5.35	cps
Selenium	78-1						cps
Silicon	28-1	649582	657663	665573	657606	1.22	cps
Silver	107-1	411468	418938	422049	417485	1.30	cps
Silver	109-1	398818	400080	402757	400551	0.50	cps
Sodium	23-1	56688435	57340066	57539419	57189306	0.78	cps
Strontium	86-1	2707153	2794268	2792897	2764773	1.81	cps
Strontium	88-1	23017751	23661171	23671563	23450162	1.60	cps
Sulfur	34-1	584690	589755	586197	586881	0.44	cps
Terbium	159-1	8960947	9095879	8999309	9018712	0.77	cps
Thallium	203-1	246115	255008	255101	252075	2.05	cps
Thallium	205-1	592083	603489	609576	601716	1.48	cps
Tin	118-1	244308	249663	254547	249506	2.05	cps
Titanium	47-1	513680	534460	534039	527393	2.25	cps
Uranium	238-1	702849	707297	717738	709294	1.08	cps
Vanadium	51-1	716021	734336	735580	728645	1.50	cps
Yttrium	89-1	11779205	11883245	11908806	11857086	0.58	cps
Zinc	66-1	1125489	1130368	1142516	1132791	0.77	cps
Zirconium	90-1	579562	600988	594159	591570	1.85	cps
Zirconium	91-1	130756	131807	135649	132737	1.94	cps

LB Number : LB121723 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired : 2022-08-24 13:13:29 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	23976922	24264535	24601468	24280975	1.29	cps
Antimony	121-1	770355	774263	787867	777495	1.18	cps
Arsenic	75-1	230944	239263	237877	236028	1.89	cps
Barium	135-1	848490	866814	878946	864750	1.77	cps
Barium	137-1	1538384	1505171	1568018	1537191	2.05	cps
Beryllium	9-1	153922	154389	157201	155171	1.14	cps
Bismuth	209-1	5579156	5588001	5579843	5582333	0.09	cps
Boron	10-1	17711	17060	17627	17466	2.03	cps
Boron	11-1	84890	89223	92845	88986	4.48	cps
Bromine	81-1	6385	5893	6276	6185	4.18	cps
Cadmium	111-1	208415	213994	213336	211915	1.44	cps
Cadmium	106-1	25782	25239	25582	25534	1.08	cps
Cadmium	108-1	15738	15955	16113	15935	1.18	cps
Calcium	43-1	302926	302793	312390	306036	1.80	cps
Calcium	44-1	4382420	4391515	4496479	4423471	1.43	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	1581748	1612164	1615636	1603183	1.16	cps
Cobalt	59-1	1894065	1914369	1919016	1909150	0.70	cps
Copper	63-1	10829155	11156918	11043575	11009883	1.51	cps
Dysprosium	156-1	17	33	33	28	34.63	cps
Erbium	164-1	25	42	33	33	25.01	cps
Gadolinium	160-1	50	133	75	86	49.66	cps
Holmium	165-1	8637369	8671187	8751747	8686767	0.68	cps
Indium	115-1	7407702	7577498	7618662	7534621	1.48	cps
Iron	54-1						cps
Iron	56-1	95106200	95464559	95385467	95318742	0.20	cps
Iron	57-1	2303891	2303308	2302771	2303323	0.02	cps
Krypton	83-1	740	607	690	679	9.92	cps
Lead	206-1	2826873	2886948	2935647	2883156	1.89	cps
Lead	207-1	2449591	2499228	2487087	2478635	1.04	cps
Lead	208-1	4384562	4375576	4437658	4399265	0.76	cps
Lithium	6-1	2050799	2037203	2055588	2047863	0.47	cps
Magnesium	24-1	99850687	100579493	101704984	100711722	0.93	cps
Manganese	55-1	20808864	20872182	21134594	20938547	0.82	cps
Molybdenum	94-1	2946869	3007928	3000742	2985180	1.12	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:13:29	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	4231377	4289551	4240820	4253916	0.73	cps
Molybdenum	96-1	4628338	4699877	4642093	4656770	0.82	cps
Molybdenum	97-1	2617506	2643659	2644548	2635238	0.58	cps
Molybdenum	98-1	6736715	6793719	6809369	6779934	0.56	cps
Neodymium	150-1	33	40	60	44	31.23	cps
Nickel	60-1	422911	429112	432044	428022	1.09	cps
Phosphorus	31-1	1181241	1198897	1211806	1197315	1.28	cps
Potassium	39-1	75037320	75167017	76525570	75576636	1.09	cps
Rhodium	103-1	7589458	7547052	7706044	7614185	1.08	cps
Scandium	45-1	5579842	5609594	5759502	5649646	1.70	cps
Selenium	82-1	14381	14161	14143	14229	0.93	cps
Selenium	77-1	11004	11705	11430	11380	3.10	cps
Selenium	78-1						cps
Silicon	28-1	1175083	1192520	1221071	1196225	1.94	cps
Silver	107-1	1008793	1023633	1046794	1026406	1.87	cps
Silver	109-1	966923	988829	994039	983263	1.46	cps
Sodium	23-1	135480931	140135415	138591687	138069344	1.72	cps
Strontium	86-1	6764257	6713786	6826243	6768095	0.83	cps
Strontium	88-1	57966516	57891364	58702553	58186811	0.77	cps
Sulfur	34-1	622703	611413	611312	615143	1.06	cps
Terbium	159-1	9042421	9059095	9120928	9074148	0.46	cps
Thallium	203-1	627613	636668	635486	633256	0.78	cps
Thallium	205-1	1482733	1519436	1516826	1506332	1.36	cps
Tin	118-1	611782	614341	616397	614173	0.38	cps
Titanium	47-1	1271801	1315437	1338319	1308519	2.58	cps
Uranium	238-1	1951336	2023029	1996731	1990365	1.82	cps
Vanadium	51-1	1817104	1830380	1871643	1839709	1.55	cps
Yttrium	89-1	11992436	11736641	12119314	11949464	1.63	cps
Zinc	66-1	2818772	2894539	2839486	2850932	1.37	cps
Zirconium	90-1	1456627	1463831	1510519	1476992	1.98	cps
Zirconium	91-1	322074	326581	331130	326595	1.39	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:16:17	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	47397263	49081396	48418558	48299072	1.76	cps
Antimony	121-1	1560464	1615137	1598711	1591437	1.76	cps
Arsenic	75-1	461651	467616	473542	467603	1.27	cps
Barium	135-1	1734700	1809486	1778482	1774222	2.12	cps
Barium	137-1	2969402	3105478	3054016	3042966	2.26	cps
Beryllium	9-1	301334	311454	309037	307275	1.72	cps
Bismuth	209-1	5601092	5615140	5653226	5623153	0.48	cps
Boron	10-1	32101	34013	36469	34194	6.40	cps
Boron	11-1	167388	183849	185053	178763	5.52	cps
Bromine	81-1	6126	5785	5810	5907	3.23	cps
Cadmium	111-1	410617	423050	421489	418386	1.62	cps
Cadmium	106-1	46441	48515	49017	47991	2.84	cps
Cadmium	108-1	31986	32967	32432	32461	1.51	cps
Calcium	43-1	599730	608501	620674	609635	1.73	cps
Calcium	44-1	8729061	8832069	8968583	8843238	1.36	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	3097189	3124222	3134242	3118551	0.61	cps
Cobalt	59-1	3679950	3822569	3757519	3753346	1.90	cps
Copper	63-1	21256338	21522699	21899093	21559377	1.50	cps
Dysprosium	156-1	42	50	75	56	31.22	cps
Erbium	164-1	33	67	50	50	33.34	cps
Gadolinium	160-1	108	192	150	150	27.78	cps
Holmium	165-1	8664076	8815189	8802645	8760637	0.96	cps
Indium	115-1	7667738	7576980	7698321	7647680	0.83	cps
Iron	54-1						cps
Iron	56-1	180970679	185987341	185216120	184058047	1.47	cps
Iron	57-1	4391495	4506246	4497498	4465080	1.43	cps
Krypton	83-1	690	743	747	727	4.38	cps
Lead	206-1	5742258	5757941	5766389	5755529	0.21	cps
Lead	207-1	4945079	5001405	5080903	5009129	1.36	cps
Lead	208-1	8741288	8849646	9067177	8886037	1.87	cps
Lithium	6-1	2037792	2067984	2063024	2056267	0.79	cps
Magnesium	24-1	195040093	201394613	201026484	199153730	1.79	cps
Manganese	55-1	40499977	41833647	41713937	41349187	1.78	cps
Molybdenum	94-1	5746138	5892452	5861794	5833461	1.32	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:16:17	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	8360738	8529209	8477297	8455748	1.02	cps
Molybdenum	96-1	9136308	9361932	9211306	9236516	1.24	cps
Molybdenum	97-1	5079635	5292587	5174174	5182132	2.06	cps
Molybdenum	98-1	13320417	13753059	13538850	13537442	1.60	cps
Neodymium	150-1	47	87	80	71	30.13	cps
Nickel	60-1	826199	841668	841847	836572	1.07	cps
Phosphorus	31-1	2284345	2370298	2369538	2341393	2.11	cps
Potassium	39-1	143421847	145510160	146778814	145236940	1.17	cps
Rhodium	103-1	7536279	7651673	7545034	7577662	0.85	cps
Scandium	45-1	5707075	5599770	5680813	5662553	0.99	cps
Selenium	82-1	27810	28384	27963	28052	1.06	cps
Selenium	77-1	22184	22192	22301	22226	0.29	cps
Selenium	78-1						cps
Silicon	28-1	1804929	1934443	1929152	1889508	3.88	cps
Silver	107-1	2077436	2093164	2099854	2090151	0.55	cps
Silver	109-1	1946283	1997026	2010081	1984463	1.70	cps
Sodium	23-1	273567888	281766366	281292743	278875666	1.65	cps
Strontium	86-1	13243596	13555807	13610358	13469920	1.47	cps
Strontium	88-1	113158782	115886736	116369590	115138369	1.50	cps
Sulfur	34-1	682904	677667	671138	677236	0.87	cps
Terbium	159-1	9154520	9231449	8986897	9124289	1.37	cps
Thallium	203-1	1255346	1286190	1273909	1271815	1.22	cps
Thallium	205-1	3237240	3287987	3233277	3252835	0.94	cps
Tin	118-1	1205740	1226318	1248563	1226874	1.75	cps
Titanium	47-1	2563339	2603790	2574153	2580427	0.81	cps
Uranium	238-1	3908497	4169224	4127615	4068445	3.44	cps
Vanadium	51-1	3597880	3680644	3695795	3658106	1.44	cps
Yttrium	89-1	11844202	11951192	11810391	11868595	0.62	cps
Zinc	66-1	5523292	5672623	5740476	5645464	1.97	cps
Zirconium	90-1	2919731	2951196	2956799	2942575	0.68	cps
Zirconium	91-1	638801	654223	651495	648173	1.27	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:19:04	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	93407754	96543643	95665187	95205528	1.70	cps
Antimony	121-1	3057048	3165692	3155556	3126099	1.92	cps
Arsenic	75-1	915136	931698	941863	929566	1.45	cps
Barium	135-1	3450539	3551466	3598863	3533623	2.14	cps
Barium	137-1	6069128	6107543	6244290	6140320	1.50	cps
Beryllium	9-1	594693	610835	606745	604091	1.39	cps
Bismuth	209-1	5568001	5639906	5698055	5635321	1.16	cps
Boron	10-1	65305	70327	69071	68234	3.83	cps
