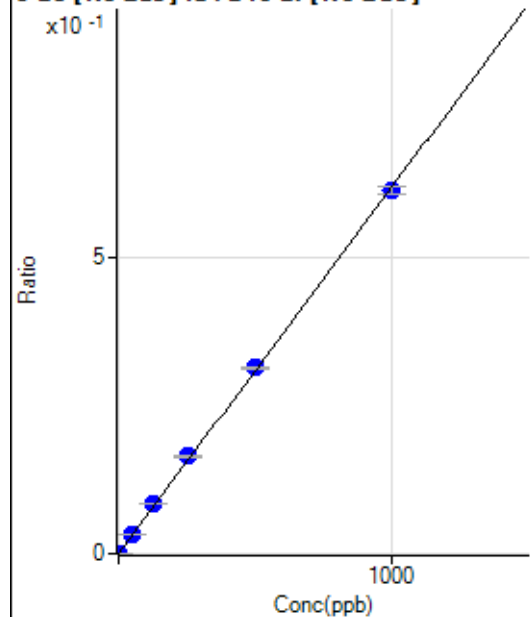


Calibration for 007CALS.d

Batch Folder: D:\ICP-MS Data\P7020620MSA.b\
 Analysis File: P7020620MSA.batch.bin
 DA Date-Time: 2020-02-07 16:15:33
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2020-02-06 16:07:43
2	004CALS.d	S02	2020-02-06 16:10:46
3	005CALS.d	S03	2020-02-06 16:14:21
4	006CALS.d	S04	2020-02-06 16:17:24
5	007CALS.d	S05	2020-02-06 16:20:27
6	008CALS.d	S06	2020-02-06 16:23:31
7	009CALS.d	S07	2020-02-06 16:26:35
8	010CALS.d	S08	2020-02-06 16:29:39

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

	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	90.75	0.0000	P	14.6
2	☐	1.000	1.073	3178.20	0.0007	P	7.3
3	☐	50.000	52.918	156052.43	0.0328	P	0.6
4	☐	125.000	135.173	376881.71	0.0837	P	1.4
5	☐	250.000	266.129	721269.10	0.1647	P	1.3
6	☐	500.000	507.295	1332054.72	0.3140	P	1.2
7	☐	1000.000	990.903	2586343.20	0.6133	P	2.1
8	☐			2027.97	0.0005	P	1.3

$$y = 6.1892\text{E-}004 * x + 1.9347\text{E-}005$$

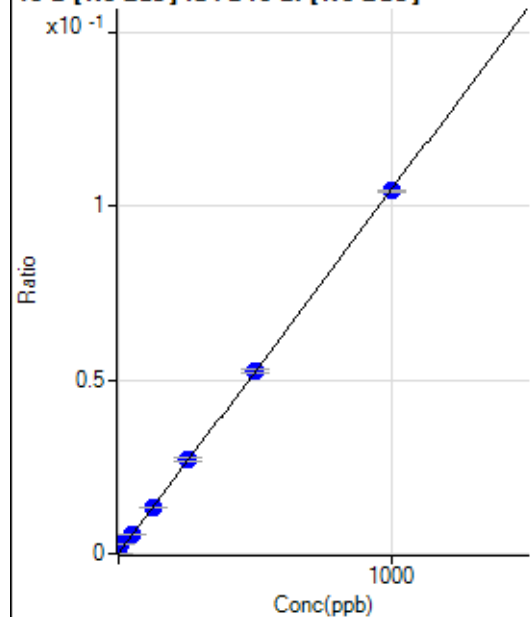
$$R = 0.9998$$

$$DL = 0.01366$$

$$BEC = 0.03126$$

Weight: <None>

Min Conc: 0

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

	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	391.69	0.0001	P	6.8
2	☐	10.000	25.733	12928.25	0.0028	P	1.3
3	☐	50.000	50.880	25775.42	0.0054	P	2.6
4	☐	125.000	127.489	60524.82	0.0134	P	0.6
5	☐	250.000	258.581	118944.21	0.0272	P	3.4
6	☐	500.000	501.743	223309.47	0.0526	P	1.7
7	☐	1000.000	996.471	440614.61	0.1045	P	0.8
8	☐			7946.89	0.0021	P	12.7

$$y = 1.0476\text{E-}004 * x + 8.3441\text{E-}005$$

$$R = 0.9999$$

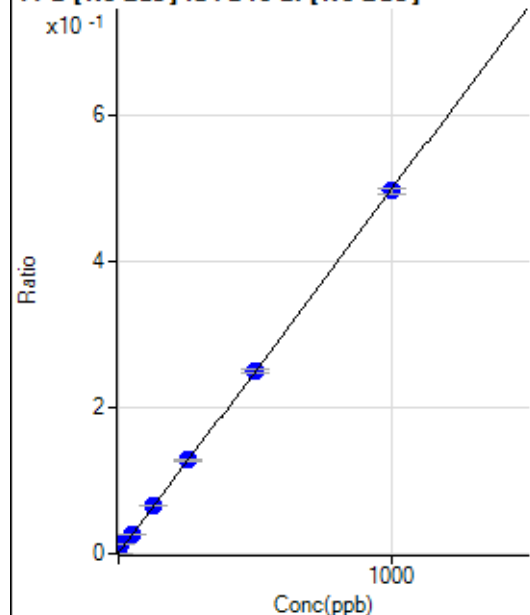
$$DL = 0.163$$

$$BEC = 0.7965$$

Weight: <None>

Min Conc: 0

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1986.32	0.0004	P	5.7
2	☐	10.000	25.997	62157.23	0.0134	P	1.5
3	☐	50.000	51.123	123167.53	0.0259	P	1.3
4	☐	125.000	128.747	290513.35	0.0645	P	0.1
5	☐	250.000	257.448	562812.67	0.1286	P	2.5
6	☐	500.000	502.443	1062533.54	0.2505	P	1.8
7	☐	1000.000	996.232	2092881.93	0.4963	P	1.3
8	☐			37612.08	0.0099	P	9.4

$$y = 4.9770\text{E-}004 * x + 4.2344\text{E-}004$$

$$R = 0.9999$$

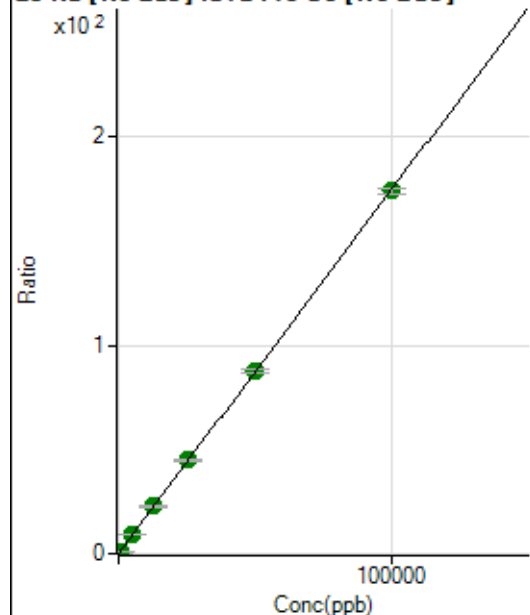
$$DL = 0.1467$$

$$BEC = 0.8508$$

Weight: <None>

Min Conc: 0

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	890687.19	0.0612	P	2.1
2	☐	500.000	526.314	14235892.33	0.9796	A	1.2
3	☐	5000.000	5070.239	133454484.93	8.9086	A	0.7
4	☐	12500.000	12949.440	320821565.50	22.6576	A	1.0
5	☐	25000.000	25659.851	622736875.03	44.8369	A	2.2
6	☐	50000.000	50210.579	1195166626.7	87.6773	A	1.6
7	☐	100000.00	99669.924	2412864831.7	173.982	A	1.5
8	☒	500000.00					

$$y = 0.0017 * x + 0.0612$$

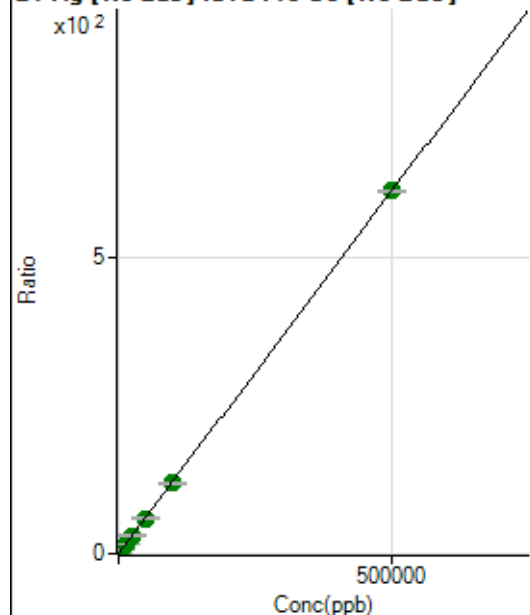
$$R = 1.0000$$

$$DL = 2.188$$

$$BEC = 35.06$$

Weight: <None>

Min Conc: 0

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

	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16468.13	0.0011	P	4.5
2	☐	500.000	519.386	9227121.98	0.6349	A	1.1
3	☐	5000.000	4964.113	90761079.77	6.0587	A	1.3
4	☐	12500.000	12660.646	218778570.50	15.4506	A	1.2
5	☐	25000.000	25100.576	425428671.20	30.6307	A	2.1
6	☐	50000.000	49056.957	816055952.08	59.8641	A	1.4
7	☐	100000.00	97657.484	1652684831.0	119.170	A	1.8
8	☐	500000.00	500554.10	8022321642.0	610.814	A	0.4

$$y = 0.0012 * x + 0.0011$$

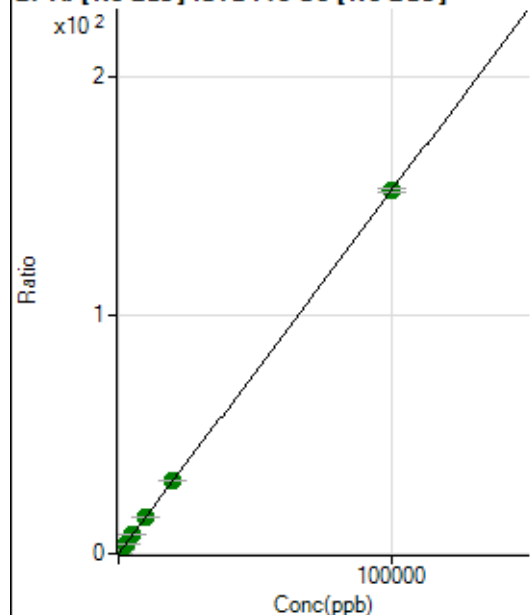
$$R = 1.0000$$

$$DL = 0.1262$$

$$BEC = 0.9268$$

Weight: <None>

Min Conc: 0

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

	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5721.07	0.0004	P	9.2
2	☐	20.000	16.164	363289.45	0.0250	P	1.0
3	☐	1000.000	1006.728	22962486.95	1.5328	A	1.2
4	☐	2500.000	2571.581	55431747.75	3.9149	A	0.3
5	☐	5000.000	5129.078	108445139.16	7.8079	A	2.0
6	☐	10000.000	10069.957	208959504.55	15.3290	A	1.4
7	☐	20000.000	20122.804	424820048.69	30.6315	A	1.2
8	☐	100000.00	99960.134	1998422244.9	152.160	A	1.0

$$y = 0.0015 * x + 3.9327E-004$$

$$R = 1.0000$$

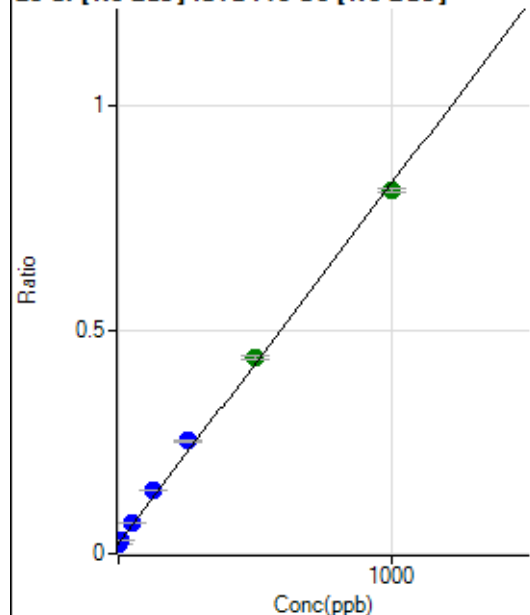
$$DL = 0.0711$$

$$BEC = 0.2584$$

Weight: <None>

Min Conc: 0

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	335450.81	0.0230	P	1.6
2	☐	10.000	10.699	459888.10	0.0316	P	0.7
3	☐	50.000	57.000	1031921.46	0.0689	P	0.6
4	☐	125.000	146.749	1997115.39	0.1411	P	1.3
5	☐	250.000	284.349	3496055.94	0.2517	P	2.6
6	☐	500.000	516.972	5981496.79	0.4388	A	2.0
7	☐	1000.000	979.851	11249121.17	0.8111	A	1.1
8	☐			585016.62	0.0445	P	2.0

$$y = 8.0426E-004 * x + 0.0230$$

R = 0.9990

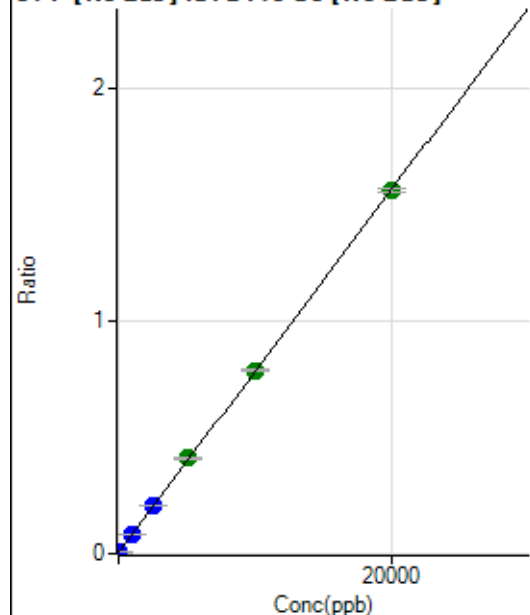
DL = 1.342

BEC = 28.65

Weight: <None>

Min Conc: 0

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-27.604	33270.89	0.0023	P	0.8
2	☐	0.000	27.604	95938.06	0.0066	P	0.8
3	☐	1000.000	1003.100	1241487.12	0.0829	P	0.6
4	☐	2500.000	2600.994	2942237.34	0.2078	P	0.9
5	☐	5000.000	5197.148	5705738.07	0.4108	A	2.0
6	☐	10000.000	10024.037	10744707.39	0.7882	A	1.3
7	☐	20000.000	19925.915	21668952.49	1.5624	A	0.9
8	☐			47526.51	0.0036	P	1.5

$$y = 7.8188E-005 * x + 0.0044$$

R = 0.9999

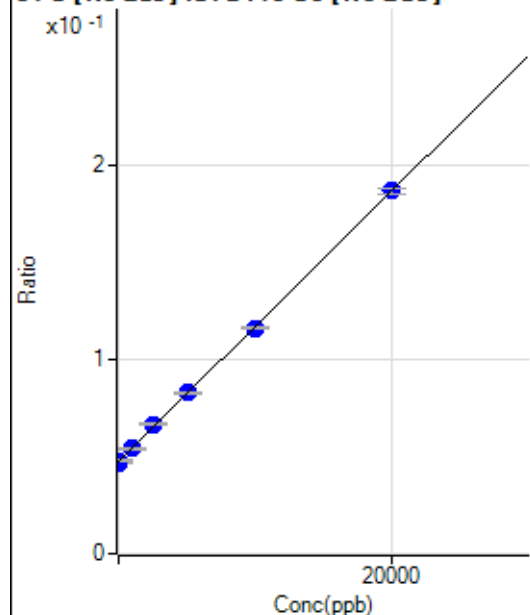
DL = 1.327

BEC = 56.83

Weight: <None>

Min Conc: 0

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-74.862	681651.27	0.0468	P	1.8
2	☐	0.000	74.862	695548.11	0.0479	P	0.7
3	☐	1000.000	952.925	808544.93	0.0540	P	0.4
4	☐	2500.000	2762.372	942485.03	0.0666	P	1.1
5	☐	5000.000	5086.904	1149407.41	0.0827	P	1.6
6	☐	10000.000	9883.199	1583291.02	0.1161	P	0.9
7	☐	20000.000	20006.232	2587794.98	0.1866	P	1.6
8	☐			529485.22	0.0403	P	0.7

$$y = 6.9607E-006 * x + 0.0473$$

R = 0.9999

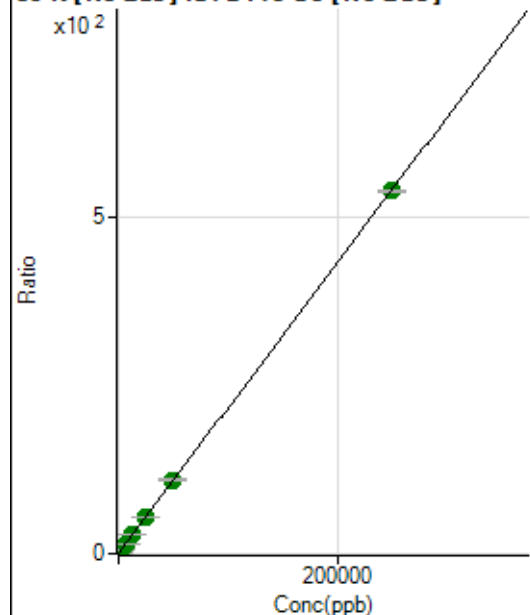
DL = 259.3

BEC = 6801

Weight: <None>

Min Conc: 0

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5839080.39	0.4011	A	1.7
2	☐	500.000	517.973	22017623.64	1.5150	A	0.7
3	☐	2500.000	2516.541	87085046.39	5.8132	A	0.6
4	☐	6250.000	6450.732	202119628.59	14.2743	A	0.9
5	☐	12500.000	12874.010	390128467.98	28.0885	A	2.0
6	☐	25000.000	25518.059	753650720.55	55.2814	A	0.6
7	☐	50000.000	50733.237	1518775708.0	109.510	A	1.2
8	☐	250000.00	249777.62	7060497520.7	537.584	A	0.5

$$y = 0.0022 * x + 0.4011$$

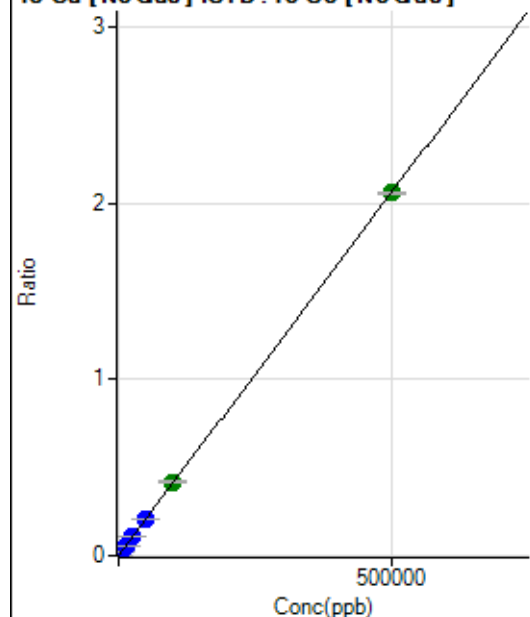
R = 1.0000

DL = 9.396

BEC = 186.5

Weight: <None>

Min Conc: 0

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

	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	355.58	0.0000	P	9.4
2	☐	500.000	509.022	30849.76	0.0021	P	0.7
3	☐	5000.000	4992.471	308659.31	0.0206	P	1.0
4	☐	12500.000	12804.443	747726.58	0.0528	P	0.7
5	☐	25000.000	25641.498	1468348.88	0.1057	P	2.3
6	☐	50000.000	50661.216	2847403.68	0.2089	P	0.5
7	☐	100000.00	101346.42	5794176.09	0.4178	A	1.4
8	☐	500000.00	499624.97	27050155.82	2.0596	A	0.7