Boron	11-1	338047	357188	366261	353832	4.07	cps
Bromine	81-1	5993	5818	5593	5801	3.46	cps
Cadmium	111-1	814825	816486	837652	822987	1.55	cps
Cadmium	106-1	90147	90600	93871	91539	2.22	cps
Cadmium	108-1	61613	64886	63911	63470	2.65	cps
Calcium	43-1	1190837	1208823	1190852	1196837	0.87	cps
Calcium	44-1	17306160	17598724	17300139	17401674	0.98	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	6076014	6249972	6179544	6168510	1.42	cps
Cobalt	59-1	7232239	7407786	7567948	7402657	2.27	cps
Copper	63-1	41391864	42308347	42816520	42172244	1.71	cps
Dysprosium	156-1	150	142	58	117	43.45	cps
Erbium	164-1	58	50	50	53	9.11	cps
Gadolinium	160-1	108	67	175	117	46.84	cps
Holmium	165-1	8808097	8761507	8760688	8776764	0.31	cps
Indium	115-1	7585942	7477838	7561276	7541685	0.75	cps
Iron	54-1						cps
Iron	56-1	353695953	362795963	363752029	360081315	1.54	cps
Iron	57-1	8677218	8837510	8817034	8777254	0.99	cps
Krypton	83-1	700	713	710	708	0.98	cps
Lead	206-1	11256410	11349355	11723350	11443038	2.16	cps
Lead	207-1	9653681	9925034	10162141	9913619	2.57	cps
Lead	208-1	17071421	17930153	18205187	17735587	3.33	cps
Lithium	6-1	2037171	2110454	2034385	2060670	2.09	cps
Magnesium	24-1	387892679	395801357	402365351	395353129	1.83	cps
Manganese	55-1	80040287	82852152	83243783	82045408	2.13	cps
Molybdenum	94-1	11439931	11680101	11688268	11602766	1.22	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:19:04	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	16410636	17060628	16981470	16817578	2.11	cps
Molybdenum	96-1	18242682	18669006	18640381	18517356	1.29	cps
Molybdenum	97-1	10286200	10532061	10471755	10430005	1.23	cps
Molybdenum	98-1	26256343	27572556	27196999	27008633	2.51	cps
Neodymium	150-1	100	147	153	133	21.80	cps
Nickel	60-1	1653819	1693872	1697662	1681784	1.44	cps
Phosphorus	31-1	4550155	4699339	4647562	4632352	1.64	cps
Potassium	39-1	278801402	285761431	287592222	284051685	1.63	cps
Rhodium	103-1	7419166	7513366	7524191	7485574	0.77	cps
Scandium	45-1	5693748	5738957	5602419	5678375	1.22	cps
Selenium	82-1	54386	55748	55785	55306	1.44	cps
Selenium	77-1	43448	42904	44184	43512	1.48	cps
Selenium	78-1						cps
Silicon	28-1	3133698	3356855	3339681	3276745	3.79	cps
Silver	107-1	3979291	4073867	4164941	4072699	2.28	cps
Silver	109-1	3870085	3925576	3941683	3912448	0.96	cps
Sodium	23-1	535641082	541674676	544122864	540479541	0.81	cps
Strontium	86-1	26196110	26744687	27100280	26680359	1.71	cps
Strontium	88-1	225226022	231042264	231339905	229202730	1.50	cps
Sulfur	34-1	797667	805684	795695	799682	0.66	cps
Terbium	159-1	9232857	9390265	9350627	9324583	0.88	cps
Thallium	203-1	2670318	2725057	2766038	2720471	1.77	cps
Thallium	205-1	6345742	6488017	6627754	6487171	2.17	cps
Tin	118-1	2437371	2458861	2469507	2455247	0.67	cps
Titanium	47-1	5065618	5233867	5173896	5157794	1.65	cps
Uranium	238-1	7957430	8040222	8053990	8017214	0.65	cps
Vanadium	51-1	7113216	7421538	7175989	7236914	2.25	cps
Yttrium	89-1	11858433	12098839	12030501	11995924	1.03	cps
Zinc	66-1	10784138	11214479	11214548	11071055	2.24	cps
Zirconium	90-1	5656163	5870357	5848594	5791704	2.04	cps
Zirconium	91-1	1263796	1298819	1303621	1288745	1.69	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:21:53	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	190412881	193622626	194707641	192914383	1.16	cps
Antimony	121-1	6260073	6498980	6520491	6426515	2.25	cps
Arsenic	75-1	1934957	1949589	1974974	1953173	1.04	cps
Barium	135-1	7079851	7276098	7258334	7204761	1.51	cps
Barium	137-1	12157836	12443741	12644924	12415500	1.97	cps
Beryllium	9-1	1212749	1237228	1253402	1234460	1.66	cps
Bismuth	209-1	5628043	5633392	5713040	5658158	0.84	cps
Boron	10-1	128489	134609	136298	133132	3.09	cps
Boron	11-1	681189	718072	720691	706651	3.13	cps
Bromine	81-1	6352	6076	6085	6171	2.54	cps
Cadmium	111-1	1646720	1667450	1718512	1677561	2.20	cps
Cadmium	106-1	176271	179303	183731	179768	2.09	cps
Cadmium	108-1	124764	127673	128455	126964	1.53	cps
Calcium	43-1	2456008	2430705	2481098	2455937	1.03	cps
Calcium	44-1	35283246	34845858	35501430	35210178	0.95	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	12422479	12510857	12476211	12469849	0.36	cps
Cobalt	59-1	14763239	14771953	15077468	14870887	1.20	cps
Copper	63-1	84212090	84928475	86199215	85113260	1.18	cps
Dysprosium	156-1	283	208	225	239	16.49	cps
Erbium	164-1	92	75	25	64	54.31	cps
Gadolinium	160-1	133	233	167	178	28.64	cps
Holmium	165-1	8973507	8949964	8981399	8968290	0.18	cps
Indium	115-1	7556681	7580354	7744499	7627178	1.34	cps
Iron	54-1						cps
Iron	56-1	730888102	737389003	755540334	741272480	1.72	cps
Iron	57-1	17535679	17792106	18089253	17805679	1.56	cps
Krypton	83-1	657	750	667	691	7.41	cps
Lead	206-1	22682798	23272938	23321909	23092548	1.54	cps
Lead	207-1	19676722	20309534	20091714	20025990	1.61	cps
Lead	208-1	34900052	36324405	36406683	35877047	2.36	cps
Lithium	6-1	1998654	2006400	2038596	2014550	1.05	cps
Magnesium	24-1	784597610	789900092	788993546	787830416	0.36	cps
Manganese	55-1	164993358	165679909	166718197	165797155	0.52	cps
Molybdenum	94-1	23566401	24041290	24180883	23929524	1.35	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:21:53	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	33843265	34348176	34886501	34359314	1.52	cps
Molybdenum	96-1	37287098	38006204	38841300	38044867	2.04	cps
Molybdenum	97-1	21061568	21379856	21555147	21332190	1.17	cps
Molybdenum	98-1	54540263	55440570	56151174	55377336	1.46	cps
Neodymium	150-1	340	320	327	329	3.10	cps
Nickel	60-1	3334520	3370053	3413303	3372625	1.17	cps
Phosphorus	31-1	9181142	9329660	9211691	9240831	0.85	cps
Potassium	39-1	561119960	558841682	573751752	564571131	1.42	cps
Rhodium	103-1	7520331	7524278	7630847	7558485	0.83	cps
Scandium	45-1	5776192	5675838	5784503	5745511	1.05	cps
Selenium	82-1	110287	111174	112990	111483	1.24	cps
Selenium	77-1	85053	89060	86546	86886	2.33	cps
Selenium	78-1						cps
Silicon	28-1	5735998	5898994	5885273	5840088	1.55	cps
Silver	107-1	7978959	8223928	8362362	8188416	2.37	cps
Silver	109-1	7637303	7917801	8036538	7863880	2.61	cps
Sodium	23-1	1072087410	1090459261	1096186228	1086244299	1.16	cps
Strontium	86-1	53304025	55012327	55780926	54699093	2.32	cps
Strontium	88-1	459910910	468225810	478965344	469034022	2.04	cps
Sulfur	34-1	1266686	1250733	1263221	1260213	0.67	cps
Terbium	159-1	9351265	9339642	9446370	9379092	0.62	cps
Thallium	203-1	5485551	5502101	5570001	5519218	0.81	cps
Thallium	205-1	12979254	13245726	13182616	13135865	1.06	cps
Tin	118-1	4874598	4990807	5087107	4984171	2.13	cps
Titanium	47-1	10369294	10494525	10526437	10463419	0.79	cps
Uranium	238-1	16414203	16719232	16625708	16586381	0.94	cps
Vanadium	51-1	14850249	14741011	14991020	14860760	0.84	cps
Yttrium	89-1	12109990	12102539	12271477	12161336	0.78	cps
Zinc	66-1	22140154	22550521	22565334	22418670	1.08	cps
Zirconium	90-1	11747693	11901347	12045567	11898202	1.25	cps
Zirconium	91-1	2614782	2648368	2713941	2659031	1.90	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:24:40	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	962446312	994602507	1015966070	991004963	2.72	cps
Antimony	121-1	6485	7394	6985	6955	6.54	cps
Arsenic	75-1	-3	-163	-179	-115	-84.50	cps
Barium	135-1	4626	4442	4001	4356	7.38	cps
Barium	137-1	7786	7194	6835	7271	6.60	cps
Beryllium	9-1	470	310	350	377	22.11	cps
Bismuth	209-1	5211491	5325707	5302523	5279907	1.14	cps
Boron	10-1	7877	6952	5693	6841	16.03	cps
Boron	11-1	40479	35533	31516	35842	12.53	cps
Bromine	81-1	6677	5985	6418	6360	5.50	cps
Cadmium	111-1	3776	3267	3356	3467	7.84	cps
Cadmium	106-1	4451	4067	4251	4256	4.51	cps
Cadmium	108-1	63	67	75	68	9.35	cps
Calcium	43-1	10291965	10762437	10780290	10611564	2.61	cps
Calcium	44-1	162875923	167842040	168151024	166289662	1.78	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	50809	51190	50033	50677	1.16	cps
Cobalt	59-1	63076	64182	62704	63321	1.21	cps
Copper	63-1	76990	76863	77446	77100	0.40	cps
Dysprosium	156-1	775	675	725	725	6.90	cps
Erbium	164-1	92	58	117	89	32.93	cps
Gadolinium	160-1	525	692	650	622	13.94	cps
Holmium	165-1	8986470	9163679	8982276	9044142	1.14	cps
Indium	115-1	7304964	7562101	7596584	7487883	2.13	cps
Iron	54-1						cps
Iron	56-1	3503544221	3647861013	3616484357	3589296530	2.11	cps
Iron	57-1	86199364	88107840	88979824	87762343	1.62	cps
Krypton	83-1	637	760	587	661	13.49	cps
Lead	206-1	8532	8321	8151	8334	2.29	cps
Lead	207-1	7440	7139	6829	7136	4.28	cps
Lead	208-1	13651	12538	11396	12528	9.00	cps
Lithium	6-1	1966137	2005854	2046835	2006275	2.01	cps
Magnesium	24-1	3942464966	4034181559	4114023318	4030223281	2.13	cps
Manganese	55-1	120783	124752	117898	121144	2.84	cps
Molybdenum	94-1	10487	9312	8544	9448	10.36	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:24:40	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	11863	11630	9637	11043	11.08	cps
Molybdenum	96-1	15801	15233	13290	14775	8.91	cps
Molybdenum	97-1	8169	7052	6235	7152	13.58	cps
Molybdenum	98-1	19205	17669	15759	17544	9.84	cps
Neodymium	150-1	93	127	93	104	18.42	cps
Nickel	60-1	19336	19503	19022	19287	1.27	cps
Phosphorus	31-1	22409	21387	21728	21841	2.38	cps
Potassium	39-1	2763012836	2856358097	2865048548	2828139827	2.00	cps
Rhodium	103-1	7246067	7266297	7452028	7321464	1.55	cps
Scandium	45-1	5801501	5948018	5877528	5875682	1.25	cps
Selenium	82-1	208	39	255	167	68.04	cps
Selenium	77-1	125	117	133	125	6.67	cps
Selenium	78-1						cps
Silicon	28-1	774868	766849	747792	763170	1.82	cps
Silver	107-1	5760	5001	5251	5337	7.24	cps
Silver	109-1	4951	4843	4659	4818	3.06	cps
Sodium	23-1	5187701919	5386407338	5468395563	5347501607	2.70	cps
Strontium	86-1	26716	24771	23928	25139	5.69	cps
Strontium	88-1	218288	209382	196495	208055	5.27	cps
Sulfur	34-1	440187	445627	450452	445422	1.15	cps
Terbium	159-1	9252273	9254169	9492731	9333058	1.48	cps
Thallium	203-1	2392	2167	2025	2195	8.43	cps
Thallium	205-1	5626	5726	4651	5335	11.14	cps
Tin	118-1	5885	5751	5760	5799	1.29	cps
Titanium	47-1	3075	3359	2634	3023	12.09	cps
Uranium	238-1	3734	3059	2842	3212	14.48	cps
Vanadium	51-1	7640	8091	7199	7643	5.83	cps
Yttrium	89-1	12057693	12418570	12428596	12301620	1.72	cps
Zinc	66-1	35993	36094	35098	35728	1.53	cps
Zirconium	90-1	8461	7952	7235	7883	7.81	cps
Zirconium	91-1	1675	1817	1567	1686	7.44	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:43:55	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	4708502	4699069	4776183	4727918	0.89	cps
Antimony	121-1	1221728	1240599	1235249	1232525	0.79	cps
Arsenic	75-1	385348	388489	385418	386418	0.46	cps
Barium	135-1	136418	138160	136107	136895	0.81	cps
Barium	137-1	234357	234695	239758	236270	1.28	cps
Beryllium	9-1	118263	119298	119600	119054	0.59	cps
Bismuth	209-1	5530227	5551310	5548604	5543380	0.21	cps
Boron	10-1	76589	80057	80417	79021	2.68	cps
Boron	11-1	418784	417762	416745	417764	0.24	cps
Bromine	81-1	5643	5793	5409	5615	3.44	cps
Cadmium	111-1	174722	177542	177858	176707	0.98	cps
Cadmium	106-1	32028	32304	32036	32122	0.49	cps
Cadmium	108-1	20331	19997	20235	20188	0.85	cps
Calcium	43-1	46857	49005	47258	47706	2.39	cps
Calcium	44-1	726542	732265	724042	727616	0.58	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	1224890	1226310	1242027	1231076	0.77	cps
Cobalt	59-1	1529426	1540056	1499294	1522925	1.39	cps
Copper	63-1	818803	826149	833778	826243	0.91	cps
Dysprosium	156-1	8	33	0	14	124.91	cps
Erbium	164-1	17	33	75	42	72.11	cps
Gadolinium	160-1	92	58	58	69	27.72	cps
Holmium	165-1	8575052	8563595	8513402	8550683	0.38	cps
Indium	115-1	7490722	7596674	7520912	7536103	0.72	cps
Iron	54-1						cps
Iron	56-1	32129640	31806383	31560916	31832313	0.90	cps
Iron	57-1	736224	743835	741331	740463	0.52	cps
Krypton	83-1	687	710	710	702	1.92	cps
Lead	206-1	857017	875116	874743	868959	1.19	cps
Lead	207-1	669473	675840	684012	676441	1.08	cps
Lead	208-1	1398284	1354778	1365004	1372689	1.66	cps
Lithium	6-1	2027442	1998643	2000829	2008971	0.80	cps
Magnesium	24-1	8946365	8977654	8934004	8952674	0.25	cps
Manganese	55-1	1676465	1686637	1663167	1675423	0.70	cps
Molybdenum	94-1	11749117	11873969	11740549	11787878	0.63	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:43:55	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	17084599	17288694	17180368	17184554	0.59	cps
Molybdenum	96-1	18860719	19010618	18972554	18947963	0.41	cps
Molybdenum	97-1	10567652	10603891	10746435	10639326	0.89	cps
Molybdenum	98-1	27343701	27695530	27497442	27512224	0.64	cps
Neodymium	150-1	20	7	13	13	49.99	cps
Nickel	60-1	332449	336416	332736	333867	0.66	cps
Phosphorus	31-1	16376	15915	15584	15958	2.49	cps
Potassium	39-1	26913976	27179052	26986582	27026537	0.51	cps
Rhodium	103-1	7680218	7632408	7604424	7639017	0.50	cps
Scandium	45-1	5627378	5637468	5611388	5625411	0.23	cps
Selenium	82-1	22750	22495	22403	22549	0.80	cps
Selenium	77-1	18354	18404	17803	18187	1.83	cps
Selenium	78-1						cps
Silicon	28-1	3114213	3267112	3266140	3215822	2.74	cps
Silver	107-1	397918	401466	398184	399189	0.50	cps
Silver	109-1	380435	377038	378251	378575	0.45	cps
Sodium	23-1	21773620	21698062	21718509	21730063	0.18	cps
Strontium	86-1	1020278	1022872	1018522	1020557	0.21	cps
Strontium	88-1	8860123	8895230	8836234	8863862	0.33	cps
Sulfur	34-1	466729	461449	451976	460051	1.62	cps
Terbium	159-1	8937007	8959464	8980757	8959076	0.24	cps
Thallium	203-1	1015400	1043847	1045339	1034862	1.63	cps
Thallium	205-1	2665313	2706976	2682545	2684945	0.78	cps
Tin	118-1	2368081	2338535	2360726	2355781	0.65	cps
Titanium	47-1	5029451	5039246	4874178	4980959	1.86	cps
Uranium	238-1	7376569	7528527	7395825	7433640	1.11	cps
Vanadium	51-1	1412120	1463353	1404868	1426780	2.23	cps
Yttrium	89-1	11732680	11901340	11675867	11769962	1.00	cps
Zinc	66-1	431811	437482	437651	435648	0.76	cps
Zirconium	90-1	5512623	5630523	5517910	5553685	1.20	cps
Zirconium	91-1	1216265	1234489	1223460	1224738	0.75	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:46:33	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	12598	12267	11957	12274	2.61	cps
Antimony	121-1	850	833	933	872	6.14	cps
Arsenic	75-1	-1450	-1440	-1521	-1471	-3.01	cps
Barium	135-1	33	33	17	28	34.63	cps
Barium	137-1	50	92	33	58	51.51	cps
Beryllium	9-1	60	53	67	60	11.12	cps
Bismuth	209-1	5445231	5426084	5379943	5417086	0.62	cps
Boron	10-1	1550	1483	1358	1464	6.65	cps
Boron	11-1	8202	7844	7961	8002	2.29	cps
Bromine	81-1	6126	5935	5901	5987	2.03	cps
Cadmium	111-1	2606	2636	2703	2648	1.88	cps
Cadmium	106-1	3709	3751	3834	3764	1.69	cps
Cadmium	108-1	4	21	8	11	78.05	cps
Calcium	43-1	400	325	433	386	14.37	cps
Calcium	44-1	27256	27473	26196	26975	2.53	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	16175	16416	16139	16243	0.93	cps
Cobalt	59-1	801	601	641	681	15.56	cps
Copper	63-1	2944	2570	2567	2694	8.04	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Erbium	164-1	33	33	42	36	13.33	cps
Gadolinium	160-1	83	75	83	81	5.98	cps
Holmium	165-1	8215428	8347402	8410176	8324335	1.19	cps
Indium	115-1	7439075	7492933	7461163	7464390	0.36	cps
Iron	54-1						cps
Iron	56-1	4253826	4240549	4274855	4256410	0.41	cps
Iron	57-1	65036	67078	67017	66377	1.75	cps
Krypton	83-1	657	703	630	663	5.60	cps
Lead	206-1	491	430	390	437	11.53	cps
Lead	207-1	531	320	290	380	34.41	cps
Lead	208-1	714	591	660	655	9.40	cps
Lithium	6-1	1955498	1987661	2041349	1994836	2.17	cps
Magnesium	24-1	14822	14341	13389	14184	5.14	cps
Manganese	55-1	10254	9523	10344	10040	4.49	cps
Molybdenum	94-1	2875	2409	2100	2461	15.86	cps

LB Number : LB121723 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired : 2022-08-24 13:46:33 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	3684	3209	2467	3120	19.66	cps
Molybdenum	96-1	4542	3709	3434	3895	14.82	cps
Molybdenum	97-1	2375	2034	1633	2014	18.43	cps
Molybdenum	98-1	6168	5234	4818	5407	12.79	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Nickel	60-1	243	147	153	181	29.81	cps
Phosphorus	31-1	16366	16476	16386	16409	0.36	cps
Potassium	39-1	5887624	5893663	5901242	5894176	0.12	cps
Rhodium	103-1	7470257	7478363	7545648	7498090	0.55	cps
Scandium	45-1	5417308	5496066	5401682	5438352	0.93	cps
Selenium	82-1	73	32	50	52	39.12	cps
Selenium	77-1	75	83	33	64	41.93	cps
Selenium	78-1						cps
Silicon	28-1	477561	446806	428780	451049	5.47	cps
Silver	107-1	608	817	525	650	23.11	cps
Silver	109-1	583	525	450	519	12.87	cps
Sodium	23-1	659326	651463	646082	652290	1.02	cps
Strontium	86-1	1250	1317	1292	1286	2.62	cps
Strontium	88-1	2417	2109	1875	2134	12.74	cps
Sulfur	34-1	457583	460361	466985	461643	1.05	cps
Terbium	159-1	8745726	8867739	9008172	8873879	1.48	cps
Thallium	203-1	1017	992	908	972	5.83	cps
Thallium	205-1	2650	2284	2225	2386	9.66	cps
Tin	118-1	1925	1975	1600	1834	11.11	cps
Titanium	47-1	1200	1025	1158	1128	8.11	cps
Uranium	238-1	1250	983	1100	1111	12.03	cps
Vanadium	51-1	330	440	320	364	18.33	cps
Yttrium	89-1	11470397	11623994	11442439	11512276	0.85	cps
Zinc	66-1	1543	1383	1227	1385	11.44	cps
Zirconium	90-1	1542	1408	1283	1411	9.16	cps
Zirconium	91-1	342	300	325	322	6.51	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:49:13	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	901192020	923201669	907240609	910544766	1.25	cps
Antimony	121-1	7260	7844	7060	7388	5.51	cps
Arsenic	75-1	1294	1756	2620	1890	35.60	cps
Barium	135-1	1825	1925	2109	1953	7.36	cps
Barium	137-1	3242	3359	3342	3314	1.90	cps
Beryllium	9-1	447	340	367	384	14.44	cps
Bismuth	209-1	5301358	5387519	5446230	5378369	1.35	cps
Boron	10-1	1217	1208	1200	1208	0.69	cps
Boron	11-1	6668	6568	6643	6627	0.79	cps
Bromine	81-1	6627	7069	6560	6752	4.09	cps
Cadmium	111-1	3798	3007	3321	3375	11.80	cps