$$y = 4.1222\text{E-}006 * x + 2.4438\text{E-}005$$

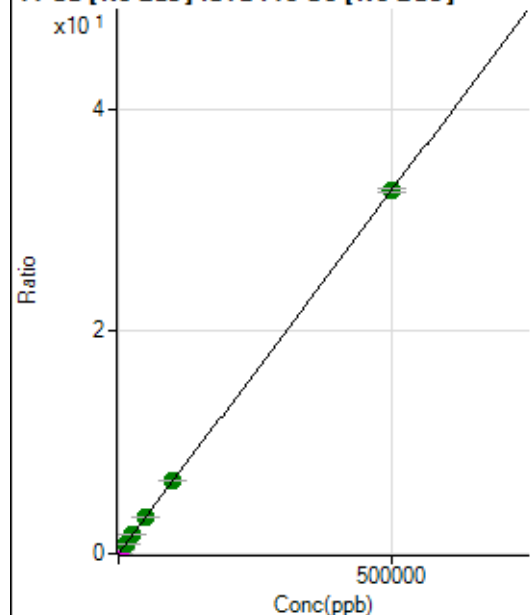
$$R = 1.0000$$

$$DL = 1.667$$

$$BEC = 5.928$$

Weight: <None>

Min Conc: 0

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

	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	18316.60	0.0013	P	2.1
2	☐	500.000	523.455	515539.24	0.0355	P	1.0
3	☐	5000.000	5033.159	4947365.69	0.3303	M	1.3
4	☐	12500.000	12692.120	11764752.52	0.8309	A	0.6
5	☐	25000.000	25567.342	23228612.15	1.6725	A	2.4
6	☐	50000.000	50669.030	45167568.02	3.3133	A	1.1
7	☐	100000.00	101052.25	91625238.16	6.6067	A	1.4
8	☐	500000.00	499689.12	429003592.92	32.6642	A	0.9

$$y = 6.5367\text{E-}005 * x + 0.0013$$

$$R = 1.0000$$

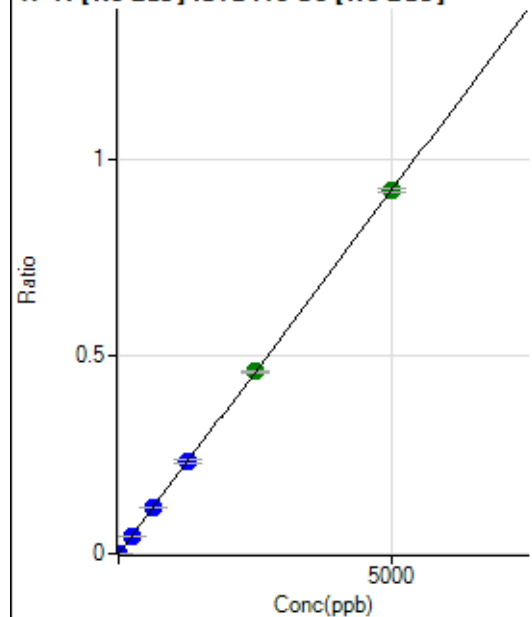
$$DL = 1.197$$

$$BEC = 19.25$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	222.23	0.0000	P	15.4
2	☐	5.000	5.243	14265.80	0.0010	P	1.2
3	☐	250.000	247.841	684551.03	0.0457	P	0.4
4	☐	625.000	632.399	1650627.61	0.1166	P	0.7
5	☐	1250.000	1269.853	3250944.32	0.2341	P	2.2
6	☐	2500.000	2503.532	6290431.26	0.4615	A	1.5
7	☐	5000.000	4992.454	12762220.77	0.9202	A	1.0
8	☐			9950.99	0.0008	P	3.2

$$y = 1.8432E-004 * x + 1.5279E-005$$

R = 1.0000

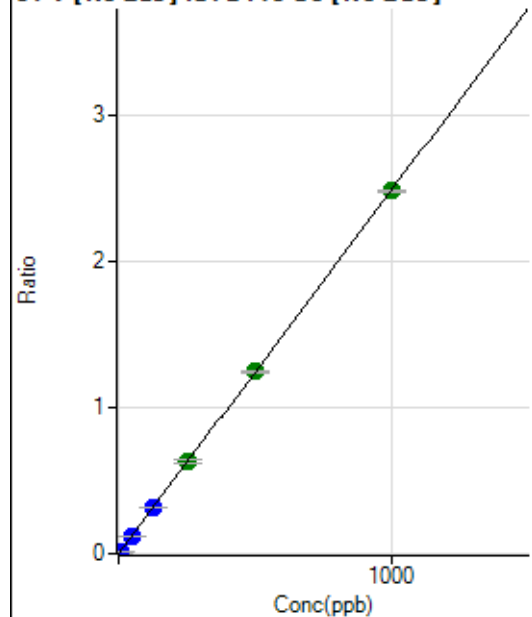
DL = 0.03821

BEC = 0.0829

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	266.69	0.0000	P	42.4
2	☐	5.000	5.385	194551.50	0.0134	P	1.1
3	☐	50.000	49.965	1858628.32	0.1241	P	0.3
4	☐	125.000	128.123	4504317.34	0.3181	P	0.9
5	☐	250.000	254.491	8775195.97	0.6319	A	2.7
6	☐	500.000	500.853	16951233.71	1.2435	A	1.4
7	☐	1000.000	998.060	34367209.57	2.4780	A	0.8
8	☐			40215.76	0.0031	P	1.5

$$y = 0.0025 * x + 1.8388E-005$$

R = 1.0000

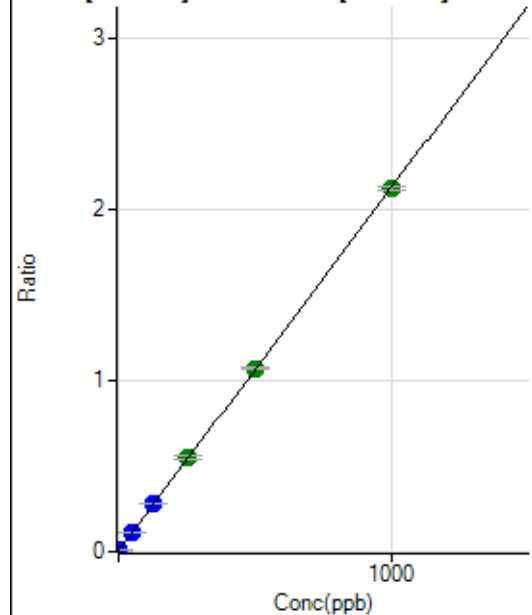
DL = 0.00942

BEC = 0.007406

Weight: <None>

Min Conc: 0

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	49984.98	0.0034	P	1.8
2	☐	2.000	2.124	115597.25	0.0080	P	0.9
3	☐	50.000	50.960	1676384.55	0.1119	P	0.3
4	☐	125.000	130.945	3995175.68	0.2822	P	0.6
5	☐	250.000	258.024	7675355.92	0.5526	A	2.5
6	☐	500.000	502.387	14624023.55	1.0728	A	1.3
7	☐	1000.000	996.009	29450486.58	2.1235	A	1.0
8	☐			550104.68	0.0419	P	0.1

$$y = 0.0021 * x + 0.0034$$

R = 0.9999

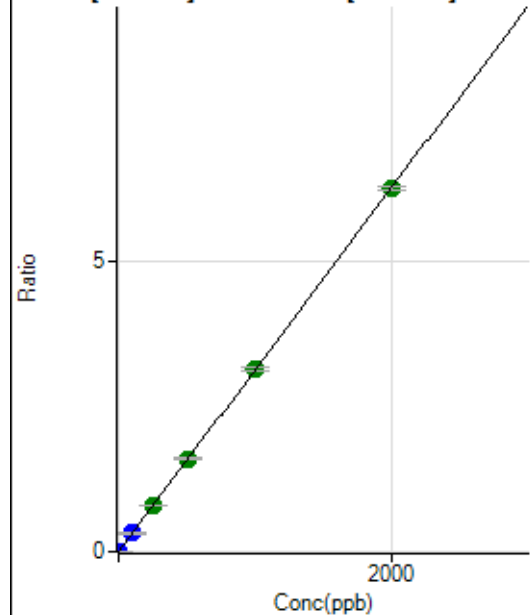
DL = 0.08628

BEC = 1.613

Weight: <None>

Min Conc: 0

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7988.03	0.0005	P	2.0
2	☐	1.000	1.087	57348.52	0.0039	P	1.4
3	☐	100.000	100.238	4701571.96	0.3138	P	0.5
4	☐	250.000	255.704	11324051.34	0.7998	A	0.3
5	☐	500.000	512.002	22232899.31	1.6008	A	2.4
6	☐	1000.000	1005.328	42840469.66	3.1427	A	1.5
7	☐	2000.000	1993.610	86427280.58	6.2317	A	0.9
8	☐			447285.52	0.0341	P	0.4

$$y = 0.0031 * x + 5.4864E-004$$

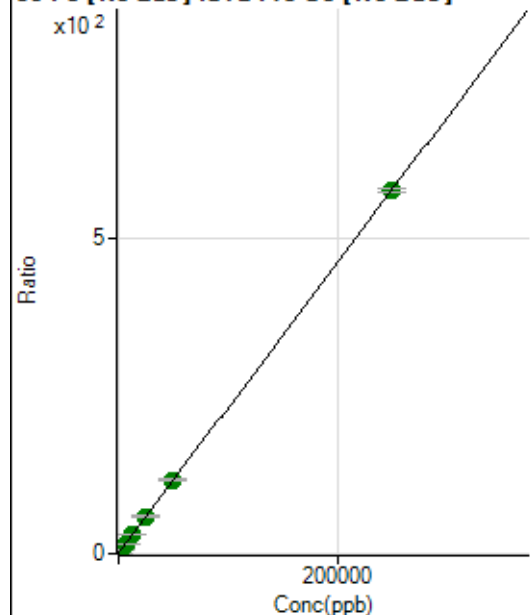
R = 1.0000

DL = 0.01061

BEC = 0.1755

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12145177.63	0.8342	A	1.4
2	☐	50.000	56.142	13996583.27	0.9631	A	0.5
3	☐	2500.000	2505.152	98680493.23	6.5873	A	0.6
4	☐	6250.000	6435.582	221071675.25	15.6136	A	0.3
5	☐	12500.000	12906.675	423239820.42	30.4746	A	2.4
6	☐	25000.000	25431.303	807518187.04	59.2376	A	1.3
7	☐	50000.000	50499.476	1619988120.0	116.807	A	1.1
8	☐	250000.00	249831.94	7546314380.5	574.578	A	0.9

$$y = 0.0023 * x + 0.8342$$

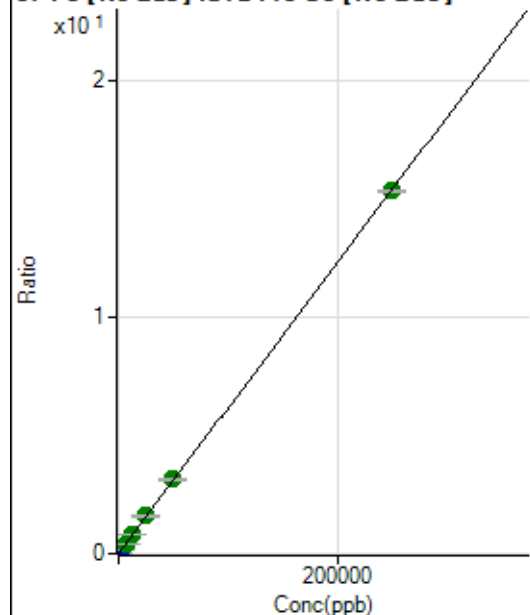
$$R = 1.0000$$

$$DL = 15.59$$

$$BEC = 363.2$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	63835.19	0.0044	P	1.4
2	☐	50.000	59.108	116393.72	0.0080	P	1.4
3	☐	2500.000	2570.032	2426736.82	0.1620	P	0.4
4	☐	6250.000	6551.178	5750734.50	0.4061	A	0.6
5	☐	12500.000	13046.627	11173463.74	0.8045	A	2.0
6	☐	25000.000	25781.848	21611881.85	1.5855	A	1.7
7	☐	50000.000	50974.468	43416766.48	3.1304	A	0.7
8	☐	250000.00	249691.35	201169229.30	15.3169	A	0.3

$$y = 6.1326E-005 * x + 0.0044$$

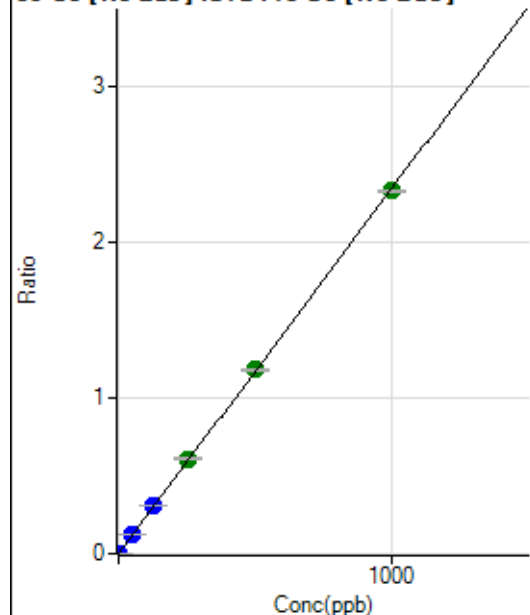
$$R = 1.0000$$

$$DL = 3.089$$

$$BEC = 71.49$$

Weight: <None>

Min Conc: 0

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

	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	760.35	0.0001	P	5.1
2	☐	1.000	1.040	36218.17	0.0025	P	1.9
3	☐	50.000	51.993	1827971.94	0.1220	P	0.6
4	☐	125.000	131.972	4384580.93	0.3096	P	0.7
5	☐	250.000	259.614	8459535.58	0.6091	A	2.1
6	☐	500.000	503.858	16112674.54	1.1821	A	1.8
7	☐	1000.000	994.696	32364254.23	2.3335	A	0.8
8	☐			87579.28	0.0067	P	1.5

$$y = 0.0023 * x + 5.2244E-005$$

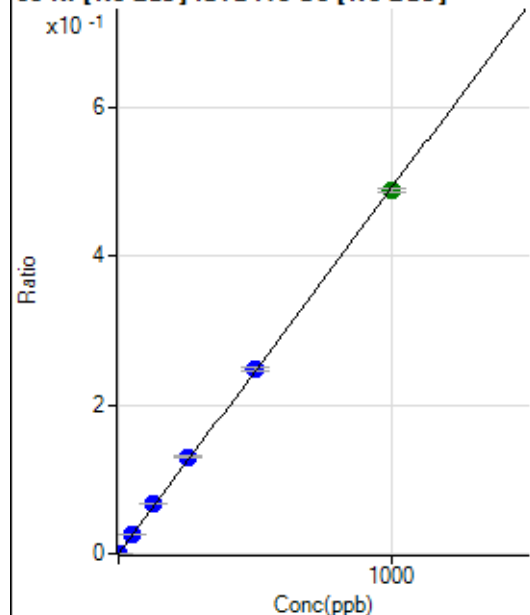
$$R = 0.9999$$

$$DL = 0.003414$$

$$BEC = 0.02227$$

Weight: <None>

Min Conc: 0

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

	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	273.03	0.0000	P	6.3
2	☐	1.000	1.245	9171.31	0.0006	P	2.5
3	☐	50.000	53.064	391420.75	0.0261	P	0.7
4	☐	125.000	135.106	941570.38	0.0665	P	0.6
5	☐	250.000	263.701	1802348.30	0.1298	P	2.3
6	☐	500.000	505.423	3390220.37	0.2487	P	1.7
7	☐	1000.000	992.447	6773001.36	0.4884	A	0.9
8	☐			106752.68	0.0081	P	0.8

$$y = 4.9205E-004 * x + 1.8737E-005$$

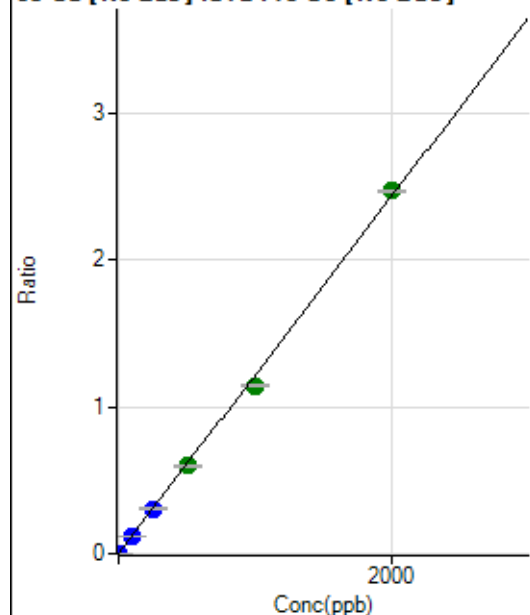
$$R = 0.9998$$

$$DL = 0.007186$$

$$BEC = 0.03808$$

Weight: <None>

Min Conc: 0

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

	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	20397.14	0.0014	P	1.7
2	☐	2.000	2.091	57323.44	0.0039	P	1.2
3	☐	100.000	98.953	1824070.96	0.1218	P	0.6
4	☐	250.000	251.077	4343788.28	0.3068	P	1.0
5	☐	500.000	491.552	8323376.75	0.5993	A	2.4
6	☐	1000.000	941.103	15623839.02	1.1461	A	1.2
7	☐	2000.000	2031.478	34290573.67	2.4724	A	0.7
8	☐			326952.17	0.0249	P	1.0

$$y = 0.0012 * x + 0.0014$$

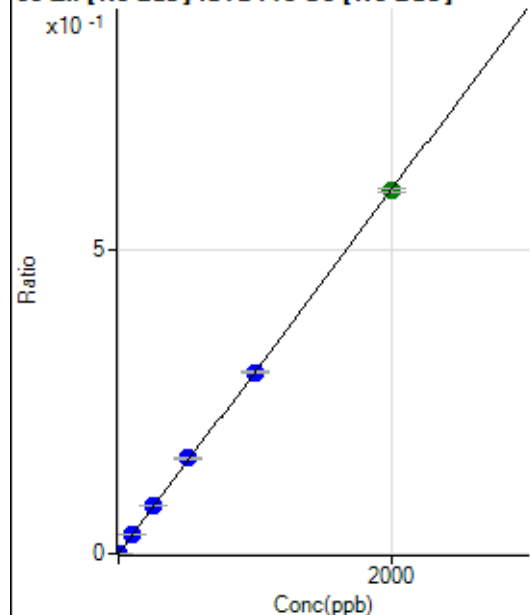
$$R = 0.9993$$

$$DL = 0.05863$$

$$BEC = 1.152$$

Weight: <None>

Min Conc: 0

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

	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1826.14	0.0001	P	7.7
2	☐	2.000	2.441	12439.36	0.0009	P	4.8
3	☐	100.000	103.033	463624.99	0.0309	P	0.6
4	☐	250.000	266.445	1130352.24	0.0798	P	0.7
5	☐	500.000	525.114	2183367.73	0.1572	P	3.0
6	☐	1000.000	996.540	4065640.20	0.2982	P	1.4
7	☐	2000.000	1993.244	8271806.61	0.5964	A	1.0
8	☐			153785.73	0.0117	P	0.8

$$y = 2.9916E-004 * x + 1.2546E-004$$

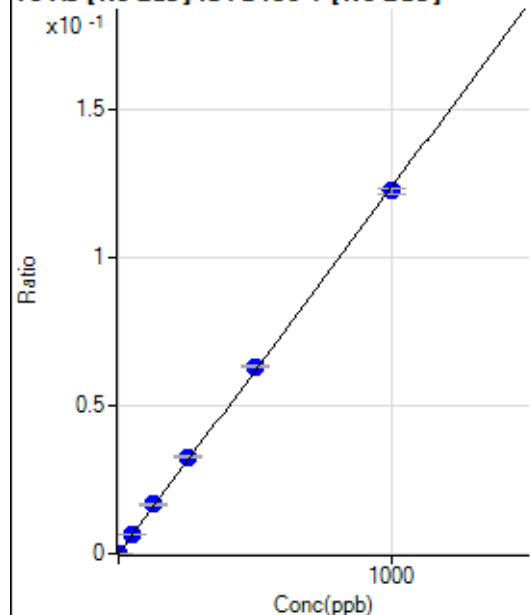
$$R = 0.9999$$

$$DL = 0.09729$$

$$BEC = 0.4194$$

Weight: <None>

Min Conc: 0

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

	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	151.12	0.0000	P	11.5
2	☐	1.000	1.130	4509.73	0.0001	P	3.8
3	☐	50.000	52.489	209628.34	0.0065	P	0.3
4	☐	125.000	133.845	511918.74	0.0166	P	0.7
5	☐	250.000	263.799	1002851.45	0.0326	P	1.9
6	☐	500.000	509.973	1923549.78	0.0631	P	0.9
7	☐	1000.000	990.333	3826195.43	0.1225	P	1.5
8	☐			3856.19	0.0001	P	4.0