Cadmium	106-1	4351	3459	3734	3848	11.87	cps
Cadmium	108-1	1479	1438	1454	1457	1.44	cps
Calcium	43-1	2011198	2018156	2072939	2034097	1.66	cps
Calcium	44-1	30908855	31811930	32333808	31684864	2.28	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	246100	251867	254031	250666	1.64	cps
Cobalt	59-1	17618	18110	17448	17725	1.94	cps
Copper	63-1	69779	71048	72679	71168	2.04	cps
Dysprosium	156-1	8	33	25	22	57.29	cps
Erbium	164-1	92	67	42	67	37.50	cps
Gadolinium	160-1	75	117	117	103	23.41	cps
Holmium	165-1	8705919	8912867	8751766	8790184	1.24	cps
Indium	115-1	7392336	7496293	7412725	7433785	0.74	cps
Iron	54-1						cps
Iron	56-1	1343422015	1320459013	1388428179	1350769735	2.56	cps
Iron	57-1	32609355	34345196	33919498	33624683	2.69	cps
Krypton	83-1	723	607	653	661	8.88	cps
Lead	206-1	30726	31810	31077	31204	1.77	cps
Lead	207-1	23836	25771	23294	24301	5.36	cps
Lead	208-1	40313	43098	39516	40976	4.59	cps
Lithium	6-1	2042978	2033399	1973101	2016493	1.88	cps
Magnesium	24-1	726251806	751346760	742554528	740051032	1.72	cps
Manganese	55-1	126213	123808	129847	126623	2.40	cps
Molybdenum	94-1	3600916	3673727	3724047	3666230	1.69	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:49:13	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	6348647	6419428	6573274	6447116	1.78	cps
Molybdenum	96-1	6828523	6940956	7055570	6941683	1.64	cps
Molybdenum	97-1	3989644	4026464	4069733	4028614	1.00	cps
Molybdenum	98-1	10176724	10378551	10362592	10305955	1.09	cps
Neodymium	150-1	47	33	27	36	28.64	cps
Nickel	60-1	17450	17510	17941	17634	1.52	cps
Phosphorus	31-1	43684224	44378637	44356835	44139899	0.89	cps
Potassium	39-1	1055613636	1067838501	1071014357	1064822165	0.76	cps
Rhodium	103-1	7362584	7314089	7249752	7308808	0.77	cps
Scandium	45-1	5493992	5599686	5600499	5564726	1.10	cps
Selenium	82-1	31	164	31	75	102.18	cps
Selenium	77-1	458	550	692	567	20.75	cps
Selenium	78-1						cps
Silicon	28-1	511972	506236	514281	510830	0.81	cps
Silver	107-1	1225	1158	825	1070	20.04	cps
Silver	109-1	1300	942	900	1047	21.00	cps
Sodium	23-1	1036466550	1046344307	1047901264	1043570707	0.59	cps
Strontium	86-1	69397	70193	72060	70550	1.94	cps
Strontium	88-1	602210	611401	609798	607803	0.81	cps
Sulfur	34-1	3567404	3699507	3637179	3634697	1.82	cps
Terbium	159-1	9095504	9091842	9158726	9115357	0.41	cps
Thallium	203-1	1483	1392	1467	1447	3.37	cps
Thallium	205-1	3776	3834	4042	3884	3.61	cps
Tin	118-1	1767	1884	2017	1889	6.62	cps
Titanium	47-1	1994601	2047135	2065093	2035610	1.80	cps
Uranium	238-1	333	450	350	378	16.70	cps
Vanadium	51-1	3234	3304	3814	3451	9.19	cps
Yttrium	89-1	11890385	11859754	11760279	11836806	0.57	cps
Zinc	66-1	25809	26567	26834	26403	2.01	cps
Zirconium	90-1	825	1033	1008	956	11.91	cps
Zirconium	91-1	208	250	208	222	10.83	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:54:53	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	896650759	924713441	938036984	919800395	2.30	cps
Antimony	121-1	131106	136866	137624	135199	2.64	cps
Arsenic	75-1	39012	40501	41221	40245	2.80	cps
Barium	135-1	29331	29565	29916	29604	0.99	cps
Barium	137-1	51402	52866	53477	52582	2.03	cps
Beryllium	9-1	24379	23992	24226	24199	0.81	cps
Bismuth	209-1	5428748	5483483	5605504	5505912	1.64	cps
Boron	10-1	6985	7302	7844	7377	5.89	cps
Boron	11-1	37395	40086	40905	39462	4.65	cps
Bromine	81-1	6210	6802	7094	6702	6.72	cps
Cadmium	111-1	36262	36011	36804	36359	1.11	cps
Cadmium	106-1	8027	7852	8102	7994	1.61	cps
Cadmium	108-1	3892	4255	3963	4037	4.76	cps
Calcium	43-1	1982330	2054168	2131899	2056132	3.64	cps
Calcium	44-1	31345380	32516541	32711180	32191034	2.30	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	477312	496430	499690	491144	2.46	cps
Cobalt	59-1	296847	304624	305590	302354	1.59	cps
Copper	63-1	224547	230156	233394	229366	1.95	cps
Dysprosium	156-1	33	17	25	25	33.32	cps
Erbium	164-1	92	25	75	64	54.31	cps
Gadolinium	160-1	100	108	100	103	4.68	cps
Holmium	165-1	8868222	8947791	8948515	8921509	0.52	cps
Indium	115-1	7756198	7566136	7579524	7633953	1.39	cps
Iron	54-1						cps
Iron	56-1	1350612125	1407092363	1425903493	1394535994	2.81	cps
Iron	57-1	32922098	34311029	34960536	34064554	3.06	cps
Krypton	83-1	743	663	780	729	8.18	cps
Lead	206-1	113457	110512	111246	111738	1.37	cps
Lead	207-1	89523	87027	86741	87764	1.74	cps
Lead	208-1	148717	150319	147371	148802	0.99	cps
Lithium	6-1	2035349	2035028	2030753	2033710	0.13	cps
Magnesium	24-1	737521455	754869683	760311285	750900808	1.59	cps
Manganese	55-1	434622	453367	453665	447218	2.44	cps
Molybdenum	94-1	3927626	4113971	4121961	4054519	2.71	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:54:53	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	6525075	6812187	6772511	6703258	2.32	cps
Molybdenum	96-1	7027947	7252455	7315638	7198680	2.10	cps
Molybdenum	97-1	4055219	4133724	4220360	4136434	2.00	cps
Molybdenum	98-1	10586236	10918660	10991282	10832060	1.99	cps
Neodymium	150-1	13	33	20	22	45.83	cps
Nickel	60-1	79580	81866	83672	81706	2.51	cps
Phosphorus	31-1	44712034	45158534	45447078	45105882	0.82	cps
Potassium	39-1	1057901845	1086093295	1100245086	1081413409	1.99	cps
Rhodium	103-1	7468521	7484013	7498768	7483767	0.20	cps
Scandium	45-1	5691660	5653976	5701077	5682238	0.44	cps
Selenium	82-1	2100	2325	2175	2200	5.20	cps
Selenium	77-1	2217	2375	2300	2297	3.45	cps
Selenium	78-1						cps
Silicon	28-1	716497	728720	729994	725070	1.03	cps
Silver	107-1	149986	154653	154829	153156	1.79	cps
Silver	109-1	143321	145030	148000	145450	1.63	cps
Sodium	23-1	1043389112	1050518562	1082222745	1058710140	1.95	cps
Strontium	86-1	176938	184843	180404	180728	2.19	cps
Strontium	88-1	1558565	1608237	1638469	1601757	2.52	cps
Sulfur	34-1	3613316	3706319	3765062	3694899	2.07	cps
Terbium	159-1	9256028	9376370	9463683	9365360	1.11	cps
Thallium	203-1	98609	100606	103780	100998	2.58	cps
Thallium	205-1	237789	241134	248331	242418	2.22	cps
Tin	118-1	241231	251981	249947	247719	2.31	cps
Titanium	47-1	2072823	2090837	2164776	2109479	2.31	cps
Uranium	238-1	702642	729699	739904	724082	2.66	cps
Vanadium	51-1	269392	281885	281990	277756	2.61	cps
Yttrium	89-1	12174154	11958039	12239411	12123868	1.21	cps
Zinc	66-1	68339	70201	70726	69755	1.80	cps
Zirconium	90-1	574097	592593	599237	588642	2.21	cps
Zirconium	91-1	128670	132715	133563	131649	1.99	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:59:00	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	469884108	482553326	482347360	478261598	1.52	cps
Antimony	121-1	3165836	3239910	3200568	3202105	1.16	cps
Arsenic	75-1	902990	921714	926283	916996	1.35	cps
Barium	135-1	3501837	3606031	3568378	3558749	1.48	cps
Barium	137-1	6061815	6193808	6089814	6115146	1.14	cps
Beryllium	9-1	586034	596575	590854	591154	0.89	cps
Bismuth	209-1	5385750	5613205	5518239	5505731	2.07	cps
Boron	10-1	62660	65657	68988	65768	4.81	cps
Boron	11-1	323438	345136	356884	341819	4.96	cps
Bromine	81-1	6218	6277	5818	6104	4.09	cps
Cadmium	111-1	822097	838138	846758	835664	1.50	cps
Cadmium	106-1	90775	91312	94022	92036	1.89	cps
Cadmium	108-1	62710	64426	63024	63387	1.44	cps
Calcium	43-1	5165099	5257477	5379708	5267428	2.04	cps
Calcium	44-1	79637389	80829207	82972544	81146380	2.08	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	6035087	6122164	6171129	6109460	1.13	cps
Cobalt	59-1	7287520	7427948	7401279	7372249	1.01	cps
Copper	63-1	41453458	42373439	43057994	42294964	1.90	cps
Dysprosium	156-1	383	358	492	411	17.24	cps
Erbium	164-1	83	42	67	64	32.83	cps
Gadolinium	160-1	350	400	200	317	32.87	cps
Holmium	165-1	8903755	8810823	9128699	8947759	1.83	cps
Indium	115-1	7403534	7518183	7628777	7516831	1.50	cps
Iron	54-1						cps
Iron	56-1	1724252392	1776485663	1761398496	1754045517	1.53	cps
Iron	57-1	42441870	43867780	43613885	43307845	1.76	cps
Krypton	83-1	717	703	620	680	7.70	cps
Lead	206-1	11076648	11420428	11419696	11305590	1.75	cps
Lead	207-1	9558342	9942513	9860704	9787187	2.07	cps
Lead	208-1	17168488	17932977	17600653	17567373	2.18	cps
Lithium	6-1	1975479	2013053	2046170	2011568	1.76	cps
Magnesium	24-1	1919180913	1927224997	1974360931	1940255614	1.54	cps
Manganese	55-1	80308138	81452337	82224824	81328433	1.19	cps
Molybdenum	94-1	11670872	11857876	12128720	11885823	1.94	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 13:59:00	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	16976546	17206081	17581536	17254721	1.77	cps
Molybdenum	96-1	18665968	18956455	19124472	18915631	1.23	cps
Molybdenum	97-1	10455204	10573002	10659525	10562577	0.97	cps
Molybdenum	98-1	26938120	27293738	27816529	27349462	1.62	cps
Neodymium	150-1	120	260	167	182	39.12	cps
Nickel	60-1	1748851	1735727	1772346	1752308	1.06	cps
Phosphorus	31-1	4510245	4585424	4632854	4576175	1.35	cps
Potassium	39-1	1353345418	1382585737	1395285957	1377072371	1.56	cps
Rhodium	103-1	7283579	7303475	7443677	7343577	1.19	cps
Scandium	45-1	5630713	5633362	5759390	5674488	1.30	cps
Selenium	82-1	56815	57052	57714	57194	0.81	cps
Selenium	77-1	45287	45930	45813	45677	0.75	cps
Selenium	78-1						cps
Silicon	28-1	3012810	3118034	3192822	3107889	2.91	cps
Silver	107-1	4099688	4158662	4155668	4138006	0.80	cps
Silver	109-1	3933075	3976882	4011972	3973976	0.99	cps
Sodium	23-1	2582704373	2673711137	2734657521	2663691011	2.87	cps
Strontium	86-1	26767451	27400860	27567654	27245322	1.55	cps
Strontium	88-1	229592438	234267489	237904089	233921339	1.78	cps
Sulfur	34-1	774917	763432	752862	763737	1.44	cps
Terbium	159-1	9249607	9359452	9393682	9334247	0.81	cps
Thallium	203-1	2705184	2650943	2706395	2687507	1.18	cps
Thallium	205-1	6366648	6398801	6469382	6411610	0.82	cps
Tin	118-1	2439266	2516660	2530885	2495604	1.98	cps
Titanium	47-1	5100948	5162036	5246537	5169840	1.41	cps
Uranium	238-1	8063608	8216031	8226134	8168591	1.11	cps
Vanadium	51-1	7311890	7243632	7412738	7322753	1.16	cps
Yttrium	89-1	11964429	12206954	12154005	12108462	1.05	cps
Zinc	66-1	11102154	11322503	11397495	11274051	1.36	cps
Zirconium	90-1	5838290	6049793	6058593	5982225	2.08	cps
Zirconium	91-1	1260918	1290642	1355421	1302327	3.71	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:04:40	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	17558	19472	19462	18831	5.85	cps
Antimony	121-1	492	675	758	642	21.26	cps
Arsenic	75-1	-1447	-1593	-1363	-1468	-7.93	cps
Barium	135-1	67	17	75	53	59.77	cps
Barium	137-1	75	175	158	136	39.36	cps
Beryllium	9-1	43	33	63	47	32.74	cps
Bismuth	209-1	4918021	5525357	5634599	5359326	7.20	cps
Boron	10-1	1333	1417	1142	1297	10.87	cps
Boron	11-1	7394	7068	6285	6916	8.24	cps
Bromine	81-1	5284	6010	6143	5812	7.95	cps
Cadmium	111-1	2117	2380	2656	2384	11.30	cps
Cadmium	106-1	3017	3392	3759	3389	10.94	cps
Cadmium	108-1	17	17	13	15	15.76	cps
Calcium	43-1	283	367	483	378	26.59	cps
Calcium	44-1	27080	28082	27906	27690	1.93	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	16182	16466	16636	16428	1.40	cps
Cobalt	59-1	561	410	561	511	16.98	cps
Copper	63-1	3324	3447	3434	3402	1.99	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Erbium	164-1	25	8	50	28	75.51	cps
Gadolinium	160-1	67	42	75	61	28.38	cps
Holmium	165-1	7637877	8526327	8608927	8257710	6.52	cps
Indium	115-1	6606082	7434244	7590382	7210236	7.34	cps
Iron	54-1						cps
Iron	56-1	4380474	4450482	4429807	4420254	0.81	cps
Iron	57-1	65388	63297	65529	64738	1.93	cps
Krypton	83-1	707	773	640	707	9.43	cps
Lead	206-1	1161	1241	1392	1265	9.24	cps
Lead	207-1	1141	1051	1191	1128	6.30	cps
Lead	208-1	2154	2018	1877	2016	6.88	cps
Lithium	6-1	1859715	1963673	2003079	1942155	3.81	cps
Magnesium	24-1	35949	39963	37625	37845	5.33	cps
Manganese	55-1	12167	11556	10735	11486	6.26	cps
Molybdenum	94-1	392	458	508	453	12.93	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:04:40	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	550	725	458	578	23.45	cps
Molybdenum	96-1	742	650	592	661	11.44	cps
Molybdenum	97-1	242	250	267	253	5.04	cps
Molybdenum	98-1	800	758	800	786	3.06	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Nickel	60-1	130	133	133	132	1.46	cps
Phosphorus	31-1	16516	16336	16817	16556	1.47	cps
Potassium	39-1	6119126	6166156	6107521	6130934	0.51	cps
Rhodium	103-1	6565427	7404429	7600459	7190105	7.65	cps
Scandium	45-1	4809549	5414645	5433017	5219070	6.80	cps
Selenium	82-1	-41	-35	-12	-29	-53.34	cps
Selenium	77-1	58	42	42	47	20.37	cps
Selenium	78-1						cps
Silicon	28-1	384179	381148	368768	378031	2.16	cps
Silver	107-1	333	333	375	347	6.93	cps
Silver	109-1	342	308	292	314	8.11	cps
Sodium	23-1	823915	826610	814693	821739	0.76	cps
Strontium	86-1	1458	1250	1600	1436	12.26	cps
Strontium	88-1	3175	3025	3250	3150	3.64	cps
Sulfur	34-1	475945	473664	473973	474527	0.26	cps
Terbium	159-1	7883167	8904635	8970637	8586146	7.10	cps
Thallium	203-1	2267	2134	2517	2306	8.44	cps
Thallium	205-1	5351	5668	5126	5382	5.06	cps
Tin	118-1	1417	1250	1425	1364	7.24	cps
Titanium	47-1	258	375	383	339	20.62	cps
Uranium	238-1	100	150	125	125	20.00	cps
Vanadium	51-1	350	240	290	294	18.78	cps
Yttrium	89-1	10144473	11396484	11560971	11033976	7.02	cps
Zinc	66-1	1263	1307	1207	1259	3.98	cps
Zirconium	90-1	725	633	583	647	11.10	cps
Zirconium	91-1	108	150	100	119	22.43	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:10:16	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	175766	168979	169031	171259	2.28	cps
Antimony	121-1	9545	11146	10479	10390	7.74	cps
Arsenic	75-1	-116	316	91	97	222.53	cps
Barium	135-1	11105	11472	11497	11358	1.93	cps
Barium	137-1	19864	19681	20223	19923	1.39	cps
Beryllium	9-1	1017	1000	1187	1068	9.67	cps
Bismuth	209-1	5117150	5322794	5415615	5285186	2.89	cps
Boron	10-1	3467	3234	3284	3328	3.69	cps
Boron	11-1	16167	17886	18028	17360	5.97	cps
Bromine	81-1	5293	5376	5943	5537	6.39	cps
Cadmium	111-1	3872	4198	4230	4100	4.83	cps
Cadmium	106-1	3634	4009	4234	3959	7.66	cps
Cadmium	108-1	108	125	108	114	8.45	cps
Calcium	43-1	8945	8611	9411	8989	4.47	cps
Calcium	44-1	162983	165323	170058	166121	2.17	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	35495	36437	36688	36207	1.74	cps
Cobalt	59-1	12057	13590	12909	12852	5.98	cps
Copper	63-1	17037	17237	17180	17151	0.60	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Erbium	164-1	33	50	17	33	50.00	cps
Gadolinium	160-1	50	67	100	72	35.25	cps
Holmium	165-1	7944524	8319856	8550346	8271575	3.70	cps
Indium	115-1	7031666	7269792	7384320	7228593	2.49	cps
Iron	54-1						cps
Iron	56-1	5024671	5089107	5138164	5083981	1.12	cps
Iron	57-1	82037	81533	83042	82204	0.93	cps
Krypton	83-1	727	650	620	666	8.27	cps
Lead	206-1	4165	4515	4175	4285	4.66	cps
Lead	207-1	3404	3494	3464	3454	1.33	cps
Lead	208-1	5751	5762	5615	5709	1.43	cps
Lithium	6-1	1921417	1966373	1974815	1954201	1.47	cps
Magnesium	24-1	3214758	3333178	3341605	3296514	2.15	cps
Manganese	55-1	24275	24405	24886	24522	1.31	cps
Molybdenum	94-1	11396	11872	11905	11724	2.43	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:10:16	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	13432	14850	14382	14221	5.08	cps
Molybdenum	96-1	15442	16209	16051	15901	2.55	cps
Molybdenum	97-1	9287	9028	9512	9275	2.61	cps
Molybdenum	98-1	22501	23428	23236	23055	2.12	cps
Neodymium	150-1	0	20	20	13	86.60	cps
Nickel	60-1	2800	2830	2740	2790	1.64	cps
Phosphorus	31-1	22550	22690	23232	22824	1.58	cps
Potassium	39-1	10503625	10608439	10652267	10588110	0.72	cps
Rhodium	103-1	6980717	7348284	7468029	7265677	3.50	cps
Scandium	45-1	5129096	5379708	5374047	5294284	2.70	cps
Selenium	82-1	452	497	521	490	7.09	cps
Selenium	77-1	375	442	450	422	9.74	cps
Selenium	78-1						cps
Silicon	28-1	400104	394235	392917	395752	0.97	cps
Silver	107-1	5593	6994	6760	6449	11.64	cps
Silver	109-1	5860	6752	6535	6382	7.29	cps
Sodium	23-1	5063569	5147694	5183652	5131638	1.20	cps
Strontium	86-1	2967	3034	3017	3006	1.15	cps
Strontium	88-1	17678	16159	16793	16877	4.52	cps
Sulfur	34-1	494087	497837	492707	494877	0.54	cps
Terbium	159-1	8297650	8632388	8948574	8626204	3.77	cps
Thallium	203-1	6018	6293	5960	6090	2.92	cps
Thallium	205-1	14967	14224	14900	14697	2.79	cps
Tin	118-1	20407	21859	20173	20813	4.39	cps
Titanium	47-1	4417	4401	4476	4431	0.89	cps
Uranium	238-1	11430	11789	11581	11600	1.55	cps
Vanadium	51-1	57608	60884	61729	60074	3.62	cps
Yttrium	89-1	10828766	11286201	11568454	11227807	3.32	cps
Zinc	66-1	5281	5258	5418	5319	1.63	cps
Zirconium	90-1	9678	9970	9487	9712	2.51	cps
Zirconium	91-1	2234	2084	2275	2197	4.59	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	N3734-03	Instrumnet Name :	P7
Client Sample ID :	WS-MINERALS-MIX-1	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:12:55	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	67586	68270	73806	69888	4.88	cps
Antimony	121-1	167	192	175	178	7.16	cps
Arsenic	75-1	-1738	-1486	-1609	-1611	-7.81	cps
Barium	135-1	117	100	142	119	17.56	cps
Barium	137-1	150	208	142	167	21.79	cps
Beryllium	9-1	40	17	10	22	70.88	cps
Bismuth	209-1	5571580	5573558	5627107	5590748	0.56	cps
Boron	10-1	4276	4584	4684	4515	4.72	cps
Boron	11-1	22834	25096	26281	24737	7.08	cps
Bromine	81-1	11688	11955	11905	11850	1.20	cps
Cadmium	111-1	2747	2703	2685	2712	1.17	cps
Cadmium	106-1	3926	3867	3817	3870	1.40	cps
Cadmium	108-1	25	13	17	18	35.25	cps
Calcium	43-1	433	333	558	442	25.52	cps
Calcium	44-1	29092	28942	29126	29054	0.34	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	16442	16339	16312	16365	0.42	cps
Cobalt	59-1	631	591	591	604	3.83	cps
Copper	63-1	4627	4737	4681	4682	1.18	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Erbium	164-1	83	58	33	58	42.86	cps
Gadolinium	160-1	100	67	50	72	35.25	cps
Holmium	165-1	8686876	8576443	8607612	8623643	0.66	cps
Indium	115-1	7562738	7525167	7730006	7605970	1.43	cps
Iron	54-1						cps