$$y = 1.2371\text{E-}004 * x + 4.8188\text{E-}006$$

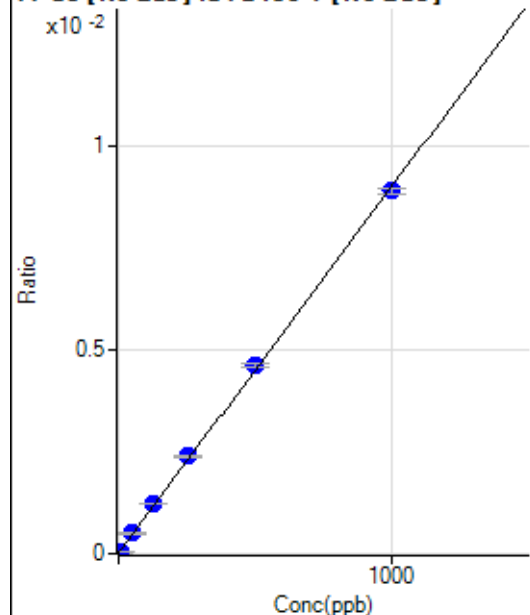
R = 0.9998

DL = 0.0134

BEC = 0.03895

Weight: <None>

Min Conc: 0

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

	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	395.25	0.0000	P	7.1
2	☐	5.000	5.443	1919.22	0.0001	P	2.7
3	☐	50.000	53.770	16002.79	0.0005	P	1.0
4	☐	125.000	134.860	37870.62	0.0012	P	1.1
5	☐	250.000	263.823	73264.33	0.0024	P	2.6
6	☐	500.000	512.544	140876.49	0.0046	P	1.5
7	☐	1000.000	988.849	278049.46	0.0089	P	1.7
8	☐			668.28	0.0000	P	15.1

$$y = 8.9916\text{E-}006 * x + 1.2611\text{E-}005$$

R = 0.9998

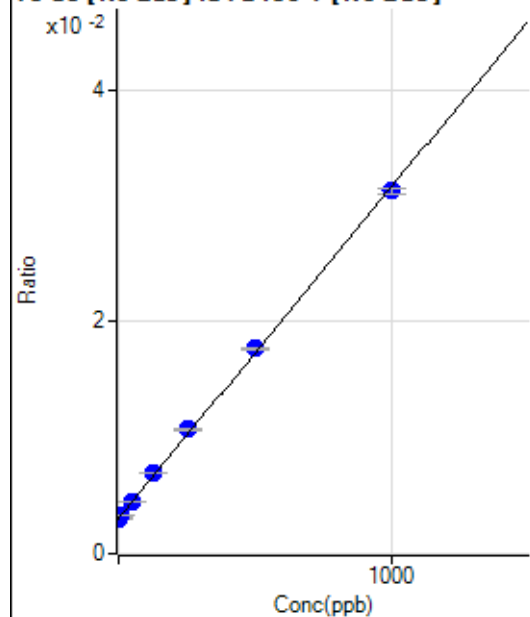
DL = 0.3

BEC = 1.403

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	95214.26	0.0030	P	1.7
2	☐	5.000	8.282	102121.03	0.0033	P	0.8
3	☐	50.000	50.986	145034.25	0.0045	P	0.1
4	☐	125.000	135.578	213630.27	0.0069	P	0.6
5	☐	250.000	270.018	330389.41	0.0108	P	1.8
6	☐	500.000	511.888	538468.45	0.0177	P	1.5
7	☐	1000.000	987.663	976051.84	0.0313	P	1.6
8	☐			88952.35	0.0030	P	0.5

$$y = 2.8569E-005 * x + 0.0030$$

$$R = 0.9997$$

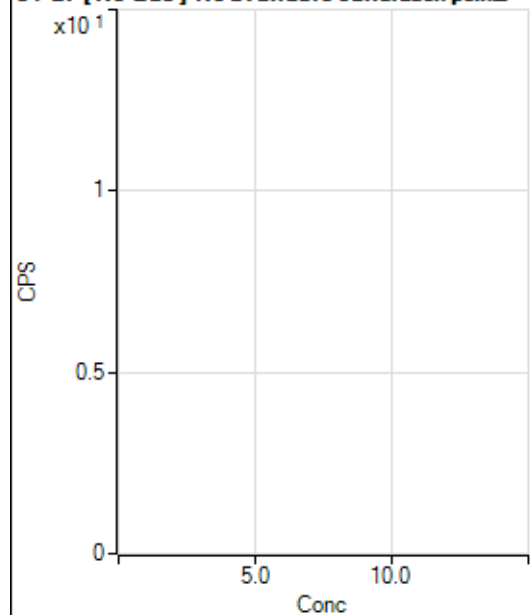
$$DL = 5.387$$

$$BEC = 106.4$$

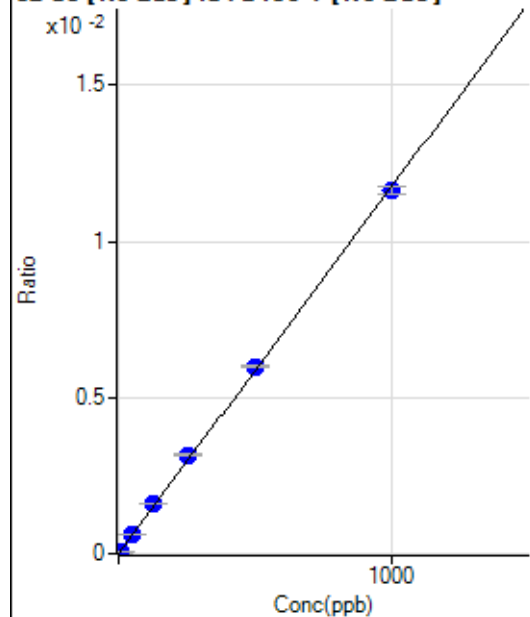
Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points



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

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19.99	0.0000	P	143.
2	☐	5.000	5.890	2176.19	0.0001	P	3.1
3	☐	50.000	52.615	19955.98	0.0006	P	1.0
4	☐	125.000	134.823	48959.30	0.0016	P	0.6
5	☐	250.000	268.597	96948.83	0.0032	P	1.7
6	☐	500.000	510.556	182840.41	0.0060	P	0.5
7	☐	1000.000	988.709	362633.47	0.0116	P	2.3
8	☐			530.48	0.0000	P	3.2

$$y = 1.1745E-005 * x + 6.4433E-007$$

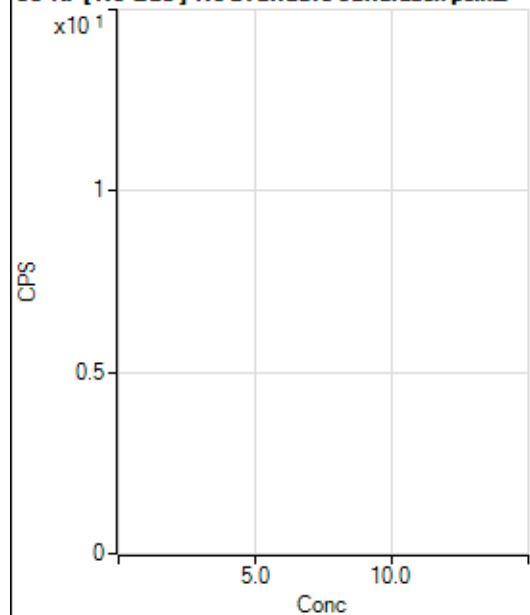
$$R = 0.9997$$

$$DL = 0.236$$

$$BEC = 0.05486$$

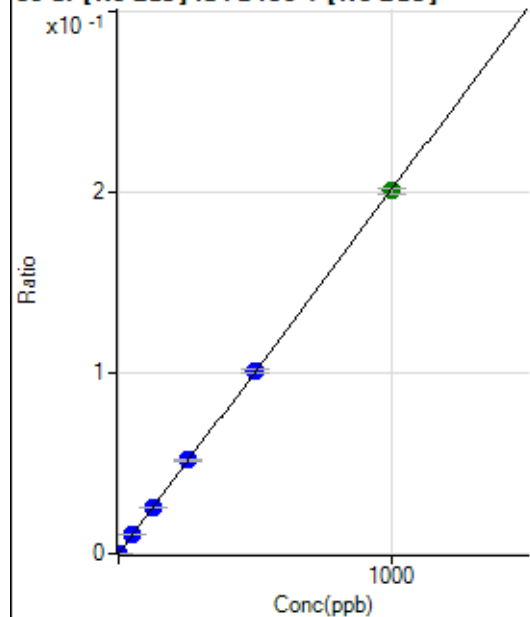
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			668.92		P	3.0
2	☐			661.14		P	6.4
3	☐			627.80		P	6.6
4	☐			697.81		P	7.6
5	☐			647.80		P	6.4
6	☐			642.25		P	3.8
7	☐			697.81		P	4.7
8	☐			688.92		P	0.3

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1100.09	0.0000	P	10.3
2	☐	1.000	1.002	7379.95	0.0002	P	1.2
3	☐	50.000	50.543	329084.18	0.0102	P	1.0
4	☐	125.000	128.623	800648.05	0.0259	P	0.5
5	☐	250.000	256.136	1583859.04	0.0516	P	2.3
6	☐	500.000	502.423	3081815.59	0.1011	P	1.4
7	☐	1000.000	996.774	6262207.21	0.2005	A	1.4
8	☐			17834.01	0.0006	P	1.1

$$y = 2.0114\text{E-}004 * x + 3.5141\text{E-}005$$

$$R = 1.0000$$

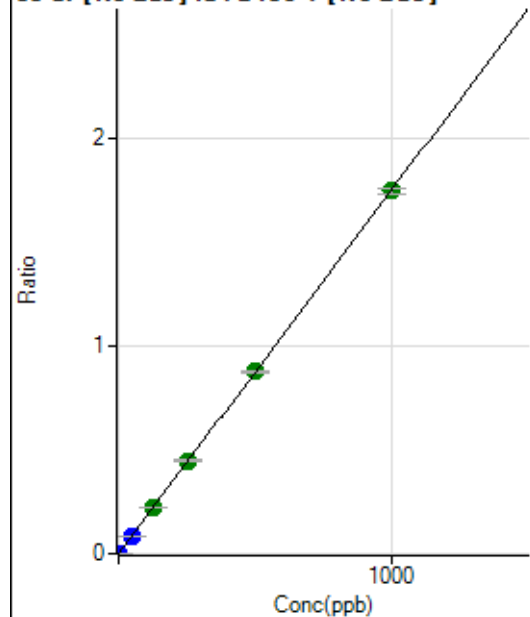
$$DL = 0.05406$$

$$BEC = 0.1747$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	94.45	0.0000	P	44.4
2	☐	1.000	1.001	54772.03	0.0018	P	1.5
3	☐	50.000	50.072	2829924.20	0.0877	P	0.2
4	☐	125.000	126.519	6850363.87	0.2217	A	0.4
5	☐	250.000	254.138	13679332.42	0.4452	A	2.1
6	☐	500.000	501.292	26774637.93	0.8782	A	0.7
7	☐	1000.000	998.126	54607719.97	1.7487	A	1.6
8	☐			147223.55	0.0050	P	1.2

$$y = 0.0018 * x + 3.0226\text{E-}006$$

$$R = 1.0000$$

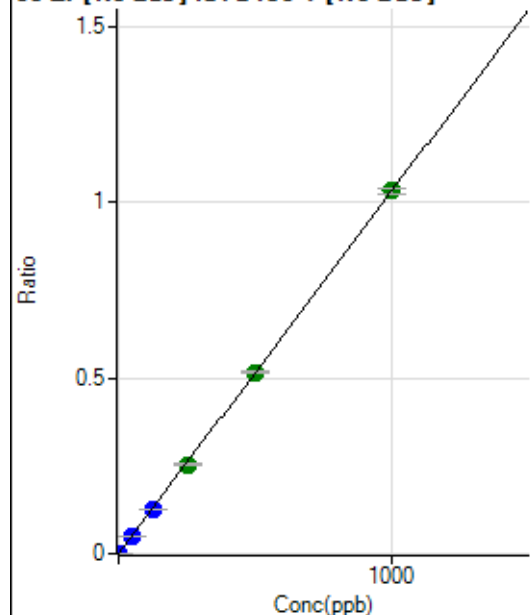
$$DL = 0.002301$$

$$BEC = 0.001725$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1469.59	0.0000	P	6.8
2	☐	1.000	0.782	26606.05	0.0009	P	3.6
3	☐	50.000	47.341	1576425.38	0.0489	P	0.6
4	☐	125.000	122.528	3906715.93	0.1264	P	1.2
5	☐	250.000	245.215	7770883.94	0.2529	A	2.0
6	☐	500.000	500.515	15737072.57	0.5162	A	1.3
7	☐	1000.000	1001.381	32251989.96	1.0328	A	1.3
8	☐			28203.67	0.0010	P	0.8

$$y = 0.0010 * x + 4.6902E-005$$

$$R = 1.0000$$

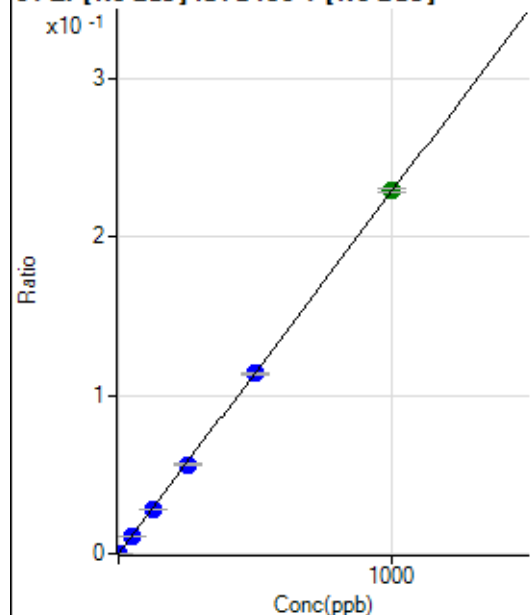
$$DL = 0.0093$$

$$BEC = 0.04548$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	288.90	0.0000	P	21.7
2	☐	1.000	0.781	5845.90	0.0002	P	0.9
3	☐	50.000	47.505	350303.67	0.0109	P	1.2
4	☐	125.000	122.566	865455.43	0.0280	P	1.1
5	☐	250.000	245.314	1721738.86	0.0560	P	2.0
6	☐	500.000	498.531	3471546.52	0.1139	P	1.1
7	☐	1000.000	1002.335	7149886.01	0.2289	A	1.2
8	☐			5998.69	0.0002	P	0.3

$$y = 2.2840E-004 * x + 9.2313E-006$$

$$R = 1.0000$$

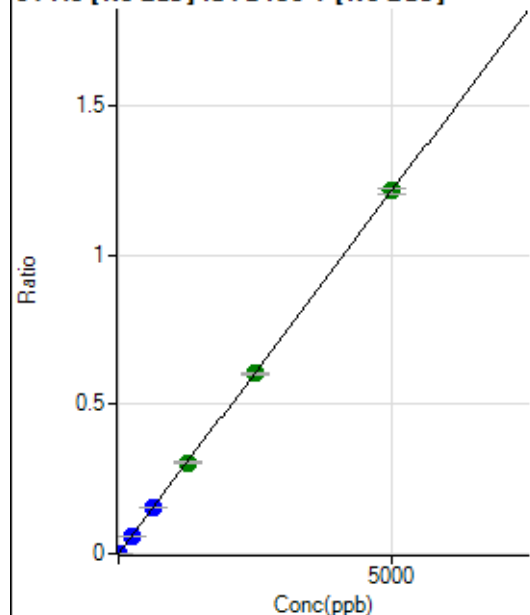
$$DL = 0.02631$$

$$BEC = 0.04042$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	569.48	0.0000	P	8.0
2	☐	5.000	4.770	36625.84	0.0012	P	3.1
3	☐	250.000	245.444	1921063.72	0.0596	P	0.4
4	☐	625.000	630.643	4728081.75	0.1530	P	0.9
5	☐	1250.000	1254.843	9351452.90	0.3044	A	2.4
6	☐	2500.000	2487.906	18397786.87	0.6035	A	0.9
7	☐	5000.000	5004.359	37907644.60	1.2139	A	1.5
8	☐			44166.56	0.0015	P	2.3

$$y = 2.4256E-004 * x + 1.8184E-005$$

R = 1.0000

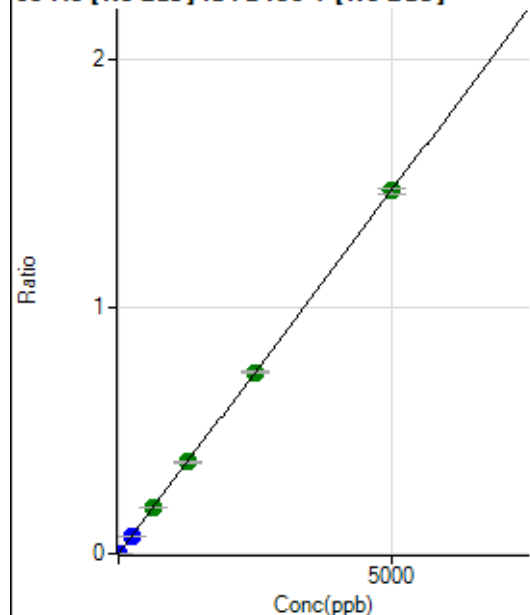
DL = 0.01801

BEC = 0.07497

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	130.56	0.0000	P	19.3
2	☐	5.000	5.302	48739.63	0.0016	P	2.1
3	☐	250.000	249.489	2367207.72	0.0734	P	0.3
4	☐	625.000	634.097	5763585.28	0.1865	A	1.0
5	☐	1250.000	1265.710	11437110.93	0.3723	A	2.3
6	☐	2500.000	2497.540	22394809.18	0.7346	A	0.6
7	☐	5000.000	4996.190	45889408.67	1.4695	A	1.5
8	☐			58339.55	0.0020	P	0.2

$$y = 2.9412E-004 * x + 4.1716E-006$$

R = 1.0000

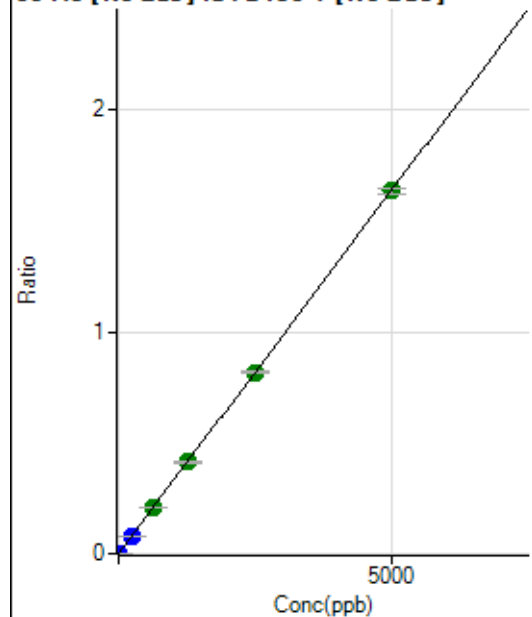
DL = 0.008213

BEC = 0.01418

Weight: <None>

Min Conc: 0

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	316.69	0.0000	P	6.5
2	☐	5.000	5.214	53532.17	0.0017	P	1.6
3	☐	250.000	248.860	2629028.25	0.0815	P	0.4
4	☐	625.000	633.107	6407168.03	0.2073	A	1.0
5	☐	1250.000	1266.603	12742158.18	0.4148	A	2.4
6	☐	2500.000	2501.188	24969167.22	0.8190	A	0.8
7	☐	5000.000	4994.299	51070458.09	1.6354	A	1.5
8	☐			87040.88	0.0029	P	0.9