Iron	56-1	4364219	4360735	4372630	4365861	0.14	cps
Iron	57-1	66776	66605	66655	66679	0.13	cps
Krypton	83-1	710	687	700	699	1.67	cps
Lead	206-1	761	741	901	801	10.90	cps
Lead	207-1	691	731	711	711	2.82	cps
Lead	208-1	968	1353	1288	1203	17.12	cps
Lithium	6-1	1998675	1956505	1951662	1968947	1.31	cps
Magnesium	24-1	24023	22971	26062	24352	6.45	cps
Manganese	55-1	11316	10745	11386	11149	3.15	cps
Molybdenum	94-1	325	425	842	531	51.67	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	N3734-03	Instrumnet Name :	P7
Client Sample ID :	WS-MINERALS-MIX-1	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:12:55	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	242	200	717	386	74.36	cps
Molybdenum	96-1	308	317	859	495	63.76	cps
Molybdenum	97-1	133	108	300	181	57.71	cps
Molybdenum	98-1	400	358	1209	656	73.14	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Nickel	60-1	303	220	277	267	15.96	cps
Phosphorus	31-1	17027	17227	16376	16877	2.64	cps
Potassium	39-1	359792530	363878816	365631759	363101035	0.83	cps
Rhodium	103-1	7426360	7653480	7793699	7624513	2.43	cps
Scandium	45-1	5553061	5564105	5635786	5584317	0.80	cps
Selenium	82-1	63	-10	1	18	218.42	cps
Selenium	77-1	58	42	25	42	40.00	cps
Selenium	78-1						cps
Silicon	28-1	1442225	1447094	1459693	1449671	0.62	cps
Silver	107-1	250	317	275	281	12.00	cps
Silver	109-1	200	175	225	200	12.50	cps
Sodium	23-1	213094642	213337045	219560147	215330611	1.70	cps
Strontium	86-1	1250	1475	2535	1753	39.13	cps
Strontium	88-1	2817	2767	10537	5374	83.22	cps
Sulfur	34-1	496064	496891	491499	494818	0.59	cps
Terbium	159-1	8941232	8996737	9092124	9010031	0.85	cps
Thallium	203-1	2025	1834	2167	2009	8.33	cps
Thallium	205-1	4893	5268	5360	5173	4.78	cps
Tin	118-1	1508	1600	1658	1589	4.76	cps
Titanium	47-1	425	400	475	433	8.81	cps
Uranium	238-1	58	67	50	58	14.29	cps
Vanadium	51-1	320	280	220	274	18.41	cps
Yttrium	89-1	11777755	11882251	11782808	11814271	0.50	cps
Zinc	66-1	1340	1297	1430	1356	5.02	cps
Zirconium	90-1	683	808	792	761	8.92	cps
Zirconium	91-1	175	158	192	175	9.53	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	N3734-05	Instrumnet Name :	P7
Client Sample ID :	WS-TRACE-ELEMENTS	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:15:32	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	68835	67486	70175	68832	1.95	cps
Antimony	121-1	238198	247857	241723	242593	2.01	cps
Arsenic	75-1	62941	65573	65254	64589	2.22	cps
Barium	135-1	1186131	1219686	1205327	1203715	1.40	cps
Barium	137-1	2129240	2214191	2141013	2161481	2.13	cps
Beryllium	9-1	19643	20854	19883	20126	3.19	cps
Bismuth	209-1	5505773	5508208	5453701	5489227	0.56	cps
Boron	10-1	2667	3409	3075	3050	12.18	cps
Boron	11-1	15533	15825	15992	15783	1.47	cps
Bromine	81-1	5935	6543	6352	6277	4.96	cps
Cadmium	111-1	58016	60714	60180	59637	2.40	cps
Cadmium	106-1	8695	9787	9136	9206	5.97	cps
Cadmium	108-1	3580	3721	3971	3757	5.28	cps
Calcium	43-1	492	417	400	436	11.20	cps
Calcium	44-1	28651	28609	29227	28829	1.20	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	482954	501843	494178	492992	1.93	cps
Cobalt	59-1	561	701	591	617	11.95	cps
Copper	63-1	5176374	5295502	5254103	5241993	1.15	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Erbium	164-1	17	33	17	22	43.28	cps
Gadolinium	160-1	58	42	117	72	54.53	cps
Holmium	165-1	8493024	8680451	8431813	8535096	1.52	cps
Indium	115-1	7543889	7686815	7588715	7606473	0.96	cps
Iron	54-1						cps
Iron	56-1	4406844	4481841	4486292	4458326	1.00	cps
Iron	57-1	67470	68797	69129	68465	1.28	cps
Krypton	83-1	720	780	607	702	12.54	cps
Lead	206-1	223896	228092	225577	225855	0.93	cps
Lead	207-1	183396	189750	186990	186712	1.71	cps
Lead	208-1	321686	331854	331961	328501	1.80	cps
Lithium	6-1	1969683	1957683	1962762	1963376	0.31	cps
Magnesium	24-1	20034	19422	18610	19355	3.69	cps
Manganese	55-1	10825	10865	11506	11066	3.46	cps
Molybdenum	94-1	525	750	683	653	17.71	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	N3734-05	Instrumnet Name :	P7
Client Sample ID :	WS-TRACE-ELEMENTS	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:15:32	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	142	108	117	122	14.19	cps
Molybdenum	96-1	275	258	342	292	15.12	cps
Molybdenum	97-1	50	100	50	67	43.30	cps
Molybdenum	98-1	267	267	267	267	0.00	cps
Neodymium	150-1	60	33	67	53	33.08	cps
Nickel	60-1	276628	286461	282124	281738	1.75	cps
Phosphorus	31-1	16155	16987	16967	16703	2.84	cps
Potassium	39-1	6200540	6209147	6181045	6196911	0.23	cps
Rhodium	103-1	7584159	7718817	7582107	7628361	1.03	cps
Scandium	45-1	5502373	5582995	5593702	5559690	0.90	cps
Selenium	82-1	7292	7386	7691	7456	2.79	cps
Selenium	77-1	5760	5868	6143	5924	3.34	cps
Selenium	78-1						cps
Silicon	28-1	717885	732439	729683	726669	1.06	cps
Silver	107-1	158	258	183	200	26.02	cps
Silver	109-1	125	192	142	153	22.71	cps
Sodium	23-1	894297	891940	881272	889169	0.78	cps
Strontium	86-1	1342	1250	1117	1236	9.15	cps
Strontium	88-1	1667	1633	1700	1667	2.00	cps
Sulfur	34-1	495153	498685	500238	498025	0.52	cps
Terbium	159-1	8974054	9010294	8769404	8917917	1.46	cps
Thallium	203-1	42409	43421	43805	43211	1.67	cps
Thallium	205-1	99371	105494	102486	102450	2.99	cps
Tin	118-1	1534	1250	1617	1467	13.11	cps
Titanium	47-1	408	333	425	389	12.56	cps
Uranium	238-1	33	25	25	28	17.31	cps
Vanadium	51-1	190	250	260	234	16.22	cps
Yttrium	89-1	11714144	11802306	11641812	11719421	0.69	cps
Zinc	66-1	2117	2090	2147	2118	1.34	cps
Zirconium	90-1	1567	1650	1267	1495	13.49	cps
Zirconium	91-1	258	358	417	344	23.25	cps

LB Number : LB121723 Operator : Jaswal
 Lab Sample ID : N3734-06 Instrumnet Name : P7
 Client Sample ID : WS-TRACE-ELEMENTS Dilution Factor : 1
 Date & Time Acquired : 2022-08-24 14:18:11 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	132419	134701	134521	133881	0.95	cps
Antimony	121-1	333	450	342	375	17.36	cps
Arsenic	75-1	-1535	-1603	-1417	-1518	-6.18	cps
Barium	135-1	308	258	242	269	12.87	cps
Barium	137-1	567	517	433	506	13.32	cps
Beryllium	9-1	40	37	47	41	12.39	cps
Bismuth	209-1	5440028	5490289	5385542	5438620	0.96	cps
Boron	10-1	166244	179308	184704	176752	5.37	cps
Boron	11-1	881151	943443	1013505	946033	7.00	cps
Bromine	81-1	5860	6201	6060	6040	2.84	cps
Cadmium	111-1	2628	2690	2890	2736	4.99	cps
Cadmium	106-1	3784	3767	4009	3853	3.50	cps
Cadmium	108-1	154	133	83	124	29.45	cps
Calcium	43-1	475	425	333	411	17.48	cps
Calcium	44-1	28368	28551	28376	28431	0.36	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	15865	16643	16699	16402	2.84	cps
Cobalt	59-1	1091	1101	1071	1088	1.41	cps
Copper	63-1	3847	3874	3867	3863	0.36	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Erbium	164-1	83	33	33	50	57.75	cps
Gadolinium	160-1	67	25	67	53	45.58	cps
Holmium	165-1	8395936	8523124	8447425	8455495	0.76	cps
Indium	115-1	7597468	7544646	7553831	7565315	0.37	cps
Iron	54-1						cps
Iron	56-1	4533031	4486645	4520629	4513435	0.53	cps
Iron	57-1	68032	69049	68667	68583	0.75	cps
Krypton	83-1	673	753	737	721	5.85	cps
Lead	206-1	821	801	801	808	1.43	cps
Lead	207-1	761	701	581	681	13.48	cps
Lead	208-1	1204	1511	995	1237	20.97	cps
Lithium	6-1	1943702	1925574	1950387	1939888	0.66	cps
Magnesium	24-1	15524	15905	15684	15704	1.22	cps
Manganese	55-1	14553771	14956684	14980295	14830250	1.62	cps
Molybdenum	94-1	182782	181905	183592	182760	0.46	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	N3734-06	Instrumnet Name :	P7
Client Sample ID :	WS-TRACE-ELEMENTS	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:18:11	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	316016	320424	325441	320627	1.47	cps
Molybdenum	96-1	336863	348515	345657	343678	1.77	cps
Molybdenum	97-1	198926	198668	196899	198164	0.56	cps
Molybdenum	98-1	507305	514988	516108	512800	0.93	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Nickel	60-1	293	267	340	300	12.37	cps
Phosphorus	31-1	17057	16285	16476	16606	2.42	cps
Potassium	39-1	6048966	6053587	6063693	6055415	0.12	cps
Rhodium	103-1	7604284	7652339	7749627	7668750	0.97	cps
Scandium	45-1	5475634	5550931	5591978	5539515	1.07	cps
Selenium	82-1	43	0	-47	-1	-3282.75	cps
Selenium	77-1	58	67	67	64	7.54	cps
Selenium	78-1						cps
Silicon	28-1	1808067	1809025	1817074	1811389	0.27	cps
Silver	107-1	550	517	683	583	15.12	cps
Silver	109-1	508	458	333	433	20.80	cps
Sodium	23-1	1002818	1003162	1011786	1005922	0.51	cps
Strontium	86-1	1292	1217	1292	1267	3.42	cps
Strontium	88-1	1308	1442	1350	1367	4.99	cps
Sulfur	34-1	499809	495224	492158	495731	0.78	cps
Terbium	159-1	8832306	8865542	8764540	8820796	0.58	cps
Thallium	203-1	1442	1392	1467	1433	2.66	cps
Thallium	205-1	3634	3459	3601	3564	2.61	cps
Tin	118-1	1233	1817	1584	1545	19.01	cps
Titanium	47-1	517	458	508	494	6.38	cps
Uranium	238-1	58	25	25	36	53.29	cps
Vanadium	51-1	340	210	260	270	24.29	cps
Yttrium	89-1	11832496	11675639	11879218	11795785	0.90	cps