$$y = 3.2745\text{E-}004 * x + 1.0106\text{E-}005$$

$$R = 1.0000$$

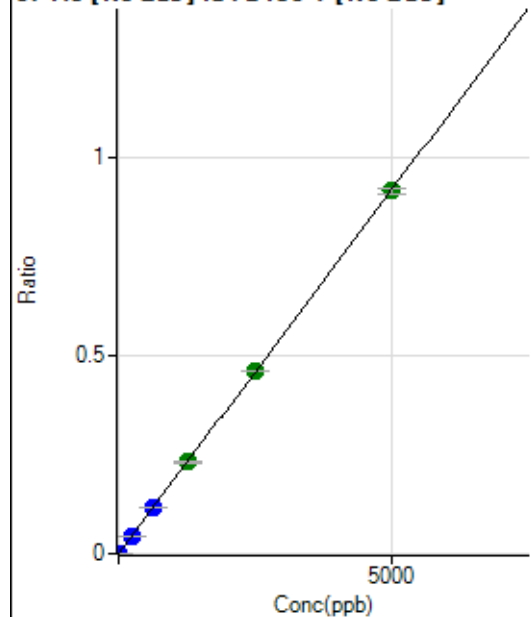
$$DL = 0.006016$$

$$BEC = 0.03086$$

Weight: <None>

Min Conc: 0

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	116.67	0.0000	P	17.7
2	☐	5.000	5.322	30581.07	0.0010	P	1.4
3	☐	250.000	249.751	1479527.52	0.0459	P	0.9
4	☐	625.000	638.584	3623983.50	0.1173	P	0.8
5	☐	1250.000	1263.565	7128350.59	0.2320	A	2.3
6	☐	2500.000	2510.902	14057092.15	0.4611	A	0.3
7	☐	5000.000	4989.472	28612106.89	0.9162	A	1.2
8	☐			35926.67	0.0012	P	1.9

$$y = 1.8363\text{E-}004 * x + 3.7190\text{E-}006$$

$$R = 1.0000$$

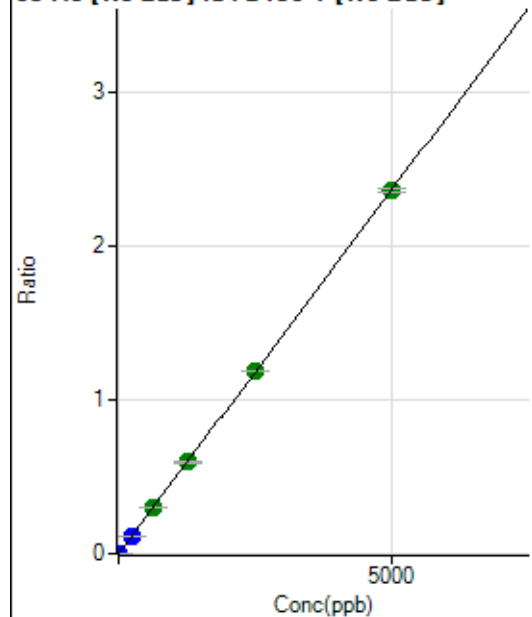
$$DL = 0.01073$$

$$BEC = 0.02025$$

Weight: <None>

Min Conc: 0

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	252.79	0.0000	P	16.3
2	☐	5.000	5.246	77466.86	0.0025	P	2.3
3	☐	250.000	248.306	3782792.44	0.1173	P	0.9
4	☐	625.000	631.821	9221011.84	0.2984	A	1.2
5	☐	1250.000	1266.178	18370517.60	0.5979	A	2.0
6	☐	2500.000	2510.369	36140630.67	1.1855	A	0.8
7	☐	5000.000	4990.003	73590838.45	2.3564	A	1.2
8	☐			92049.41	0.0031	P	1.4

$$y = 4.7223E-004 * x + 8.0791E-006$$

$$R = 1.0000$$

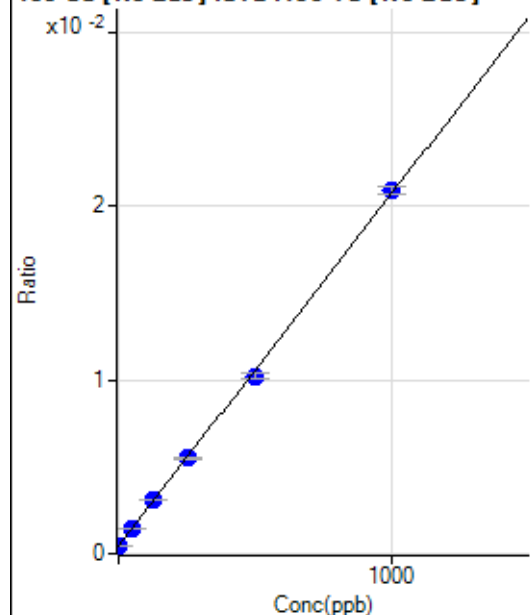
$$DL = 0.008368$$

$$BEC = 0.01711$$

Weight: <None>

Min Conc: 0

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12642.26	0.0004	P	2.9
2	☐	1.000	1.541	13217.81	0.0005	P	2.3
3	☐	50.000	50.624	42855.11	0.0015	P	0.5
4	☐	125.000	129.094	86246.19	0.0031	P	0.5
5	☐	250.000	250.400	156741.42	0.0055	P	2.2
6	☐	500.000	482.794	291029.81	0.0102	P	2.5
7	☐	1000.000	1007.960	611170.97	0.0209	P	2.1
8	☐			12564.35	0.0005	P	1.2

$$y = 2.0254E-005 * x + 4.4474E-004$$

$$R = 0.9998$$

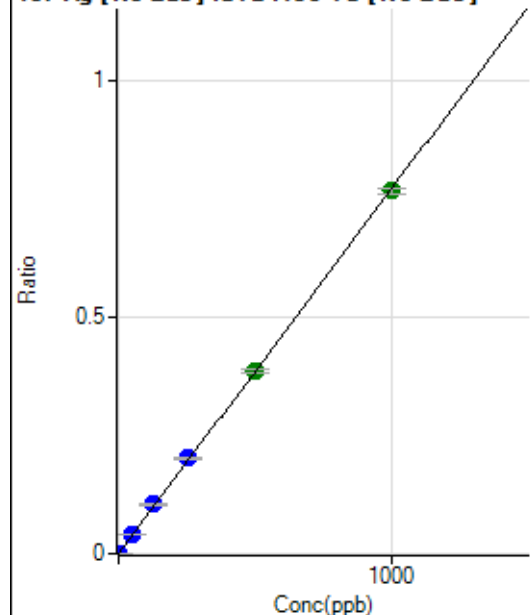
$$DL = 1.894$$

$$BEC = 21.96$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	202.79	0.0000	P	3.4
2	☐	1.000	1.119	24107.36	0.0009	P	1.6
3	☐	50.000	53.461	1199432.87	0.0412	P	1.6
4	☐	125.000	134.559	2919378.58	0.1036	P	0.4
5	☐	250.000	262.413	5737740.36	0.2020	P	2.5
6	☐	500.000	501.682	10991332.80	0.3861	A	2.4
7	☐	1000.000	994.688	22429739.56	0.7655	A	1.7
8	☐			11808.16	0.0004	P	4.4

$$y = 7.6960\text{E-}004 * x + 7.1346\text{E-}006$$

$$R = 0.9999$$

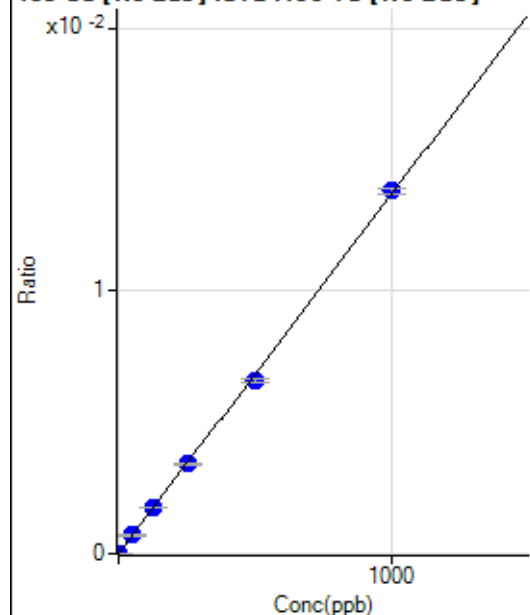
$$DL = 0.0009342$$

$$BEC = 0.009271$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25.00	0.0000	P	45.0
2	☐	1.000	1.071	431.96	0.0000	P	2.1
3	☐	50.000	50.874	20334.31	0.0007	P	3.2
4	☐	125.000	128.781	49751.24	0.0018	P	0.3
5	☐	250.000	250.639	97568.96	0.0034	P	1.7
6	☐	500.000	480.774	187488.29	0.0066	P	2.5
7	☐	1000.000	1008.937	404944.26	0.0138	P	1.5
8	☐			361.12	0.0000	P	10.3

$$y = 1.3697\text{E-}005 * x + 8.8314\text{E-}007$$

$$R = 0.9997$$

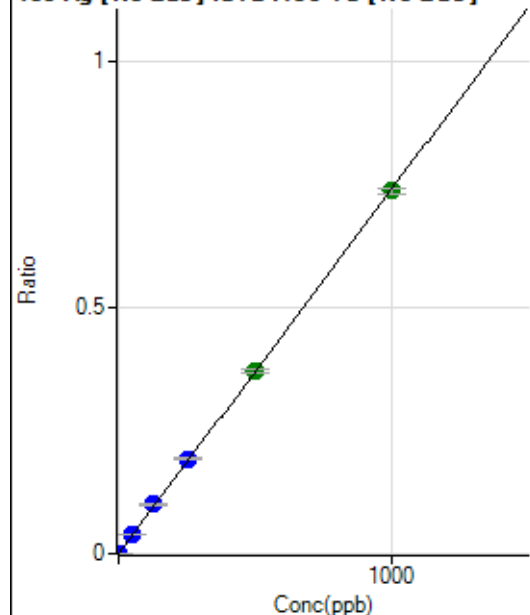
$$DL = 0.087$$

$$BEC = 0.06448$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.45	0.0000	P	16.9
2	☐	1.000	1.130	23306.19	0.0008	P	1.1
3	☐	50.000	53.362	1152189.67	0.0395	P	1.4
4	☐	125.000	134.629	2811228.51	0.0997	P	0.7
5	☐	250.000	260.364	5479515.23	0.1929	P	2.0
6	☐	500.000	500.149	10547194.25	0.3705	A	1.8
7	☐	1000.000	995.963	21616213.16	0.7377	A	1.4
8	☐			11360.56	0.0004	P	2.9

$$y = 7.4072\text{E-}004 * x + 2.4391\text{E-}006$$

$$R = 0.9999$$

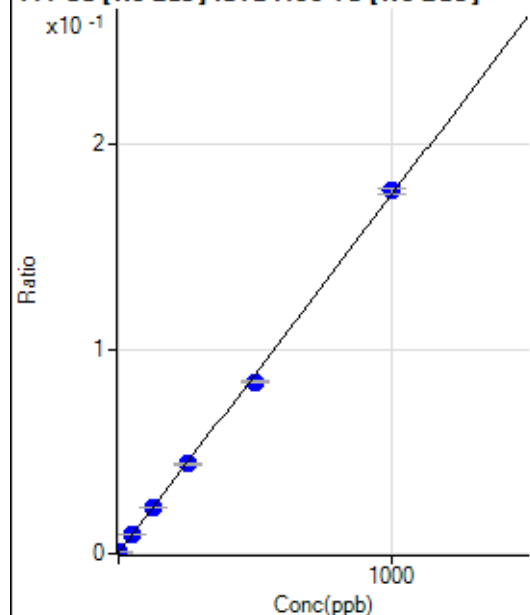
$$DL = 0.001666$$

$$BEC = 0.003293$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8865.42	0.0003	P	2.7
2	☐	1.000	1.073	13884.38	0.0005	P	1.6
3	☐	50.000	50.396	266540.28	0.0091	P	0.2
4	☐	125.000	127.653	639371.26	0.0227	P	0.7
5	☐	250.000	249.260	1249905.12	0.0440	P	2.2
6	☐	500.000	477.676	2392125.45	0.0840	P	1.5
7	☐	1000.000	1010.996	5200134.51	0.1775	P	1.8
8	☐			12184.46	0.0005	P	2.6

$$y = 1.7524\text{E-}004 * x + 3.1187\text{E-}004$$

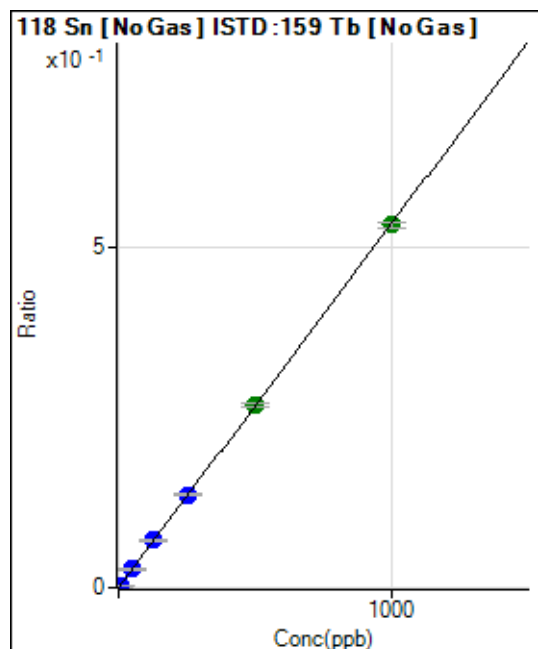
$$R = 0.9996$$

$$DL = 0.1436$$

$$BEC = 1.78$$

Weight: <None>

Min Conc: 0



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1402.91	0.0000	P	2.6
2	☐	5.000	5.247	79413.24	0.0029	P	2.2
3	☐	50.000	50.305	786768.62	0.0270	P	2.0
4	☐	125.000	129.433	1955621.85	0.0694	P	0.7
5	☐	250.000	254.556	3874768.88	0.1364	P	2.7
6	☐	500.000	503.353	7676688.97	0.2696	A	1.8
7	☐	1000.000	996.614	15641655.73	0.5338	A	1.5
8	☐			21405.93	0.0008	P	1.6

$$y = 5.3560\text{E-}004 * x + 4.9334\text{E-}005$$

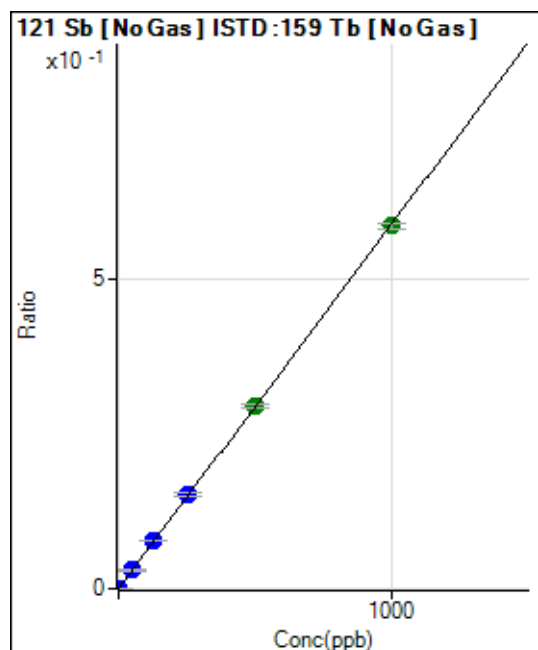
$$R = 1.0000$$

$$DL = 0.007267$$

$$BEC = 0.09211$$

Weight: <None>

Min Conc: 0



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	286.13	0.0000	P	20.4
2	☐	2.000	2.046	33705.36	0.0012	P	0.5
3	☐	50.000	50.424	864650.54	0.0297	P	1.7
4	☐	125.000	130.637	2166103.19	0.0768	P	0.7
5	☐	250.000	258.900	4326096.89	0.1523	P	2.4
6	☐	500.000	502.662	8416704.70	0.2956	A	1.6
7	☐	1000.000	995.718	17158662.01	0.5856	A	1.4
8	☐			30461.81	0.0011	P	6.4

$$y = 5.8811\text{E-}004 * x + 1.0054\text{E-}005$$

$$R = 0.9999$$

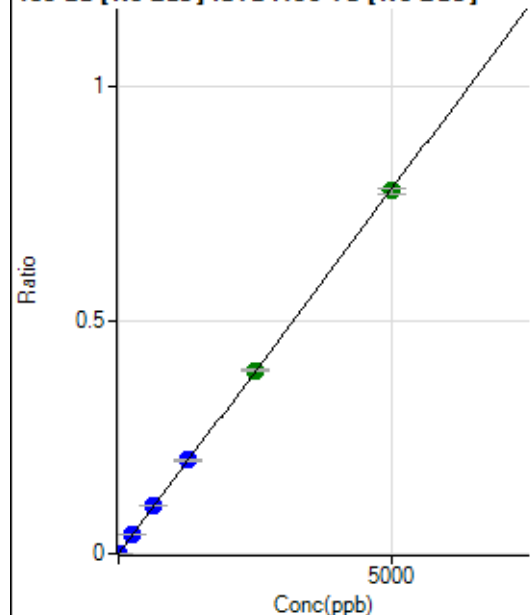
$$DL = 0.01047$$

$$BEC = 0.0171$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	52.78	0.0000	P	10.0
2	☐	10.000	10.312	44807.05	0.0016	P	1.5
3	☐	250.000	255.208	1162558.51	0.0399	P	1.4
4	☐	625.000	650.275	2864804.29	0.1016	P	0.4
5	☐	1250.000	1287.477	5716089.45	0.2012	P	2.6
6	☐	2500.000	2519.440	11209382.80	0.3937	A	1.8
7	☐	5000.000	4977.490	22792304.15	0.7779	A	1.5
8	☐			53562.40	0.0020	P	2.1

$$y = 1.5627E-004 * x + 1.8576E-006$$

$$R = 1.0000$$

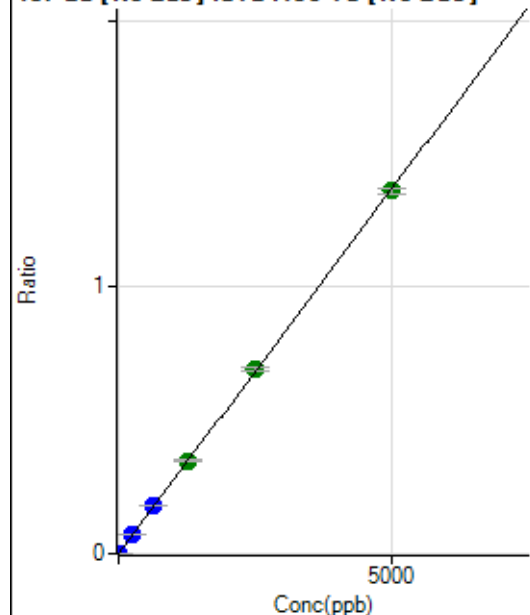
$$DL = 0.003556$$

$$BEC = 0.01189$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	61.11	0.0000	P	28.3
2	☐	10.000	10.506	79899.71	0.0029	P	1.5
3	☐	250.000	255.938	2041292.49	0.0700	P	1.8
4	☐	625.000	652.334	5032139.82	0.1785	P	0.5
5	☐	1250.000	1274.263	9906297.53	0.3487	A	2.2
6	☐	2500.000	2525.416	19673516.76	0.6910	A	1.6
7	☐	5000.000	4977.511	39907373.81	1.3620	A	1.6
8	☐			93679.25	0.0035	P	1.2