Zinc	66-1	2572961	2626070	2588651	2595894	1.05	cps
Zirconium	90-1	3709	3851	3867	3809	2.28	cps
Zirconium	91-1	808	883	858	850	4.49	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	N3734-07	Instrumnet Name :	P7
Client Sample ID :	WS-TRACE-ELEMENTS	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:20:48	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	5544393	5578609	5563614	5562205	0.31	cps
Antimony	121-1	292	258	267	272	6.37	cps
Arsenic	75-1	-1463	-1623	-1630	-1572	-6.00	cps
Barium	135-1	58	75	175	103	61.40	cps
Barium	137-1	208	158	208	192	15.06	cps
Beryllium	9-1	37	23	23	28	27.73	cps
Bismuth	209-1	5367810	5448269	5356801	5390960	0.93	cps
Boron	10-1	13089	11538	11038	11888	9.00	cps
Boron	11-1	67229	62049	56261	61847	8.87	cps
Bromine	81-1	6060	5643	6060	5921	4.07	cps
Cadmium	111-1	2587	2669	2469	2575	3.91	cps
Cadmium	106-1	3692	3817	3526	3678	3.98	cps
Cadmium	108-1	8	17	17	14	34.67	cps
Calcium	43-1	517	325	400	414	23.34	cps
Calcium	44-1	27115	29078	27700	27964	3.60	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	17657	16976	17420	17351	1.99	cps
Cobalt	59-1	811	460	691	654	27.22	cps
Copper	63-1	3114	3004	3057	3058	1.80	cps
Dysprosium	156-1	25	25	8	19	49.50	cps
Erbium	164-1	50	42	25	39	32.73	cps
Gadolinium	160-1	50	75	100	75	33.33	cps
Holmium	165-1	8563138	8589292	8413226	8521885	1.11	cps
Indium	115-1	7366234	7552749	7562358	7493780	1.48	cps
Iron	54-1						cps
Iron	56-1	9809984	10003892	10003263	9939046	1.12	cps
Iron	57-1	199066	202552	199388	200335	0.96	cps
Krypton	83-1	653	680	690	674	2.81	cps
Lead	206-1	470	521	410	467	11.80	cps
Lead	207-1	460	450	400	437	7.36	cps
Lead	208-1	671	627	695	664	5.22	cps
Lithium	6-1	1957566	1936277	1937155	1943666	0.62	cps
Magnesium	24-1	22480289	22614743	22575991	22557008	0.31	cps
Manganese	55-1	14712	13490	13300	13834	5.54	cps
Molybdenum	94-1	450	458	442	450	1.85	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	N3734-07	Instrumnet Name :	P7
Client Sample ID :	WS-TRACE-ELEMENTS	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:20:48	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	217	242	167	208	18.33	cps
Molybdenum	96-1	433	400	292	375	19.75	cps
Molybdenum	97-1	150	183	83	139	36.66	cps
Molybdenum	98-1	342	358	375	358	4.65	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Nickel	60-1	307	320	327	318	3.20	cps
Phosphorus	31-1	16686	16536	16245	16489	1.36	cps
Potassium	39-1	5920508	5935235	6013474	5956406	0.84	cps
Rhodium	103-1	7594108	7659919	7671463	7641830	0.55	cps
Scandium	45-1	5561722	5584719	5606511	5584317	0.40	cps
Selenium	82-1	36	53	51	47	20.63	cps
Selenium	77-1	75	33	67	58	37.80	cps
Selenium	78-1						cps
Silicon	28-1	533374	538033	533151	534853	0.52	cps
Silver	107-1	1221364	1274364	1241383	1245704	2.15	cps
Silver	109-1	1174089	1200810	1199694	1191531	1.27	cps
Sodium	23-1	750865	752271	754758	752631	0.26	cps
Strontium	86-1	1133	1217	1275	1208	5.89	cps
Strontium	88-1	1192	1242	1258	1231	2.82	cps
Sulfur	34-1	484209	481021	486334	483854	0.55	cps
Terbium	159-1	8593088	8973735	8765911	8777578	2.17	cps
Thallium	203-1	1183	1250	1117	1183	5.63	cps
Thallium	205-1	3042	2700	3034	2925	6.66	cps
Tin	118-1	1533	1225	1408	1389	11.17	cps
Titanium	47-1	375	275	408	353	19.67	cps
Uranium	238-1	25	42	50	39	32.73	cps
Vanadium	51-1	9418302	9536090	9658366	9537586	1.26	cps
Yttrium	89-1	11853983	11737668	11779319	11790324	0.50	cps
Zinc	66-1	1917	2037	1880	1945	4.21	cps
Zirconium	90-1	925	817	850	864	6.42	cps
Zirconium	91-1	250	233	192	225	13.35	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	PB146293BL	Instrumnet Name :	P7
Client Sample ID :	PB146293BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:26:45	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	40264	41809	40364	40813	2.12	cps
Antimony	121-1	167	125	42	111	57.28	cps
Arsenic	75-1	-1510	-1303	-1654	-1489	-11.84	cps
Barium	135-1	42	17	33	31	41.66	cps
Barium	137-1	75	75	83	78	6.19	cps
Beryllium	9-1	7	27	27	20	57.73	cps
Bismuth	209-1	4876314	5357820	5384793	5206309	5.50	cps
Boron	10-1	2275	1909	2309	2164	10.26	cps
Boron	11-1	11796	11521	10512	11277	6.00	cps
Bromine	81-1	5826	5810	5885	5840	0.67	cps
Cadmium	111-1	2342	2522	2382	2415	3.92	cps
Cadmium	106-1	3367	3584	3409	3453	3.33	cps
Cadmium	108-1	33	17	13	21	52.90	cps
Calcium	43-1	575	333	433	447	27.15	cps
Calcium	44-1	29178	27875	27976	28343	2.56	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	16880	16616	16369	16621	1.54	cps
Cobalt	59-1	691	551	571	604	12.55	cps
Copper	63-1	2284	2277	2320	2294	1.02	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Erbium	164-1	25	42	8	25	66.68	cps
Gadolinium	160-1	75	67	17	53	59.77	cps
Holmium	165-1	7555982	8314251	8337470	8069234	5.51	cps
Indium	115-1	6786628	7419809	7470212	7225550	5.27	cps
Iron	54-1						cps
Iron	56-1	4463974	4563346	4474857	4500726	1.21	cps
Iron	57-1	71341	70818	67349	69836	3.11	cps
Krypton	83-1	747	717	707	723	2.88	cps
Lead	206-1	170	190	210	190	10.53	cps
Lead	207-1	170	190	150	170	11.76	cps
Lead	208-1	459	449	265	391	28.00	cps
Lithium	6-1	1697665	1945309	1886478	1843151	7.02	cps
Magnesium	24-1	10745	11125	11556	11142	3.64	cps
Manganese	55-1	10084	9914	10484	10161	2.88	cps
Molybdenum	94-1	258	250	250	253	1.90	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	PB146293BL	Instrumnet Name :	P7
Client Sample ID :	PB146293BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:26:45	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	58	75	33	56	37.75	cps
Molybdenum	96-1	75	167	183	142	41.18	cps
Molybdenum	97-1	33	50	50	44	21.66	cps
Molybdenum	98-1	125	117	125	122	3.93	cps
Neodymium	150-1	33	7	27	22	62.43	cps
Nickel	60-1	207	200	223	210	5.72	cps
Phosphorus	31-1	16125	17548	16997	16890	4.25	cps
Potassium	39-1	6042454	6007678	5985278	6011803	0.48	cps
Rhodium	103-1	6813916	7662551	7447747	7308071	6.04	cps
Scandium	45-1	4915999	5445378	5452959	5271445	5.84	cps
Selenium	82-1	-76	-46	58	-22	-323.78	cps
Selenium	77-1	58	108	83	83	30.00	cps
Selenium	78-1						cps
Silicon	28-1	431143	433099	432833	432358	0.25	cps
Silver	107-1	233	325	225	261	21.25	cps
Silver	109-1	192	292	167	217	30.53	cps
Sodium	23-1	500779	501764	493772	498772	0.87	cps
Strontium	86-1	1233	1075	1133	1147	6.98	cps
Strontium	88-1	1083	933	842	953	12.81	cps
Sulfur	34-1	500779	504769	499005	501518	0.59	cps
Terbium	159-1	7886546	8694239	8534071	8371619	5.11	cps
Thallium	203-1	750	1017	983	917	15.85	cps
Thallium	205-1	2234	2342	2267	2281	2.43	cps
Tin	118-1	1192	1342	1083	1206	10.76	cps
Titanium	47-1	417	333	383	378	11.10	cps
Uranium	238-1	8	17	8	11	43.34	cps
Vanadium	51-1	240	511	410	387	35.30	cps
Yttrium	89-1	10740964	11521666	11707411	11323347	4.53	cps
Zinc	66-1	1117	1160	1137	1138	1.91	cps
Zirconium	90-1	592	608	617	606	2.10	cps
Zirconium	91-1	100	117	192	136	35.87	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	PB146293BS	Instrumnet Name :	P7
Client Sample ID :	PB146293BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:29:24	DataFile Name :	026DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	90537274	91356168	91987760	91293734	0.80	cps
Antimony	121-1	3033636	3061999	3146210	3080615	1.90	cps
Arsenic	75-1	902550	905754	909261	905855	0.37	cps
Barium	135-1	3405320	3435043	3451011	3430458	0.68	cps
Barium	137-1	5830510	5877744	5882934	5863729	0.49	cps
Beryllium	9-1	569171	576255	578075	574500	0.82	cps
Bismuth	209-1	5198754	5334282	5289245	5274094	1.31	cps
Boron	10-1	58101	62301	63874	61426	4.86	cps
Boron	11-1	299069	321845	332680	317865	5.40	cps
Bromine	81-1	5560	5885	5726	5724	2.84	cps
Cadmium	111-1	777876	797591	800516	791994	1.55	cps
Cadmium	106-1	85234	87338	89200	87257	2.27	cps
Cadmium	108-1	60384	60551	61359	60764	0.86	cps
Calcium	43-1	1126996	1160872	1164202	1150690	1.79	cps
Calcium	44-1	16409862	16864759	16567250	16613957	1.39	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	5821306	5895215	5957212	5891244	1.15	cps
Cobalt	59-1	7027997	7078781	7205553	7104110	1.29	cps
Copper	63-1	40551709	41339329	41017317	40969452	0.97	cps
Dysprosium	156-1	100	75	117	97	21.57	cps
Erbium	164-1	50	25	50	42	34.64	cps
Gadolinium	160-1	150	125	108	128	16.41	cps
Holmium	165-1	8338080	8255537	8301498	8298372	0.50	cps
Indium	115-1	7185584	7223503	7224700	7211262	0.31	cps
Iron	54-1						cps
Iron	56-1	343434332	351008096	349388736	347943721	1.15	cps
Iron	57-1	8402218	8447867	8527884	8459323	0.75	cps
Krypton	83-1	673	730	693	699	4.11	cps
Lead	206-1	10724609	10830037	10913007	10822551	0.87	cps
Lead	207-1	9267325	9393296	9472289	9377637	1.10	cps
Lead	208-1	16361713	16979151	16862292	16734385	1.96	cps
Lithium	6-1	1892960	1879236	1934541	1902246	1.51	cps
Magnesium	24-1	367436143	380522859	374710657	374223220	1.75	cps
Manganese	55-1	78420172	80497827	79742752	79553584	1.32	cps
Molybdenum	94-1	11050394	11269165	11290386	11203315	1.19	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	PB146293BS	Instrumnet Name :	P7
Client Sample ID :	PB146293BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:29:24	DataFile Name :	026DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	15925046	16175128	16464322	16188166	1.67	cps
Molybdenum	96-1	17301491	17632953	17899615	17611353	1.70	cps
Molybdenum	97-1	9819047	9972777	10174479	9988768	1.78	cps
Molybdenum	98-1	25572009	25912752	26456697	25980486	1.72	cps
Neodymium	150-1	193	200	180	191	5.33	cps
Nickel	60-1	1598493	1637443	1640723	1625553	1.45	cps
Phosphorus	31-1	4423305	4406211	4481496	4437004	0.89	cps
Potassium	39-1	270783894	273943534	274352087	273026505	0.72	cps
Rhodium	103-1	7062582	7171150	7285930	7173221	1.56	cps
Scandium	45-1	5350938	5359934	5388369	5366414	0.36	cps
Selenium	82-1	52638	53847	53523	53336	1.17	cps
Selenium	77-1	42244	42219	42370	42278	0.19	cps
Selenium	78-1						cps
Silicon	28-1	3051911	3209878	3267033	3176274	3.51	cps
Silver	107-1	3868020	3913911	4012842	3931591	1.88	cps
Silver	109-1	3734240	3730745	3858218	3774401	1.92	cps
Sodium	23-1	510270913	515682634	522726008	516226518	1.21	cps
Strontium	86-1	25466848	25951421	25890492	25769587	1.02	cps
Strontium	88-1	218427413	220433384	222980647	220613815	1.03	cps
Sulfur	34-1	799794	796702	801593	799363	0.31	cps
Terbium	159-1	8640894	8605856	8709805	8652185	0.61	cps
Thallium	203-1	2578676	2587436	2580670	2582261	0.18	cps
Thallium	205-1	6050688	6162605	6154371	6122555	1.02	cps
Tin	118-1	2324148	2395921	2439601	2386557	2.44	cps
Titanium	47-1	4849007	4943889	4931401	4908099	1.05	cps
Uranium	238-1	7524477	7418623	7560822	7501308	0.98	cps
Vanadium	51-1	6948480	6993242	7069406	7003710	0.87	cps
Yttrium	89-1	11464332	11363880	11552656	11460290	0.82	cps
Zinc	66-1	10643564	10923783	10726315	10764554	1.34	cps
Zirconium	90-1	5536365	5614853	5654754	5601991	1.08	cps
Zirconium	91-1	1212359	1234907	1240356	1229207	1.21	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:32:00	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	448519073	460398392	460013647	456310371	1.48	cps
Antimony	121-1	2955830	3035394	3099027	3030084	2.37	cps
Arsenic	75-1	865814	882233	902282	883443	2.07	cps
Barium	135-1	3289259	3439742	3466580	3398527	2.81	cps
Barium	137-1	5637675	5827698	6004910	5823427	3.15	cps
Beryllium	9-1	558639	577447	576689	570925	1.86	cps
Bismuth	209-1	4925368	5143936	5248016	5105773	3.23	cps
Boron	10-1	63389	66702	68794	66295	4.11	cps
Boron	11-1	322980	343331	354908	340406	4.75	cps
Bromine	81-1	5810	5885	5818	5837	0.70	cps
Cadmium	111-1	786369	793951	814011	798110	1.79	cps
Cadmium	106-1	86970	85595	89040	87201	1.99	cps
Cadmium	108-1	59551	60601	61668	60607	1.75	cps
Calcium	43-1	4901294	5041192	5157237	5033241	2.55	cps
Calcium	44-1	75311597	77492049	78466973	77090206	2.10	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	5661530	5895835	5852274	5803213	2.15	cps
Cobalt	59-1	6740898	7008658	6911586	6887047	1.97	cps
Copper	63-1	39489579	40564759	40298715	40117684	1.40	cps
Dysprosium	156-1	333	350	358	347	3.67	cps
Erbium	164-1	58	67	33	53	32.88	cps
Gadolinium	160-1	325	225	250	267	19.51	cps
Holmium	165-1	8001179	8412540	8490317	8301346	3.17	cps
Indium	115-1	6680103	7034499	7323086	7012563	4.59	cps
Iron	54-1						cps
Iron	56-1	1620224367	1693284024	1696285506	1669931299	2.58	cps
Iron	57-1	39726709	41439450	40985203	40717121	2.18	cps
Krypton	83-1	613	707	767	696	11.11	cps
Lead	206-1	10339971	10742487	10841202	10641220	2.50	cps
Lead	207-1	8994188	9274007	9475084	9247759	2.61	cps
Lead	208-1	16068313	16459258	16893441	16473671	2.51	cps
Lithium	6-1	1829448	1916735	1891578	1879253	2.39	cps
Magnesium	24-1	1826698154	1874901796	1892218392	1864606114	1.82	cps
Manganese	55-1	74635265	78606889	78044374	77095509	2.79	cps
Molybdenum	94-1	11017678	11223105	11512582	11251122	2.21	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:32:00	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	15654706	16237435	16622656	16171599	3.01	cps
Molybdenum	96-1	17216650	17864864	18132771	17738095	2.66	cps
Molybdenum	97-1	9735063	10010001	10223308	9989457	2.45	cps
Molybdenum	98-1	25236251	26045890	26566594	25949578	2.58	cps
Neodymium	150-1	233	153	153	180	25.66	cps
Nickel	60-1	1651827	1694463	1680281	1675524	1.30	cps
Phosphorus	31-1	4402610	4428279	4504778	4445222	1.20	cps
Potassium	39-1	1286839835	1308192546	1326558232	1307196871	1.52	cps
Rhodium	103-1	6611307	6879763	7066617	6852562	3.34	cps
Scandium	45-1	5079598	5283348	5397422	5253456	3.06	cps
Selenium	82-1	53707	54538	55303	54516	1.46	cps
Selenium	77-1	41175	42312	44468	42651	3.92	cps
Selenium	78-1						cps
Silicon	28-1	3032899	3157804	3154351	3115018	2.28	cps
Silver	107-1	3854683	3881031	4007961	3914558	2.09	cps
Silver	109-1	3689741	3806657	3820799	3772399	1.91	cps
Sodium	23-1	2493589822	2566098248	2568556146	2542748072	1.67	cps
Strontium	86-1	24650753	25879275	26132886	25554305	3.10	cps
Strontium	88-1	214389901	223244367	224935497	220856588	2.56	cps
Sulfur	34-1	759485	751469	748484	753146	0.76	cps
Terbium	159-1	8336162	8548361	8839949	8574824	2.95	cps
Thallium	203-1	2516733	2584909	2572052	2557898	1.42	cps
Thallium	205-1	5941536	6146364	6244247	6110716	2.53	cps
Tin	118-1	2307332	2318106	2368549	2331329	1.40	cps
Titanium	47-1	4778640	4968238	4997735	4914871	2.42	cps
Uranium	238-1	7428950	7844469	7714439	7662619	2.77	cps
Vanadium	51-1	6753149	7022458	6977725	6917777	2.09	cps
Yttrium	89-1	10778589	11352599	11589336	11240175	3.71	cps
Zinc	66-1	10607384	10838898	10943619	10796634	1.59	cps
Zirconium	90-1	5447382	5682405	5754958	5628249	2.86	cps
Zirconium	91-1	1210959	1231399	1245054	1229137	1.40	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:39:01	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	20525	20064	18480	19689	5.45	cps
Antimony	121-1	817	617	658	697	15.13	cps
Arsenic	75-1	-1515	-1554	-1628	-1566	-3.66	cps
Barium	135-1	150	142	142	144	3.33	cps
Barium	137-1	208	275	225	236	14.69	cps
Beryllium	9-1	83	67	67	72	13.32	cps
Bismuth	209-1	5242480	5268724	5257777	5256327	0.25	cps
Boron	10-1	1467	1583	1517	1522	3.85	cps
Boron	11-1	8661	8386	8861	8636	2.76	cps
Bromine	81-1	5401	5209	5284	5298	1.82	cps
Cadmium	111-1	2574	2586	2520	2560	1.38	cps
Cadmium	106-1	3642	3651	3551	3614	1.54	cps
Cadmium	108-1	13	4	17	11	57.27	cps
Calcium	43-1	383	450	417	417	8.00	cps
Calcium	44-1	29512	29872	28978	29454	1.53	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	15204	16426	15485	15705	4.07	cps
Cobalt	59-1	631	611	651	631	3.17	cps
Copper	63-1	4297	4267	4104	4223	2.46	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Erbium	164-1	67	17	0	28	124.89	cps
Gadolinium	160-1	75	67	58	67	12.50	cps
Holmium	165-1	8205172	8199759	8146935	8183955	0.39	cps
Indium	115-1	7204401	7340250	7226736	7257129	1.00	cps
Iron	54-1						cps
Iron	56-1	4234808	4235116	4268654	4246193	0.46	cps
Iron	57-1	67077	67057	68455	67529	1.19	cps
Krypton	83-1	597	673	730	667	10.04	cps
Lead	206-1	831	791	701	774	8.61	cps
Lead	207-1	601	541	551	564	5.71	cps
Lead	208-1	970	1002	897	956	5.62	cps
Lithium	6-1	1875046	1950130	1855729	1893635	2.63	cps
Magnesium	24-1	65978	62249	61837	63355	3.60	cps
Manganese	55-1	12979	12698	12999	12892	1.30	cps
Molybdenum	94-1	675	742	592	669	11.23	cps

LB Number :	LB121723	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2022-08-24 14:39:01	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	858	750	833	814	6.97	cps
Molybdenum	96-1	975	783	942	900	11.38	cps
Molybdenum	97-1	475	492	433	467	6.44	cps
Molybdenum	98-1	1367	1000	1158	1175	15.65	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Nickel	60-1	177	143	127	149	17.10	cps
Phosphorus	31-1	15995	15814	15163	15657	2.79	cps
Potassium	39-1	6086850	6055424	6096739	6079671	0.35	cps
Rhodium	103-1	7272894	7207854	7215890	7232213	0.49	cps
Scandium	45-1	5327324	5276033	5237018	5280125	0.86	cps
Selenium	82-1	71	-10	-35	9	643.84	cps
Selenium	77-1	33	17	17	22	43.28	cps
Selenium	78-1						cps
Silicon	28-1	383655	379461	376166	379761	0.99	cps
Silver	107-1	492	342	467	433	18.55	cps
Silver	109-1	317	317	392	342	12.67	cps
Sodium	23-1	793312	791281	780729	788441	0.86	cps
Strontium	86-1	2025	2109	2009	2047	2.62	cps
Strontium	88-1	8536	8211	8737	8495	3.12	cps
Sulfur	34-1	477447	478935	480078	478820	0.28	cps
Terbium	159-1	8665773	8522430	8614850	8601018	0.84	cps
Thallium	203-1	508	600	592	567	8.94	cps
Thallium	205-1	1375	1258	1317	1317	4.43	cps
Tin	118-1	1467	1083	1367	1306	15.23	cps
Titanium	47-1	417	542	550	503	14.86	cps
Uranium	238-1	367	342	250	319	19.23	cps
Vanadium	51-1	330	430	300	354	19.26	cps
Yttrium	89-1	11059684	11091196	11124289	11091723	0.29	cps
Zinc	66-1	1597	1577	1473	1549	4.27	cps
Zirconium	90-1	750	700	892	781	12.74	cps
Zirconium	91-1	125	192	175	164	21.17	cps