$$y = 2.7363E-004 * x + 2.1484E-006$$

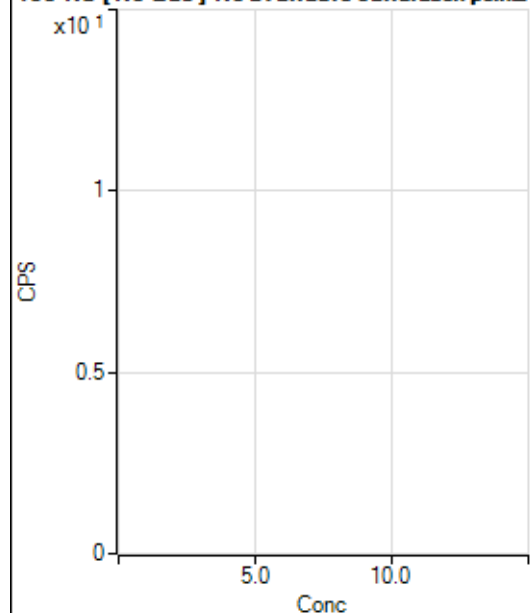
$$R = 1.0000$$

$$DL = 0.006658$$

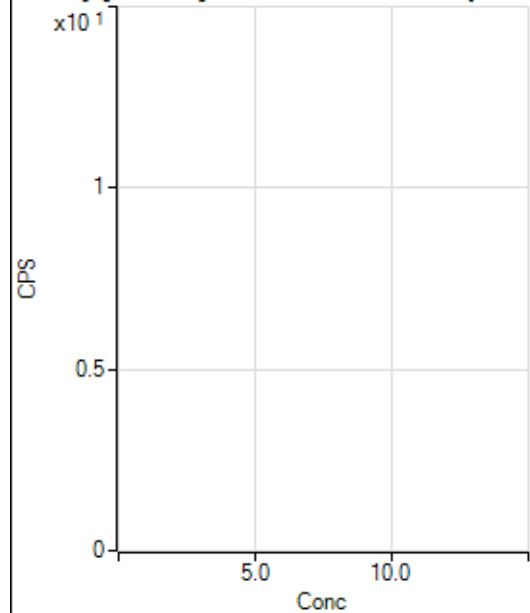
$$BEC = 0.007851$$

Weight: <None>

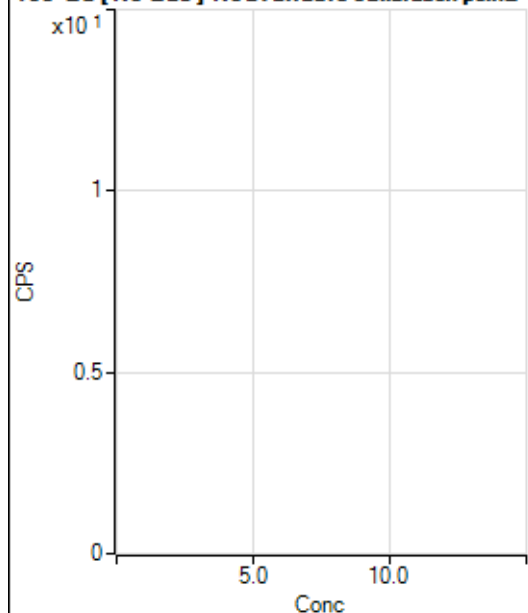
Min Conc: 0

150 Nd [No Gas] No available calibration points

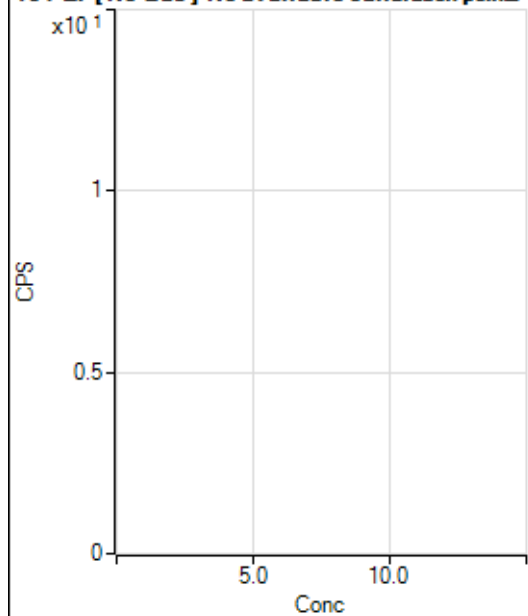
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			5.55		P	86.6
2	☐			13.89		P	69.3
3	☐			188.90		P	10.2
4	☐			341.69		P	8.4
5	☐			655.60		P	17.5
6	☐			1191.77		P	5.5
7	☐			2472.54		P	8.8
8	☐			275.01		P	23.7

156 Dy [No Gas] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			52.78		P	45.6
2	☐			36.11		P	48.0
3	☐			80.56		P	52.1
4	☐			102.78		P	18.7
5	☐			152.78		P	11.4
6	☐			297.24		P	15.4
7	☐			791.73		P	9.2
8	☐			1208.44		P	8.0

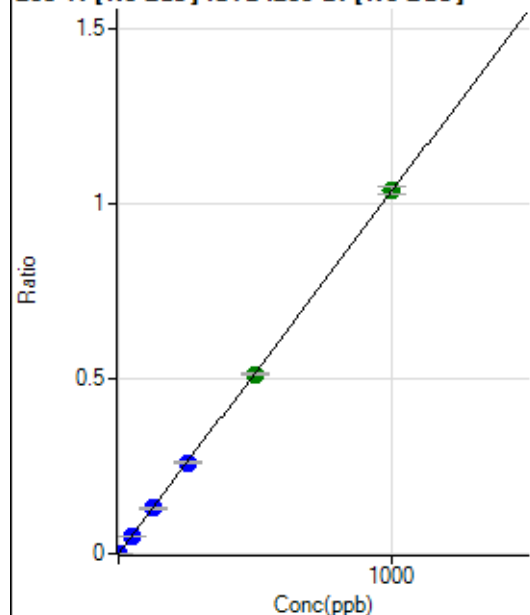
160 Gd [No Gas] No available calibration poin...

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			202.79		P	16.6
2	☐			202.79		P	35.0
3	☐			247.24		P	13.6
4	☐			219.46		P	30.9
5	☐			252.79		P	20.1
6	☐			294.46		P	15.6
7	☐			447.25		P	12.1
8	☐			1311.23		P	7.8

164 Er [No Gas] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			116.67		P	32.7
2	☐			147.23		P	29.0
3	☐			105.56		P	32.9
4	☐			163.90		P	33.9
5	☐			186.12		P	9.3
6	☐			166.68		P	21.8
7	☐			222.23		P	32.8
8	☐			397.25		P	11.6

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	508.37	0.0000	P	2.2
2	☐	1.000	0.972	17656.84	0.0010	P	2.4
3	☐	50.000	48.886	889660.47	0.0506	P	0.5
4	☐	125.000	125.804	2208979.63	0.1301	P	2.3
5	☐	250.000	251.398	4442512.43	0.2599	P	2.0
6	☐	500.000	495.421	8636862.09	0.5122	A	0.7
7	☐	1000.000	1001.895	17485757.33	1.0358	A	2.0
8	☐			14639.22	0.0010	P	4.7

$$y = 0.0010 * x + 2.9071E-005$$

$$R = 1.0000$$

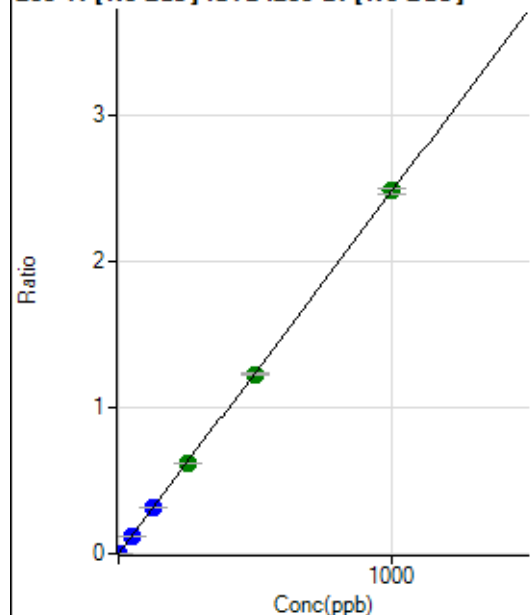
$$DL = 0.001842$$

$$BEC = 0.02812$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1144.55	0.0001	P	2.0
2	☐	1.000	0.981	42642.09	0.0025	P	0.7
3	☐	50.000	49.432	2155708.62	0.1225	P	0.8
4	☐	125.000	126.252	5313123.38	0.3129	P	1.8
5	☐	250.000	249.509	10566890.69	0.6183	A	1.8
6	☐	500.000	495.673	20708668.69	1.2282	A	1.2
7	☐	1000.000	1002.158	41917685.66	2.4831	A	1.7
8	☐			35456.52	0.0025	P	2.5

$$y = 0.0025 * x + 6.5467E-005$$

$$R = 1.0000$$

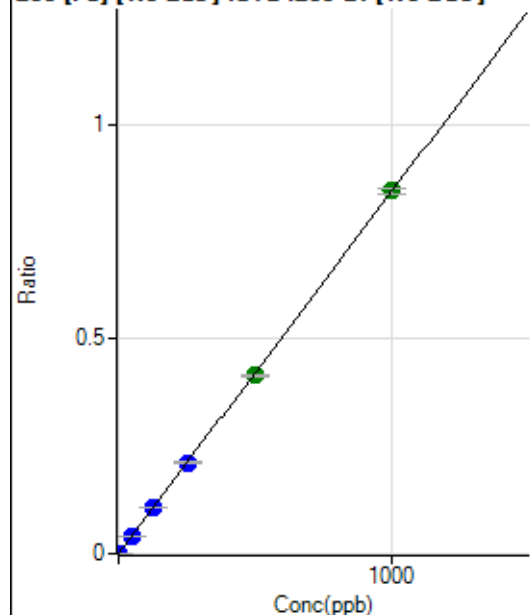
$$DL = 0.001598$$

$$BEC = 0.02642$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1150.09	0.0001	P	0.9
2	☐	1.000	0.993	15420.47	0.0009	P	1.9
3	☐	50.000	49.432	733898.64	0.0417	P	0.6
4	☐	125.000	126.754	1814922.03	0.1069	P	1.3
5	☐	250.000	252.284	3634354.33	0.2126	P	1.7
6	☐	500.000	493.104	7007076.43	0.4156	A	0.9
7	☐	1000.000	1002.686	14264261.78	0.8450	A	1.4
8	☐			69723.16	0.0049	P	1.1

$$y = 8.4263E-004 * x + 6.5781E-005$$

$$R = 1.0000$$

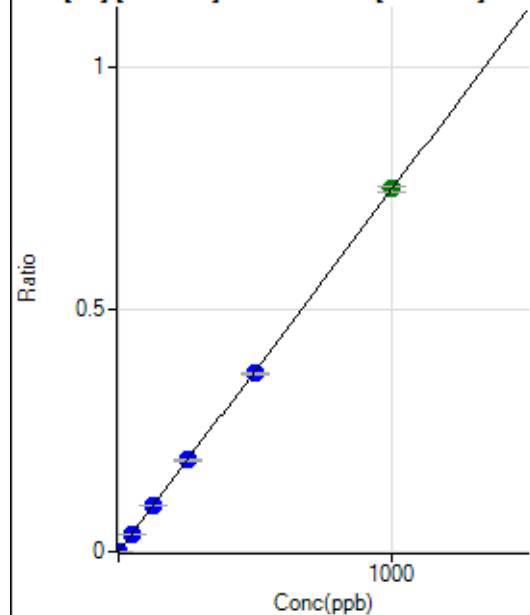
$$DL = 0.002099$$

$$BEC = 0.07807$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1029.70	0.0001	P	9.1
2	☐	1.000	0.970	13379.27	0.0008	P	2.1
3	☐	50.000	49.334	649450.71	0.0369	P	1.0
4	☐	125.000	126.801	1609905.83	0.0948	P	1.2
5	☐	250.000	253.469	3237790.52	0.1894	P	1.4
6	☐	500.000	493.268	6215186.08	0.3686	P	0.9
7	☐	1000.000	1002.307	12642742.18	0.7489	A	1.6
8	☐			62919.25	0.0045	P	0.8

$$y = 7.4715E-004 * x + 5.8826E-005$$

$$R = 1.0000$$

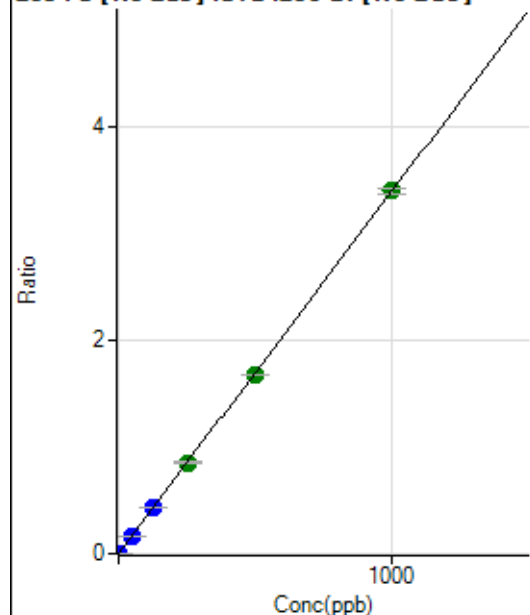
$$DL = 0.02153$$

$$BEC = 0.07873$$

Weight: <None>

Min Conc: 0

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



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4378.20	0.0003	P	3.9
2	☐	1.000	0.985	61291.89	0.0036	P	1.4
3	☐	50.000	49.374	2947002.40	0.1675	P	0.5
4	☐	125.000	127.130	7318898.55	0.4310	P	1.0
5	☐	250.000	251.613	14572858.74	0.8527	A	2.0
6	☐	500.000	494.051	28226838.19	1.6740	A	0.8
7	☐	1000.000	1002.337	57328353.48	3.3961	A	1.7
8	☐			281906.86	0.0200	P	0.8

$$y = 0.0034 * x + 2.5045E-004$$

$$R = 1.0000$$

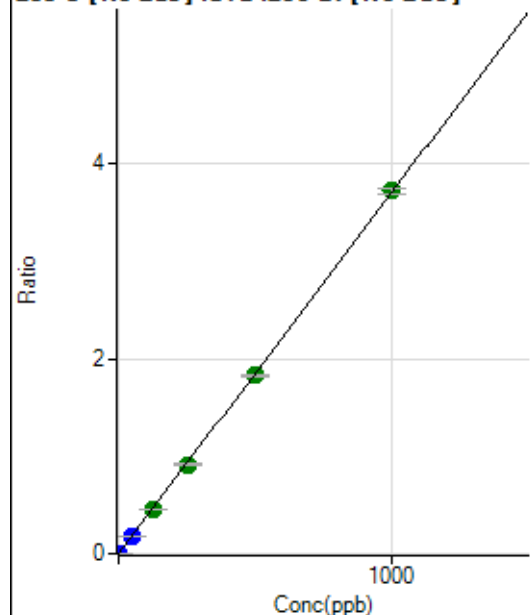
$$DL = 0.008572$$

$$BEC = 0.07392$$

Weight: <None>

Min Conc: 0

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



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1689.08	0.0001	P	5.7
2	☐	1.000	0.913	59369.86	0.0035	P	1.4
3	☐	50.000	47.036	3065471.45	0.1743	P	1.0
4	☐	125.000	121.164	7620661.28	0.4487	A	1.5
5	☐	250.000	245.843	15559204.34	0.9104	A	1.9
6	☐	500.000	493.157	30790545.48	1.8261	A	1.3
7	☐	1000.000	1005.088	62827475.02	3.7217	A	1.4
8	☐			29935.42	0.0021	P	3.2

$$y = 0.0037 * x + 9.6545E-005$$

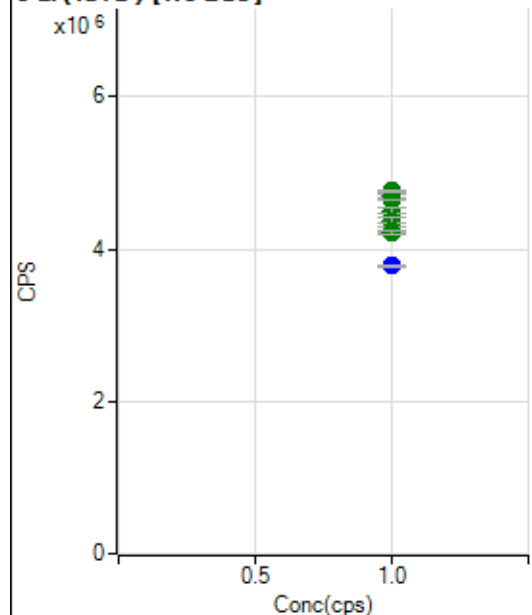
$$R = 1.0000$$

$$DL = 0.004434$$

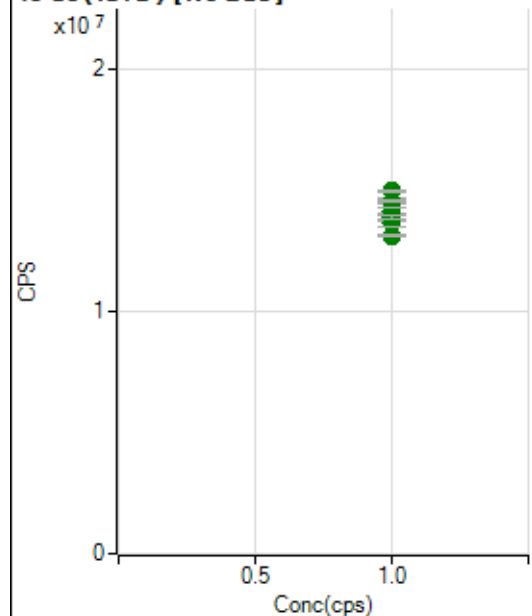
$$BEC = 0.02607$$

Weight: <None>

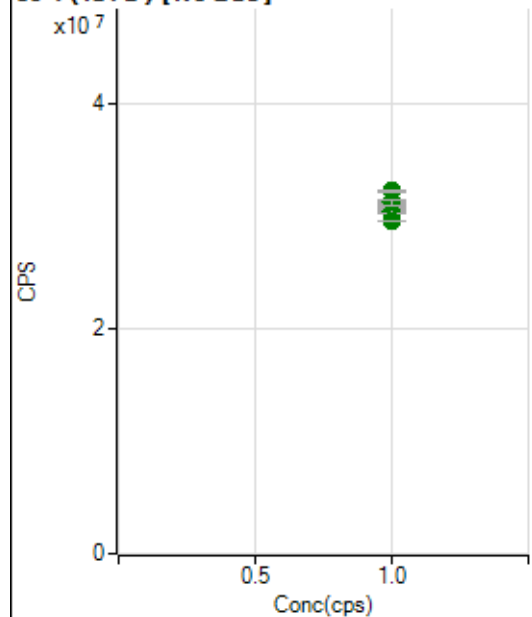
Min Conc: 0

6 Li (ISTD) [No Gas]

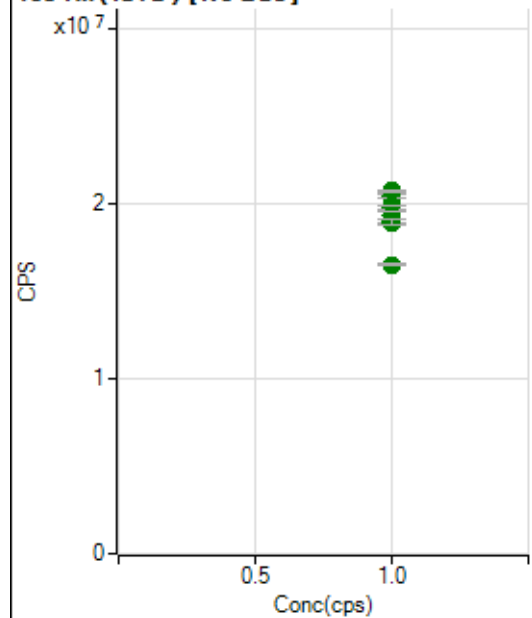
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4692455.35		A	0.9
2	☐	1.000		4651844.41		A	0.2
3	☐	1.000		4761719.41		A	0.8
4	☐	1.000		4504022.54		A	1.5
5	☐	1.000		4378921.98		A	1.4
6	☐	1.000		4242649.10		A	1.9
7	☐	1.000		4217965.11		A	1.6
8	☐	1.000		3783282.58		P	0.6

45 Sc (ISTD) [No Gas]

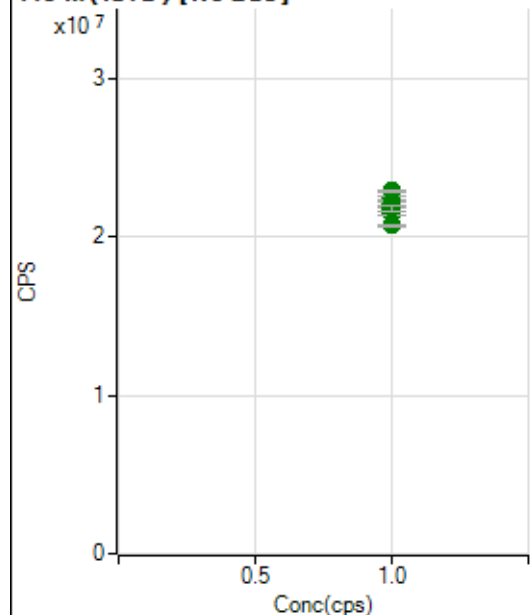
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14561666.47		A	1.6
2	☐	1.000		14533108.31		A	0.5
3	☐	1.000		14980549.81		A	0.2
4	☐	1.000		14158908.13		A	1.5
5	☐	1.000		13892322.53		A	1.8
6	☐	1.000		13633866.28		A	1.8
7	☐	1.000		13869847.53		A	1.0
8	☐	1.000		13133912.53		A	0.4

89 Y (ISTD) [No Gas]

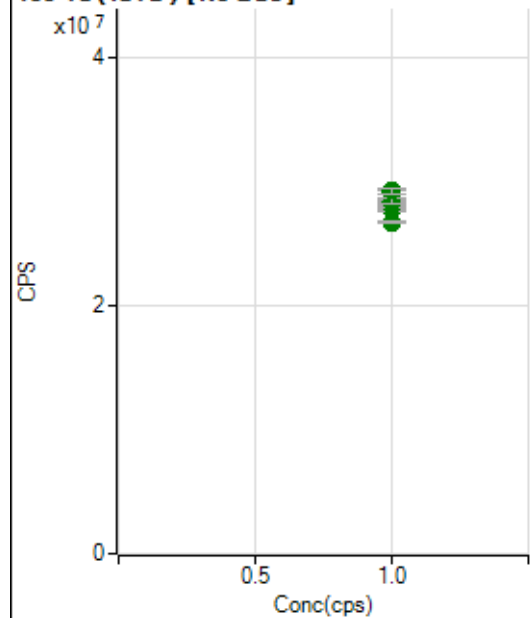
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		31330889.81		A	1.2
2	☐	1.000		31173472.03		A	1.1
3	☐	1.000		32258375.08		A	0.2
4	☐	1.000		30905514.54		A	1.5
5	☐	1.000		30730506.21		A	1.8
6	☐	1.000		30488557.32		A	1.3
7	☐	1.000		31233702.31		A	1.7
8	☐	1.000		29578706.78		A	0.4

103 Rh (ISTD) [No Gas]

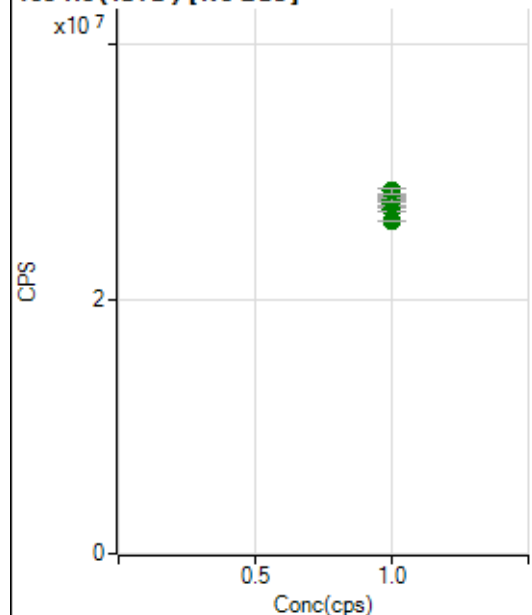
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		20482294.73		A	0.8
2	☐	1.000		20332501.84		A	0.2
3	☐	1.000		20752423.03		A	0.6
4	☐	1.000		19805714.33		A	1.3
5	☐	1.000		19337120.05		A	2.4
6	☐	1.000		19029489.14		A	1.3
7	☐	1.000		18947880.28		A	2.0
8	☐	1.000		16531442.38		A	0.3

115 In (ISTD) [No Gas]

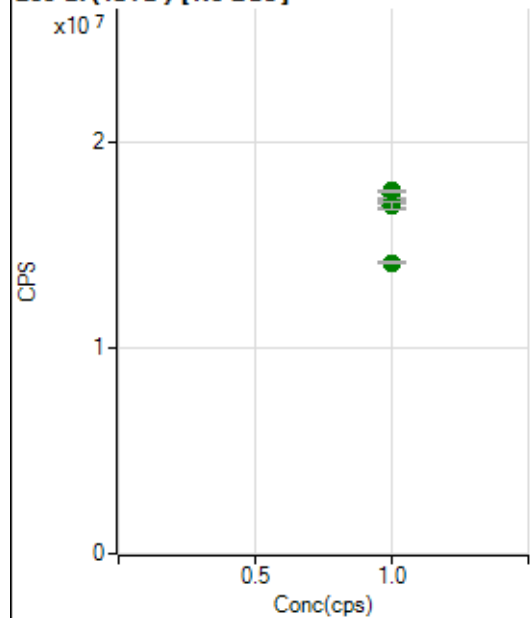
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		22454030.85		A	1.1
2	☐	1.000		22135776.84		A	1.2
3	☐	1.000		22925939.80		A	0.5
4	☐	1.000		21945664.36		A	0.9
5	☐	1.000		21775150.31		A	1.7
6	☐	1.000		21506371.42		A	1.2
7	☐	1.000		21821585.87		A	2.0
8	☐	1.000		20723996.47		A	0.2

159 Tb (ISTD) [No Gas]

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		28430217.36		A	1.5
2	☐	1.000		27773259.03		A	0.4
3	☐	1.000		29150809.84		A	1.1
4	☐	1.000		28190182.36		A	1.4
5	☐	1.000		28418629.02		A	1.8
6	☐	1.000		28475780.13		A	1.9
7	☐	1.000		29304755.95		A	1.6
8	☐	1.000		26759149.05		A	0.3

165 Ho (ISTD) [No Gas]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		27378967.45		A	1.3
2	☐	1.000		26970561.19		A	1.0
3	☐	1.000		28168825.98		A	0.6
4	☐	1.000		27531183.60		A	1.1
5	☐	1.000		27605501.83		A	1.7
6	☐	1.000		27742203.57		A	1.0
7	☐	1.000		28481741.61		A	1.9
8	☐	1.000		26137264.82		A	0.3

209 Bi (ISTD) [No Gas]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17481435.30		A	2.1
2	☐	1.000		17082204.61		A	0.8
3	☐	1.000		17592174.74		A	0.9
4	☐	1.000		16984325.16		A	1.9
5	☐	1.000		17093947.24		A	1.5
6	☐	1.000		16862225.44		A	0.8
7	☐	1.000		16884793.78		A	2.1
8	☐	1.000		14118020.34		A	0.3

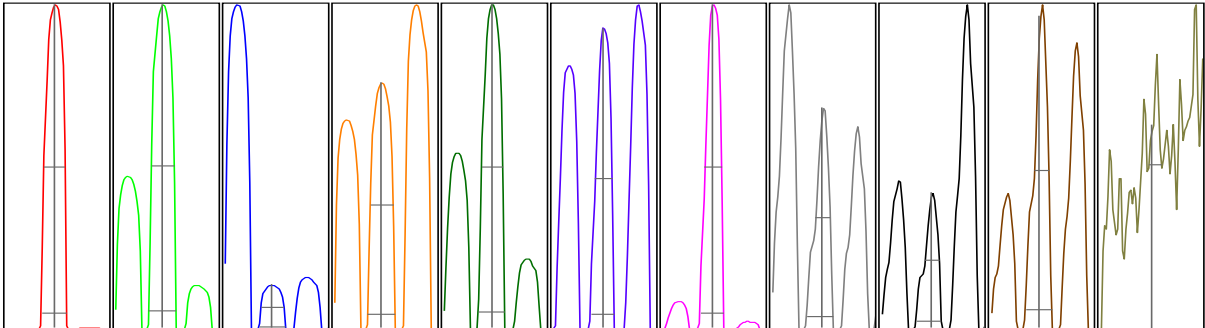
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7020620MSA.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]					
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)	
9	15601	0.79	5.00		
24	299491	1.14	5.00		
25	41140	1.10	5.00		
26	48132	0.80	5.00		
59	181016	0.93	5.00		
113	22909	0.49	5.00		
115	285281	0.79	5.00		
206	58301	1.02	5.00		
207	53423	0.97	5.00		
208	125072	0.94	5.00		
220	70	5.09			

	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
Mass	Count	Count	Count	Count	Count
9	15438	15572	15707	15547	15742
24	298035	300516	301397	303156	294351
25	40481	41019	41351	41140	41708
26	47490	48077	48294	48393	48407
59	178287	181348	181146	181367	182933
113	22919	22959	23009	22716	22939
115	285146	287175	287900	283244	282937
206	57490	57890	58481	58843	58802
207	52659	53204	53723	53518	54010
208	123289	124783	125049	126001	126239
220	74	73	68	71	65

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width-X% (Flag)
9	26477	8.95	8.9 - 9.1		0.738	0.900	
24	480368	23.90	23.9 - 24.1		0.785	0.900	
25	65274	24.90	24.9 - 25.1		0.776	0.900	
26	76789	25.90	25.9 - 26.1		0.786	0.900	
59	312875	58.95	58.9 - 59.1		0.767	0.900	
113	46529	113.00	112.9 - 113.1		0.687	0.900	
115	581034	115.00	114.9 - 115.1		0.684	0.900	
206	127571	206.00	205.9 - 206.1		0.767	0.900	
207	116758	207.00	206.9 - 207.1		0.734	0.900	
208	267964	207.95	207.9 - 208.1		0.766	0.900	
220	71	220.05	-				

X% = 5 Integration Time [sec] = 0.1 Acquisition Time [sec] = 268 Y Axis = Linear

Tune Parameters								
## Plasma Paramters ##								
ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	10.0	mm	Nebulizer Pump	0.10	rps	Makeup/Dilution Gas		0.37 L/min

## Lenses Parameters ##								
ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.5	V	Deflect	13.4	V
Extract 2	-155.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-70	V	Cell Exit	-50	V			

## Cell Parameters ##								
ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0 V
He Flow	0.0	mL/min	OctP RF	200	V			

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:07:43	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.01	-0.03	0.02	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	0.00	0.01	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Boron	11-1	0.03	-0.06	0.02	0.00	N/A	ppb
Boron	10-1	-0.05	0.06	-0.01	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	108-1	0.02	-0.03	0.01	0.00	N/A	ppb
Cadmium	106-1	0.73	-0.36	-0.37	0.00	N/A	ppb
Cadmium	111-1	0.06	-0.03	-0.03	0.00	N/A	ppb
Calcium	43-1	0.48	-0.61	0.12	0.00	N/A	ppb
Calcium	44-1	-0.32	-0.12	0.45	0.00	N/A	ppb
Chromium	52-1	0.02	-0.03	0.01	0.00	N/A	ppb
Cobalt	59-1	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-1	0.00	-0.02	0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				100		%
Indium	115-1				100		%
Iron	56-1	-1.10	-4.56	5.66	0.00	N/A	ppb
Iron	57-1	-0.31	-0.84	1.15	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-1	-0.05	0.02	0.03	0.00	N/A	ppb
Manganese	55-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:07:43	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.01	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	-27.86	-27.54	-27.41	-27.60		ppb
Potassium	39-1	-0.59	-2.80	3.38	0.00	N/A	ppb
Rhodium	103-1				100		%
Scandium	45-1				100		%
Selenium	77-1	-0.11	0.08	0.03	0.00	N/A	ppb
Selenium	78-1	0.93	-2.07	1.14	0.00	N/A	ppb
Selenium	82-1	0.07	-0.08	0.01	0.00	N/A	ppb
Silicon	28-1	0.25	-0.52	0.27	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-1	-0.09	-0.68	0.77	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Strontium	86-1	0.01	-0.02	0.01	0.00	N/A	ppb
Sulfur	34-1	-133.92	-156.98	66.31	-74.86		ppb
Terbium	159-1				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-1	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Zinc	66-1	-0.03	-0.01	0.04	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	0.01	0.00	N/A	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:10:46	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	16.02	16.34	16.13	16.16	1.00	ppb
Antimony	121-1	2.04	2.04	2.06	2.05	0.53	ppb
Arsenic	75-1	1.08	1.16	1.15	1.13	3.95	ppb
Barium	135-1	10.23	10.49	10.22	10.31	1.47	ppb
Barium	137-1	10.51	10.66	10.35	10.51	1.45	ppb
Beryllium	9-1	1.06	1.16	1.00	1.07	7.53	ppb
Bismuth	209-1				98		%
Boron	11-1	25.84	26.46	25.69	26.00	1.57	ppb
Boron	10-1	25.96	25.90	25.35	25.73	1.31	ppb
Bromine	81-1						cps
Cadmium	108-1	1.10	1.05	1.07	1.07	2.25	ppb
Cadmium	106-1	1.01	2.09	1.52	1.54	35.38	ppb
Cadmium	111-1	1.04	1.13	1.05	1.07	4.27	ppb
Calcium	43-1	504.78	510.83	511.45	509.02	0.72	ppb
Calcium	44-1	526.68	526.28	517.40	523.46	1.00	ppb
Chromium	52-1	2.11	2.16	2.10	2.12	1.65	ppb
Cobalt	59-1	1.06	1.02	1.04	1.04	1.93	ppb
Copper	63-1	2.09	2.13	2.06	2.09	1.81	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				99		%
Indium	115-1				99		%
Iron	56-1	56.05	58.29	54.09	56.14	3.74	ppb
Iron	57-1	59.19	60.83	57.30	59.11	2.99	ppb
Krypton	83-1						cps
Lead	206-1	0.99	0.97	1.01	0.99	2.07	ppb
Lead	207-1	0.97	0.99	0.95	0.97	2.29	ppb
Lead	208-1	0.99	0.99	0.97	0.99	1.47	ppb
Lithium	6-1				99		%
Magnesium	24-1	516.30	525.88	515.98	519.39	1.08	ppb
Manganese	55-1	1.09	1.10	1.07	1.09	1.61	ppb
Molybdenum	95-1	5.24	5.43	5.24	5.30	2.08	ppb
Molybdenum	96-1	5.22	5.29	5.13	5.21	1.58	ppb
Molybdenum	97-1	5.38	5.35	5.24	5.32	1.43	ppb
Molybdenum	98-1	5.21	5.38	5.14	5.25	2.35	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:10:46	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.79	4.91	4.61	4.77	3.15	ppb
Neodymium	150-1						cps
Nickel	60-1	1.24	1.28	1.21	1.24	2.60	ppb
Phosphorus	31-1	26.92	28.21	27.68	27.60	2.36	ppb
Potassium	39-1	516.35	523.47	514.10	517.97	0.94	ppb
Rhodium	103-1				99		%
Scandium	45-1				100		%
Selenium	77-1	5.62	5.25	5.46	5.44	3.37	ppb
Selenium	78-1	7.38	9.18	8.29	8.28	10.91	ppb
Selenium	82-1	5.94	6.04	5.69	5.89	3.13	ppb
Silicon	28-1	10.67	11.00	10.42	10.70	2.72	ppb
Silver	109-1	1.11	1.14	1.14	1.13	1.13	ppb
Silver	107-1	1.14	1.10	1.12	1.12	1.63	ppb
Sodium	23-1	522.07	534.27	522.60	526.31	1.31	ppb
Strontium	88-1	1.00	1.02	0.99	1.00	1.51	ppb
Strontium	86-1	1.01	0.99	1.01	1.00	1.41	ppb
Sulfur	34-1	78.75	122.84	23.00	74.86	66.83	ppb
Terbium	159-1				98		%
Thallium	203-1	0.99	0.94	0.98	0.97	2.49	ppb
Thallium	205-1	0.97	0.99	0.98	0.98	0.75	ppb
Tin	118-1	5.15	5.37	5.22	5.25	2.22	ppb
Titanium	47-1	5.18	5.30	5.24	5.24	1.18	ppb
Uranium	238-1	0.93	0.91	0.90	0.91	1.44	ppb
Vanadium	51-1	5.32	5.44	5.40	5.38	1.15	ppb
Yttrium	89-1				99		%
Zinc	66-1	2.32	2.42	2.59	2.44	5.61	ppb
Zirconium	90-1	0.80	0.79	0.75	0.78	3.85	ppb
Zirconium	91-1	0.79	0.77	0.78	0.78	0.96	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:14:21	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	1018.75	1006.65	994.78	1006.73	1.19	ppb
Antimony	121-1	50.41	51.27	49.59	50.42	1.66	ppb
Arsenic	75-1	52.36	52.44	52.67	52.49	0.31	ppb
Barium	135-1	256.19	258.09	251.35	255.21	1.36	ppb
Barium	137-1	256.44	260.36	251.01	255.94	1.83	ppb
Beryllium	9-1	53.12	53.09	52.55	52.92	0.61	ppb
Bismuth	209-1				101		%
Boron	11-1	50.48	51.80	51.09	51.12	1.29	ppb
Boron	10-1	50.30	49.94	52.39	50.88	2.60	ppb
Bromine	81-1						cps
Cadmium	108-1	50.24	52.74	49.64	50.87	3.23	ppb
Cadmium	106-1	51.07	50.32	50.49	50.62	0.77	ppb
Cadmium	111-1	50.54	50.36	50.29	50.40	0.25	ppb
Calcium	43-1	5040.81	4993.03	4943.57	4992.47	0.97	ppb
Calcium	44-1	5025.84	5104.67	4968.97	5033.16	1.35	ppb
Chromium	52-1	51.13	50.89	50.86	50.96	0.29	ppb
Cobalt	59-1	52.35	51.90	51.73	51.99	0.61	ppb
Copper	63-1	99.59	98.80	98.46	98.95	0.59	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				103		%
Indium	115-1				102		%
Iron	56-1	2523.99	2504.46	2487.01	2505.15	0.74	ppb
Iron	57-1	2579.09	2572.25	2558.76	2570.03	0.40	ppb
Krypton	83-1						cps
Lead	206-1	49.27	49.80	49.23	49.43	0.65	ppb
Lead	207-1	49.45	49.76	48.79	49.33	1.00	ppb
Lead	208-1	49.31	49.67	49.15	49.37	0.54	ppb
Lithium	6-1				101		%
Magnesium	24-1	5018.12	4979.62	4894.60	4964.11	1.27	ppb
Manganese	55-1	100.82	100.17	99.73	100.24	0.55	ppb
Molybdenum	95-1	250.03	249.90	248.53	249.49	0.33	ppb
Molybdenum	96-1	249.86	247.77	248.96	248.86	0.42	ppb
Molybdenum	97-1	252.25	247.76	249.25	249.75	0.92	ppb
Molybdenum	98-1	250.82	247.51	246.58	248.31	0.90	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:14:21	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	244.78	246.64	244.92	245.44	0.42	ppb
Neodymium	150-1						cps
Nickel	60-1	53.46	52.98	52.75	53.06	0.68	ppb
Phosphorus	31-1	996.02	1008.51	1004.76	1003.10	0.64	ppb
Potassium	39-1	2535.04	2510.18	2504.41	2516.54	0.65	ppb
Rhodium	103-1				101		%
Scandium	45-1				103		%
Selenium	77-1	53.34	54.37	53.60	53.77	1.00	ppb
Selenium	78-1	51.08	50.87	51.01	50.99	0.21	ppb
Selenium	82-1	52.93	52.03	52.89	52.61	0.96	ppb
Silicon	28-1	56.46	57.08	57.46	57.00	0.89	ppb
Silver	109-1	53.48	54.06	52.55	53.36	1.42	ppb
Silver	107-1	53.17	54.41	52.80	53.46	1.57	ppb
Sodium	23-1	5092.19	5086.64	5031.89	5070.24	0.66	ppb
Strontium	88-1	50.19	49.94	50.08	50.07	0.25	ppb
Strontium	86-1	50.83	49.93	50.87	50.54	1.05	ppb
Sulfur	34-1	925.31	950.41	983.06	952.93	3.04	ppb
Terbium	159-1				103		%
Thallium	203-1	49.12	48.63	48.90	48.89	0.51	ppb
Thallium	205-1	49.45	49.81	49.03	49.43	0.79	ppb
Tin	118-1	50.62	51.13	49.16	50.31	2.03	ppb
Titanium	47-1	248.73	248.16	246.64	247.84	0.44	ppb
Uranium	238-1	47.20	47.40	46.52	47.04	0.98	ppb
Vanadium	51-1	50.13	49.98	49.79	49.97	0.34	ppb
Yttrium	89-1				103		%
Zinc	66-1	103.69	102.75	102.66	103.03	0.55	ppb
Zirconium	90-1	47.51	47.49	47.02	47.34	0.59	ppb
Zirconium	91-1	47.40	48.14	46.97	47.50	1.24	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:17:24	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	2578.95	2572.52	2563.27	2571.58	0.31	ppb
Antimony	121-1	131.63	130.19	130.09	130.64	0.66	ppb
Arsenic	75-1	134.69	133.90	132.94	133.84	0.65	ppb
Barium	135-1	653.06	649.75	648.02	650.27	0.39	ppb
Barium	137-1	654.03	654.59	648.39	652.33	0.53	ppb
Beryllium	9-1	137.09	133.41	135.02	135.17	1.37	ppb
Bismuth	209-1				97		%
Boron	11-1	128.76	128.62	128.86	128.75	0.09	ppb
Boron	10-1	127.54	126.64	128.29	127.49	0.65	ppb
Bromine	81-1						cps
Cadmium	108-1	128.31	129.13	128.90	128.78	0.33	ppb
Cadmium	106-1	129.91	128.67	128.70	129.09	0.55	ppb
Cadmium	111-1	127.85	126.68	128.43	127.65	0.70	ppb
Calcium	43-1	12872.25	12832.18	12708.90	12804.44	0.66	ppb
Calcium	44-1	12776.98	12645.94	12653.44	12692.12	0.58	ppb
Chromium	52-1	131.82	130.85	130.17	130.95	0.63	ppb
Cobalt	59-1	132.34	132.59	130.99	131.97	0.65	ppb
Copper	63-1	253.32	248.35	251.57	251.08	1.00	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				101		%
Indium	115-1				98		%
Iron	56-1	6456.60	6420.15	6429.99	6435.58	0.29	ppb
Iron	57-1	6596.37	6546.46	6510.71	6551.18	0.66	ppb
Krypton	83-1						cps
Lead	206-1	128.63	125.39	126.24	126.75	1.33	ppb
Lead	207-1	128.52	125.64	126.24	126.80	1.20	ppb
Lead	208-1	128.63	126.38	126.38	127.13	1.02	ppb
Lithium	6-1				96		%
Magnesium	24-1	12820.63	12634.74	12526.56	12660.65	1.17	ppb
Manganese	55-1	256.23	256.06	254.82	255.70	0.30	ppb
Molybdenum	95-1	639.79	626.95	635.55	634.10	1.03	ppb
Molybdenum	96-1	640.31	627.82	631.19	633.11	1.02	ppb
Molybdenum	97-1	643.82	633.62	638.31	638.58	0.80	ppb
Molybdenum	98-1	640.35	625.00	630.12	631.82	1.24	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:17:24	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	637.34	626.41	628.18	630.64	0.93	ppb
Neodymium	150-1						cps
Nickel	60-1	135.92	135.13	134.26	135.11	0.61	ppb
Phosphorus	31-1	2621.06	2576.22	2605.70	2600.99	0.88	ppb
Potassium	39-1	6515.08	6442.19	6394.93	6450.73	0.94	ppb
Rhodium	103-1				97		%
Scandium	45-1				97		%
Selenium	77-1	134.82	136.42	133.34	134.86	1.14	ppb
Selenium	78-1	134.30	135.17	137.27	135.58	1.13	ppb
Selenium	82-1	135.65	134.14	134.68	134.82	0.57	ppb
Silicon	28-1	144.83	146.18	149.23	146.75	1.54	ppb
Silver	109-1	135.61	133.90	134.37	134.63	0.66	ppb
Silver	107-1	134.88	133.93	134.86	134.56	0.40	ppb
Sodium	23-1	13092.66	12906.61	12849.04	12949.44	0.98	ppb
Strontium	88-1	127.13	126.06	126.36	126.52	0.44	ppb
Strontium	86-1	129.30	128.09	128.48	128.62	0.48	ppb
Sulfur	34-1	2852.82	2651.04	2783.26	2762.37	3.71	ppb
Terbium	159-1				99		%
Thallium	203-1	128.96	123.22	125.23	125.80	2.31	ppb
Thallium	205-1	128.83	124.40	125.53	126.25	1.83	ppb
Tin	118-1	130.37	128.65	129.28	129.43	0.67	ppb
Titanium	47-1	637.40	630.02	629.78	632.40	0.68	ppb
Uranium	238-1	123.27	120.15	120.07	121.16	1.50	ppb
Vanadium	51-1	129.48	127.42	127.47	128.12	0.92	ppb
Yttrium	89-1				99		%
Zinc	66-1	268.29	264.52	266.52	266.45	0.71	ppb
Zirconium	90-1	124.18	121.59	121.82	122.53	1.17	ppb
Zirconium	91-1	124.06	121.54	122.10	122.57	1.08	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:20:27	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	5173.09	5012.43	5201.71	5129.08	1.99	ppb
Antimony	121-1	258.88	252.64	265.18	258.90	2.42	ppb
Arsenic	75-1	266.30	258.08	267.01	263.80	1.88	ppb
Barium	135-1	1286.97	1253.82	1321.64	1287.48	2.63	ppb
Barium	137-1	1277.10	1245.13	1300.55	1274.26	2.18	ppb
Beryllium	9-1	267.38	262.33	268.67	266.13	1.26	ppb
Bismuth	209-1				98		%
Boron	11-1	254.67	252.94	264.73	257.45	2.47	ppb
Boron	10-1	258.29	249.95	267.49	258.58	3.39	ppb
Bromine	81-1						cps
Cadmium	108-1	253.18	245.66	253.08	250.64	1.72	ppb
Cadmium	106-1	256.23	244.50	250.46	250.40	2.34	ppb
Cadmium	111-1	248.67	244.13	254.98	249.26	2.19	ppb
Calcium	43-1	25876.06	24978.35	26070.08	25641.50	2.27	ppb
Calcium	44-1	25824.04	24879.00	25998.98	25567.34	2.36	ppb
Chromium	52-1	261.08	250.60	262.39	258.02	2.50	ppb
Cobalt	59-1	261.88	253.33	263.63	259.61	2.12	ppb
Copper	63-1	497.06	477.75	499.84	491.55	2.45	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				101		%
Indium	115-1				97		%
Iron	56-1	13021.10	12540.63	13158.30	12906.67	2.51	ppb
Iron	57-1	13173.94	12740.40	13225.55	13046.63	2.04	ppb
Krypton	83-1						cps
Lead	206-1	252.30	247.88	256.68	252.28	1.74	ppb
Lead	207-1	255.10	249.32	255.98	253.47	1.43	ppb
Lead	208-1	253.56	245.86	255.41	251.61	2.01	ppb
Lithium	6-1				93		%
Magnesium	24-1	25364.77	24486.35	25450.61	25100.58	2.13	ppb
Manganese	55-1	517.05	497.72	521.23	512.00	2.45	ppb
Molybdenum	95-1	1278.60	1232.61	1285.91	1265.71	2.28	ppb
Molybdenum	96-1	1276.95	1232.99	1289.87	1266.60	2.35	ppb
Molybdenum	97-1	1271.01	1231.51	1288.17	1263.56	2.30	ppb
Molybdenum	98-1	1274.07	1238.31	1286.16	1266.18	1.97	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:20:27	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1259.10	1223.26	1282.16	1254.84	2.37	ppb
Neodymium	150-1						cps
Nickel	60-1	266.12	256.79	268.20	263.70	2.30	ppb
Phosphorus	31-1	5269.17	5078.00	5244.28	5197.15	2.00	ppb
Potassium	39-1	13030.52	12570.09	13021.42	12874.01	2.04	ppb
Rhodium	103-1				94		%
Scandium	45-1				95		%
Selenium	77-1	266.41	255.95	269.11	263.82	2.64	ppb
Selenium	78-1	269.69	263.46	276.91	270.02	2.49	ppb
Selenium	82-1	270.55	263.43	271.81	268.60	1.68	ppb
Silicon	28-1	285.98	275.64	291.43	284.35	2.82	ppb
Silver	109-1	260.71	254.96	265.43	260.36	2.01	ppb
Silver	107-1	265.09	254.87	267.27	262.41	2.52	ppb
Sodium	23-1	25984.69	25003.88	25990.99	25659.85	2.21	ppb
Strontium	88-1	256.91	248.05	257.46	254.14	2.08	ppb
Strontium	86-1	256.27	250.05	262.08	256.14	2.35	ppb
Sulfur	34-1	5250.23	4883.92	5126.56	5086.90	3.66	ppb
Terbium	159-1				100		%
Thallium	203-1	250.72	246.67	256.80	251.40	2.03	ppb
Thallium	205-1	249.96	244.93	253.64	249.51	1.75	ppb
Tin	118-1	255.55	247.22	260.90	254.56	2.71	ppb
Titanium	47-1	1284.06	1237.42	1288.08	1269.85	2.22	ppb
Uranium	238-1	247.24	240.56	249.73	245.84	1.93	ppb
Vanadium	51-1	256.52	246.96	259.99	254.49	2.65	ppb
Yttrium	89-1				98		%
Zinc	66-1	531.98	507.29	536.08	525.11	2.97	ppb
Zirconium	90-1	246.43	239.70	249.51	245.21	2.05	ppb
Zirconium	91-1	247.20	239.87	248.88	245.31	1.95	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:23:31	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	10072.41	9925.40	10212.06	10069.96	1.42	ppb
Antimony	121-1	507.70	493.24	507.04	502.66	1.62	ppb
Arsenic	75-1	510.94	504.91	514.07	509.97	0.91	ppb
Barium	135-1	2547.55	2468.49	2542.28	2519.44	1.75	ppb
Barium	137-1	2538.65	2479.15	2558.45	2525.42	1.63	ppb
Beryllium	9-1	511.48	500.18	510.23	507.29	1.22	ppb
Bismuth	209-1				96		%
Boron	11-1	503.59	493.02	510.71	502.44	1.77	ppb
Boron	10-1	502.10	493.27	509.85	501.74	1.65	ppb
Bromine	81-1						cps
Cadmium	108-1	482.11	468.15	492.06	480.77	2.50	ppb
Cadmium	106-1	487.87	468.50	492.01	482.79	2.60	ppb
Cadmium	111-1	478.78	470.06	484.19	477.68	1.49	ppb
Calcium	43-1	50744.16	50364.12	50875.37	50661.22	0.52	ppb
Calcium	44-1	50601.92	50156.57	51248.60	50669.03	1.08	ppb
Chromium	52-1	501.76	496.28	509.12	502.39	1.28	ppb
Cobalt	59-1	500.59	496.90	514.08	503.86	1.79	ppb
Copper	63-1	940.74	929.87	952.70	941.10	1.21	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				101		%
Indium	115-1				96		%
Iron	56-1	25446.09	25085.27	25762.55	25431.30	1.33	ppb
Iron	57-1	25618.13	25460.82	26266.59	25781.85	1.66	ppb
Krypton	83-1						cps
Lead	206-1	495.13	488.13	496.06	493.10	0.88	ppb
Lead	207-1	494.19	488.35	497.26	493.27	0.92	ppb
Lead	208-1	495.10	489.68	497.37	494.05	0.80	ppb
Lithium	6-1				90		%
Magnesium	24-1	49186.34	48312.70	49671.83	49056.96	1.40	ppb
Manganese	55-1	1006.23	989.70	1020.05	1005.33	1.51	ppb
Molybdenum	95-1	2488.88	2487.66	2516.08	2497.54	0.64	ppb
Molybdenum	96-1	2483.60	2495.54	2524.42	2501.19	0.84	ppb
Molybdenum	97-1	2503.05	2510.95	2518.71	2510.90	0.31	ppb
Molybdenum	98-1	2511.21	2488.78	2531.12	2510.37	0.84	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:23:31	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2477.78	2471.26	2514.68	2487.91	0.94	ppb
Neodymium	150-1						cps
Nickel	60-1	503.94	497.80	514.53	505.42	1.67	ppb
Phosphorus	31-1	10048.24	9884.76	10139.11	10024.04	1.29	ppb
Potassium	39-1	25561.68	25341.99	25650.50	25518.06	0.62	ppb
Rhodium	103-1				93		%
Scandium	45-1				94		%
Selenium	77-1	507.98	507.93	521.72	512.54	1.55	ppb
Selenium	78-1	515.97	501.25	518.44	511.89	1.82	ppb
Selenium	82-1	509.89	508.29	513.49	510.56	0.52	ppb
Silicon	28-1	510.19	511.38	529.34	516.97	2.08	ppb
Silver	109-1	503.55	489.82	507.08	500.15	1.82	ppb
Silver	107-1	503.96	488.85	512.24	501.68	2.36	ppb
Sodium	23-1	50214.16	49423.68	50993.90	50210.58	1.56	ppb
Strontium	88-1	500.66	498.34	504.88	501.29	0.66	ppb
Strontium	86-1	500.28	496.74	510.25	502.42	1.39	ppb
Sulfur	34-1	10026.77	9719.47	9903.36	9883.20	1.56	ppb
Terbium	159-1				100		%
Thallium	203-1	498.47	491.44	496.35	495.42	0.73	ppb
Thallium	205-1	498.23	488.61	500.18	495.67	1.25	ppb
Tin	118-1	505.06	493.73	511.27	503.35	1.77	ppb
Titanium	47-1	2509.34	2464.61	2536.65	2503.53	1.45	ppb
Uranium	238-1	496.10	486.00	497.37	493.16	1.26	ppb
Vanadium	51-1	500.39	494.12	508.05	500.85	1.39	ppb
Yttrium	89-1				97		%
Zinc	66-1	996.47	982.77	1010.38	996.54	1.39	ppb
Zirconium	90-1	501.44	493.70	506.40	500.52	1.28	ppb
Zirconium	91-1	498.44	493.23	503.92	498.53	1.07	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:26:35	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	20196.01	20321.71	19850.69	20122.80	1.21	ppb
Antimony	121-1	990.97	1011.26	984.92	995.72	1.39	ppb
Arsenic	75-1	1003.31	993.49	974.21	990.33	1.49	ppb
Barium	135-1	4933.68	5060.99	4937.80	4977.49	1.45	ppb
Barium	137-1	4940.43	5067.50	4924.61	4977.51	1.57	ppb
Beryllium	9-1	1007.68	997.68	967.35	990.90	2.12	ppb
Bismuth	209-1				97		%
Boron	11-1	1003.33	1003.93	981.43	996.23	1.29	ppb
Boron	10-1	1003.33	999.04	987.04	996.47	0.85	ppb
Bromine	81-1						cps
Cadmium	108-1	1013.73	1021.09	991.99	1008.94	1.50	ppb
Cadmium	106-1	1014.72	1024.99	984.17	1007.96	2.11	ppb
Cadmium	111-1	1009.08	1029.95	993.95	1011.00	1.79	ppb
Calcium	43-1	101848.88	102419.09	99771.29	101346.42	1.38	ppb
Calcium	44-1	101834.12	101919.76	99402.90	101052.26	1.41	ppb
Chromium	52-1	995.30	1006.28	986.45	996.01	1.00	ppb
Cobalt	59-1	993.81	1002.89	987.40	994.70	0.78	ppb
Copper	63-1	2026.11	2047.68	2020.64	2031.48	0.70	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				104		%
Indium	115-1				97		%
Iron	56-1	50474.42	51053.65	49970.36	50499.48	1.07	ppb
Iron	57-1	50908.19	51357.91	50657.30	50974.47	0.70	ppb
Krypton	83-1						cps
Lead	206-1	1010.67	1010.95	986.44	1002.69	1.40	ppb
Lead	207-1	1015.22	1007.62	984.08	1002.31	1.62	ppb
Lead	208-1	1014.90	1009.16	982.95	1002.34	1.70	ppb
Lithium	6-1				90		%
Magnesium	24-1	97481.72	99495.62	95995.11	97657.48	1.80	ppb
Manganese	55-1	1992.39	2012.13	1976.31	1993.61	0.90	ppb
Molybdenum	95-1	5018.61	5058.74	4911.22	4996.19	1.53	ppb
Molybdenum	96-1	5029.91	5042.59	4910.39	4994.30	1.46	ppb
Molybdenum	97-1	5030.33	5019.83	4918.26	4989.47	1.24	ppb
Molybdenum	98-1	5004.30	5040.01	4925.70	4990.00	1.17	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:26:35	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5027.39	5064.30	4921.39	5004.36	1.48	ppb
Neodymium	150-1						cps
Nickel	60-1	988.81	1003.02	985.51	992.45	0.94	ppb
Phosphorus	31-1	20050.85	20017.05	19709.85	19925.92	0.94	ppb
Potassium	39-1	50723.72	51338.82	50137.16	50733.24	1.18	ppb
Rhodium	103-1				93		%
Scandium	45-1				95		%
Selenium	77-1	1000.45	996.62	969.47	988.85	1.71	ppb
Selenium	78-1	1001.60	993.02	968.37	987.66	1.75	ppb
Selenium	82-1	1002.90	1000.25	962.98	988.71	2.26	ppb
Silicon	28-1	975.73	992.88	970.95	979.85	1.18	ppb
Silver	109-1	993.28	1011.11	983.50	995.96	1.41	ppb
Silver	107-1	990.29	1013.48	980.29	994.69	1.71	ppb
Sodium	23-1	100254.76	100793.12	97961.89	99669.92	1.51	ppb
Strontium	88-1	1004.83	1009.42	980.12	998.13	1.58	ppb
Strontium	86-1	1004.58	1005.59	980.15	996.77	1.45	ppb
Sulfur	34-1	20290.26	20230.40	19498.04	20006.23	2.20	ppb
Terbium	159-1				103		%
Thallium	203-1	1008.22	1017.91	979.56	1001.90	1.99	ppb
Thallium	205-1	1008.99	1015.15	982.33	1002.16	1.74	ppb
Tin	118-1	995.54	1011.79	982.51	996.61	1.47	ppb
Titanium	47-1	5019.06	5023.82	4934.48	4992.45	1.01	ppb
Uranium	238-1	1015.72	1010.96	988.59	1005.09	1.44	ppb
Vanadium	51-1	1000.19	1004.64	989.35	998.06	0.79	ppb
Yttrium	89-1				100		%
Zinc	66-1	1988.84	2014.15	1976.74	1993.24	0.96	ppb
Zirconium	90-1	1009.35	1008.30	986.50	1001.38	1.29	ppb
Zirconium	91-1	1006.02	1012.05	988.93	1002.34	1.20	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:29:39	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	99033.31	99914.24	100932.85	99960.13	0.95	ppb
Antimony	121-1	1.80	1.91	2.05	1.92	6.51	ppb
Arsenic	75-1	0.98	1.00	1.06	1.01	4.14	ppb
Barium	135-1	12.69	13.10	12.60	12.80	2.07	ppb
Barium	137-1	12.73	12.96	12.67	12.79	1.22	ppb
Beryllium	9-1	0.84	0.82	0.84	0.83	1.34	ppb
Bismuth	209-1				81		%
Boron	11-1	20.79	19.50	17.10	19.13	9.80	ppb
Boron	10-1	22.04	18.71	17.04	19.26	13.20	ppb
Bromine	81-1						cps
Cadmium	108-1	1.04	0.86	0.86	0.92	11.03	ppb
Cadmium	106-1	0.90	1.44	1.34	1.22	23.65	ppb
Cadmium	111-1	0.78	0.90	0.78	0.82	8.12	ppb
Calcium	43-1	496833.17	503593.74	498448.01	499624.97	0.71	ppb
Calcium	44-1	494662.23	503212.35	501192.78	499689.12	0.89	ppb
Chromium	52-1	18.10	18.05	18.05	18.06	0.15	ppb
Cobalt	59-1	2.87	2.81	2.78	2.82	1.52	ppb
Copper	63-1	19.16	19.23	19.55	19.31	1.09	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				95		%
Indium	115-1				92		%
Iron	56-1	247291.86	250524.12	251679.86	249831.95	0.91	ppb
Iron	57-1	249189.57	249312.63	250571.87	249691.36	0.31	ppb
Krypton	83-1						cps
Lead	206-1	5.85	5.73	5.77	5.78	1.11	ppb
Lead	207-1	5.94	5.87	5.85	5.89	0.79	ppb
Lead	208-1	5.86	5.83	5.77	5.82	0.76	ppb
Lithium	6-1				81		%
Magnesium	24-1	498109.46	501640.54	501912.31	500554.10	0.42	ppb
Manganese	55-1	10.67	10.73	10.76	10.72	0.45	ppb
Molybdenum	95-1	6.69	6.70	6.68	6.69	0.19	ppb
Molybdenum	96-1	8.88	9.03	8.95	8.96	0.86	ppb
Molybdenum	97-1	6.46	6.72	6.60	6.59	1.92	ppb
Molybdenum	98-1	6.61	6.64	6.47	6.57	1.43	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:29:39	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.97	6.24	6.04	6.08	2.30	ppb
Neodymium	150-1						cps
Nickel	60-1	16.34	16.51	16.59	16.48	0.79	ppb
Phosphorus	31-1	-11.05	-10.82	-9.76	-10.54		ppb
Potassium	39-1	248530.59	249654.52	251147.77	249777.63	0.53	ppb
Rhodium	103-1				81		%
Scandium	45-1				90		%
Selenium	77-1	0.83	1.54	0.96	1.11	34.19	ppb
Selenium	78-1	-0.83	-1.76	-0.79	-1.12		ppb
Selenium	82-1	1.42	1.49	1.51	1.47	3.31	ppb
Silicon	28-1	27.74	26.95	25.51	26.73	4.24	ppb
Silver	109-1	0.58	0.58	0.55	0.57	2.89	ppb
Silver	107-1	0.59	0.56	0.54	0.56	4.50	ppb
Sodium	23-1	501273.8	503965.6	489809.45	498349.6	0.5	ppb
Strontium	88-1	2.86	2.85	2.80	2.84	1.19	ppb
Strontium	86-1	2.79	2.84	2.85	2.82	1.15	ppb
Sulfur	34-1	-1053.91	-1003.95	-969.71	-1009.19		ppb
Terbium	159-1				94		%
Thallium	203-1	1.02	0.98	0.93	0.97	4.80	ppb
Thallium	205-1	1.00	1.00	0.96	0.99	2.59	ppb
Tin	118-1	1.38	1.42	1.40	1.40	1.71	ppb
Titanium	47-1	3.88	4.12	4.09	4.03	3.23	ppb
Uranium	238-1	0.57	0.54	0.53	0.55	3.40	ppb
Vanadium	51-1	1.24	1.23	1.21	1.23	1.51	ppb
Yttrium	89-1				94		%
Zinc	66-1	38.61	38.47	39.08	38.72	0.81	ppb
Zirconium	90-1	0.89	0.87	0.88	0.88	0.89	ppb
Zirconium	91-1	0.85	0.85	0.85	0.85	0.30	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:43:47	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	517.68	517.22	519.81	518.24	0.27	ppb
Antimony	121-1	199.42	198.80	199.22	199.15	0.16	ppb
Arsenic	75-1	206.41	206.55	206.33	206.43	0.05	ppb
Barium	135-1	102.28	104.34	101.58	102.73	1.40	ppb
Barium	137-1	103.06	103.62	103.16	103.28	0.29	ppb
Beryllium	9-1	101.16	101.35	102.67	101.73	0.81	ppb
Bismuth	209-1				97		%
Boron	11-1	509.34	517.93	516.37	514.54	0.89	ppb
Boron	10-1	506.09	520.38	520.06	515.51	1.58	ppb
Bromine	81-1						cps
Cadmium	108-1	172.21	174.35	175.12	173.89	0.87	ppb
Cadmium	106-1	204.24	204.22	203.92	204.13	0.09	ppb
Cadmium	111-1	106.19	106.67	105.58	106.15	0.52	ppb
Calcium	43-1	2239.32	2223.37	2224.22	2228.97	0.40	ppb
Calcium	44-1	2165.68	2155.54	2164.14	2161.79	0.25	ppb
Chromium	52-1	103.64	101.67	103.23	102.85	1.01	ppb
Cobalt	59-1	106.32	105.55	105.33	105.73	0.50	ppb
Copper	63-1	102.41	102.06	101.57	102.01	0.41	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				98		%
Indium	115-1				96		%
Iron	56-1	1964.02	1962.03	1973.92	1966.66	0.32	ppb
Iron	57-1	2020.76	2017.12	2027.43	2021.77	0.26	ppb
Krypton	83-1						cps
Lead	206-1	205.70	206.15	204.61	205.49	0.38	ppb
Lead	207-1	195.46	197.42	196.85	196.58	0.51	ppb
Lead	208-1	201.06	203.01	201.10	201.73	0.55	ppb
Lithium	6-1				93		%
Magnesium	24-1	1151.35	1141.98	1150.91	1148.08	0.46	ppb
Manganese	55-1	100.98	100.33	101.92	101.08	0.79	ppb
Molybdenum	95-1	2495.96	2502.78	2480.15	2492.96	0.47	ppb
Molybdenum	96-1	2494.62	2492.49	2489.57	2492.23	0.10	ppb
Molybdenum	97-1	2499.91	2495.62	2493.67	2496.40	0.13	ppb
Molybdenum	98-1	2473.06	2518.62	2508.86	2500.18	0.96	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:43:47	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2491.78	2483.79	2462.31	2479.29	0.61	ppb
Neodymium	150-1						cps
Nickel	60-1	108.27	107.80	107.73	107.93	0.27	ppb
Phosphorus	31-1	-21.18	-21.71	-22.21	-21.70		ppb
Potassium	39-1	1983.39	1959.70	1963.64	1968.91	0.64	ppb
Rhodium	103-1				95		%
Scandium	45-1				92		%
Selenium	77-1	211.36	207.83	209.80	209.66	0.84	ppb
Selenium	78-1	212.03	210.43	210.33	210.93	0.45	ppb
Selenium	82-1	208.35	207.62	208.15	208.04	0.18	ppb
Silicon	28-1	462.88	475.70	487.62	475.40	2.60	ppb
Silver	109-1	50.98	52.02	51.13	51.38	1.09	ppb
Silver	107-1	52.16	51.71	51.82	51.90	0.45	ppb
Sodium	23-1	2018.26	2004.61	2005.40	2009.42	0.38	ppb
Strontium	88-1	489.42	495.69	491.66	492.26	0.65	ppb
Strontium	86-1	495.14	500.09	499.28	498.17	0.53	ppb
Sulfur	34-1	-660.14	-774.91	-806.29	-747.11		ppb
Terbium	159-1				97		%
Thallium	203-1	202.60	204.11	200.35	202.35	0.94	ppb
Thallium	205-1	200.43	202.07	199.52	200.67	0.64	ppb
Tin	118-1	504.10	500.56	501.64	502.10	0.36	ppb
Titanium	47-1	2477.99	2483.46	2481.86	2481.11	0.11	ppb
Uranium	238-1	457.11	460.82	458.79	458.90	0.40	ppb
Vanadium	51-1	98.94	98.64	99.47	99.01	0.43	ppb
Yttrium	89-1				96		%
Zinc	66-1	204.34	202.27	203.77	203.46	0.53	ppb
Zirconium	90-1	489.30	493.27	489.02	490.53	0.48	ppb
Zirconium	91-1	496.73	497.78	495.03	496.51	0.28	ppb

LB Number : LB107627 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-06 16:50:40 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.59	0.54	0.57	0.57	4.34	ppb
Antimony	121-1	0.14	0.18	0.21	0.18	18.22	ppb
Arsenic	75-1	-0.02	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.02	0.03	0.01	0.02	57.57	ppb
Barium	137-1	0.02	0.03	0.02	0.02	24.95	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	80.71	ppb
Bismuth	209-1				99		%
Boron	11-1	3.49	3.39	3.34	3.41	2.24	ppb
Boron	10-1	3.90	2.95	3.24	3.36	14.45	ppb
Bromine	81-1						cps
Cadmium	108-1	0.06	0.05	0.00	0.04	86.55	ppb
Cadmium	106-1	0.25	0.75	0.86	0.62	52.83	ppb
Cadmium	111-1	0.02	0.06	0.07	0.05	50.80	ppb
Calcium	43-1	3.69	2.35	4.61	3.55	31.90	ppb
Calcium	44-1	3.75	4.05	4.59	4.13	10.38	ppb
Chromium	52-1	0.01	0.02	-0.01	0.01	184.41	ppb
Cobalt	59-1	0.00	-0.01	0.00	0.00		ppb
Copper	63-1	0.48	0.47	0.47	0.47	1.88	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				99		%
Indium	115-1				99		%
Iron	56-1	-2.24	-3.62	-3.28	-3.05		ppb
Iron	57-1	-1.71	-2.95	-3.02	-2.56		ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.00	0.01	47.71	ppb
Lead	207-1	0.02	0.01	0.00	0.01	61.80	ppb
Lead	208-1	0.01	0.00	0.00	0.00	44.35	ppb
Lithium	6-1				95		%
Magnesium	24-1	2.69	2.64	2.75	2.69	2.13	ppb
Manganese	55-1	0.03	0.03	0.04	0.03	27.13	ppb
Molybdenum	95-1	0.10	0.11	0.10	0.10	2.55	ppb
Molybdenum	96-1	0.09	0.11	0.09	0.10	12.06	ppb
Molybdenum	97-1	0.09	0.08	0.08	0.09	3.66	ppb
Molybdenum	98-1	0.08	0.09	0.11	0.10	11.80	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:50:40	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.10	0.10	0.12	0.11	13.60	ppb
Neodymium	150-1						cps
Nickel	60-1	0.00	-0.01	0.00	0.00		ppb
Phosphorus	31-1	-25.92	-26.02	-25.90	-25.95		ppb
Potassium	39-1	10.52	8.99	9.12	9.54	8.88	ppb
Rhodium	103-1				99		%
Scandium	45-1				97		%
Selenium	77-1	0.22	0.06	0.07	0.12	78.20	ppb
Selenium	78-1	1.20	1.06	1.31	1.19	10.52	ppb
Selenium	82-1	0.08	-0.19	-0.12	-0.08		ppb
Silicon	28-1	0.37	0.14	0.35	0.29	43.53	ppb
Silver	109-1	0.00	0.00	0.00	0.00	20.92	ppb
Silver	107-1	0.01	0.01	0.01	0.01	16.22	ppb
Sodium	23-1	28.92	28.30	27.51	28.25	2.51	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	24.23	ppb
Strontium	86-1	-0.03	-0.01	-0.01	-0.02		ppb
Sulfur	34-1	-621.41	-670.97	-698.17	-663.52		ppb
Terbium	159-1				99		%
Thallium	203-1	0.02	0.01	0.00	0.01	73.71	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	50.79	ppb
Tin	118-1	0.04	0.05	0.07	0.05	29.08	ppb
Titanium	47-1	0.02	0.05	0.04	0.04	47.21	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	166.59	ppb
Vanadium	51-1	0.00	0.00	0.00	0.00	455.94	ppb
Yttrium	89-1				99		%
Zinc	66-1	-0.03	-0.14	-0.06	-0.08		ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	25.19	ppb
Zirconium	91-1	0.01	0.02	0.02	0.02	22.22	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:53:35	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	96347.85	95576.29	95485.44	95803.19	0.49	ppb
Antimony	121-1	1.21	1.15	1.20	1.18	2.90	ppb
Arsenic	75-1	1.40	1.45	1.47	1.44	2.73	ppb
Barium	135-1	1.36	1.36	1.34	1.35	1.10	ppb
Barium	137-1	1.37	1.46	1.36	1.39	3.94	ppb
Beryllium	9-1	0.25	0.31	0.27	0.28	10.95	ppb
Bismuth	209-1				91		%
Boron	11-1	3.08	3.10	3.08	3.08	0.36	ppb
Boron	10-1	3.29	2.93	3.34	3.18	7.00	ppb
Bromine	81-1						cps
Cadmium	108-1	15.24	15.27	14.64	15.05	2.34	ppb
Cadmium	106-1	-1.99	0.11	-0.44	-0.77		ppb
Cadmium	111-1	0.33	0.52	0.53	0.46	24.92	ppb
Calcium	43-1	97770.59	96437.00	97186.18	97131.26	0.69	ppb
Calcium	44-1	97584.39	96869.40	96270.41	96908.07	0.68	ppb
Chromium	52-1	20.22	19.89	19.75	19.96	1.22	ppb
Cobalt	59-1	1.24	1.21	1.23	1.23	1.12	ppb
Copper	63-1	10.10	9.74	9.76	9.87	2.05	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				100		%
Indium	115-1				95		%
Iron	56-1	97126.55	96039.33	96494.16	96553.34	0.57	ppb
Iron	57-1	97375.50	96887.61	96635.63	96966.25	0.39	ppb
Krypton	83-1						cps
Lead	206-1	4.77	4.66	4.63	4.68	1.54	ppb
Lead	207-1	4.28	4.20	4.07	4.19	2.50	ppb
Lead	208-1	4.49	4.38	4.29	4.38	2.25	ppb
Lithium	6-1				89		%
Magnesium	24-1	93696.29	92695.03	92847.31	93079.54	0.58	ppb
Manganese	55-1	7.31	7.22	7.15	7.23	1.11	ppb
Molybdenum	95-1	1903.49	1934.80	1910.21	1916.17	0.86	ppb
Molybdenum	96-1	1824.81	1847.75	1841.80	1838.12	0.65	ppb
Molybdenum	97-1	1895.60	1913.03	1926.96	1911.86	0.82	ppb
Molybdenum	98-1	1898.41	1913.51	1933.19	1915.04	0.91	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:53:35	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1307.41	1322.13	1313.87	1314.47	0.56	ppb
Neodymium	150-1						cps
Nickel	60-1	6.11	5.96	5.98	6.02	1.34	ppb
Phosphorus	31-1	95050.68	94192.87	94596.06	94613.20	0.45	ppb
Potassium	39-1	98254.83	96984.17	97487.73	97575.58	0.66	ppb
Rhodium	103-1				90		%
Scandium	45-1				95		%
Selenium	77-1	5.57	5.31	5.62	5.50	3.00	ppb
Selenium	78-1	2.14	0.87	1.40	1.47	43.40	ppb
Selenium	82-1	0.34	0.29	0.48	0.37	27.48	ppb
Silicon	28-1	22.42	22.25	22.20	22.29	0.51	ppb
Silver	109-1	0.04	0.05	0.06	0.05	19.31	ppb
Silver	107-1	0.04	0.05	0.05	0.05	21.89	ppb
Sodium	23-1	97902.82	97129.00	97165.05	97398.96	0.45	ppb
Strontium	88-1	33.49	32.90	32.99	33.13	0.97	ppb
Strontium	86-1	32.97	33.08	33.04	33.03	0.17	ppb
Sulfur	34-1	80477.11	79931.97	79763.68	80057.58	0.47	ppb
Terbium	159-1				99		%
Thallium	203-1	0.17	0.21	0.20	0.19	9.83	ppb
Thallium	205-1	0.16	0.20	0.21	0.19	13.35	ppb
Tin	118-1	0.18	0.18	0.19	0.18	4.42	ppb
Titanium	47-1	1962.86	1943.35	1969.88	1958.70	0.70	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	28.30	ppb
Vanadium	51-1	0.55	0.57	0.59	0.57	3.85	ppb
Yttrium	89-1				98		%
Zinc	66-1	11.70	11.41	11.79	11.63	1.73	ppb
Zirconium	90-1	0.04	0.09	0.15	0.10	56.37	ppb
Zirconium	91-1	0.06	0.09	0.16	0.10	49.98	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:56:31	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	94953.38	95056.35	94866.65	94958.79	0.10	ppb
Antimony	121-1	20.28	20.38	20.45	20.37	0.41	ppb
Arsenic	75-1	21.07	20.93	21.15	21.05	0.53	ppb
Barium	135-1	21.13	21.08	20.85	21.02	0.70	ppb
Barium	137-1	20.87	21.37	20.95	21.07	1.28	ppb
Beryllium	9-1	20.23	20.50	19.81	20.18	1.71	ppb
Bismuth	209-1				91		%
Boron	11-1	51.92	53.48	53.21	52.87	1.57	ppb
Boron	10-1	52.36	54.27	52.99	53.20	1.83	ppb
Bromine	81-1						cps
Cadmium	108-1	37.43	35.43	35.66	36.17	3.03	ppb
Cadmium	106-1	22.60	24.47	23.47	23.51	3.97	ppb
Cadmium	111-1	18.54	18.77	18.47	18.59	0.83	ppb
Calcium	43-1	96670.13	97377.70	97323.45	97123.76	0.41	ppb
Calcium	44-1	96740.78	97402.40	96901.39	97014.86	0.36	ppb
Chromium	52-1	39.50	39.18	39.12	39.27	0.52	ppb
Cobalt	59-1	20.97	20.66	20.26	20.63	1.72	ppb
Copper	63-1	27.61	28.32	28.24	28.06	1.38	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				100		%
Indium	115-1				94		%
Iron	56-1	96351.06	97092.58	96257.65	96567.10	0.47	ppb
Iron	57-1	97075.22	97263.00	96406.95	96915.05	0.46	ppb
Krypton	83-1						cps
Lead	206-1	24.44	25.15	24.69	24.76	1.47	ppb
Lead	207-1	23.50	23.57	23.42	23.50	0.32	ppb
Lead	208-1	23.94	24.12	23.94	24.00	0.43	ppb
Lithium	6-1				88		%
Magnesium	24-1	91963.53	92838.53	92411.88	92404.65	0.47	ppb
Manganese	55-1	26.19	26.18	26.03	26.13	0.34	ppb
Molybdenum	95-1	1949.09	1951.32	1956.75	1952.39	0.20	ppb
Molybdenum	96-1	1883.48	1889.47	1891.57	1888.17	0.22	ppb
Molybdenum	97-1	1936.69	1947.16	1966.67	1950.17	0.78	ppb
Molybdenum	98-1	1936.70	1957.53	1958.14	1950.79	0.63	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:56:31	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1419.56	1426.77	1421.10	1422.48	0.27	ppb
Neodymium	150-1						cps
Nickel	60-1	25.50	25.60	25.11	25.40	1.02	ppb
Phosphorus	31-1	93857.99	95020.99	94172.51	94350.49	0.64	ppb
Potassium	39-1	97552.66	97410.06	97386.99	97449.91	0.09	ppb
Rhodium	103-1				90		%
Scandium	45-1				94		%
Selenium	77-1	24.60	25.00	25.04	24.88	0.98	ppb
Selenium	78-1	20.05	22.80	22.84	21.90	7.30	ppb
Selenium	82-1	18.93	19.27	18.75	18.98	1.40	ppb
Silicon	28-1	75.01	76.60	77.28	76.30	1.53	ppb
Silver	109-1	18.04	18.22	18.11	18.12	0.51	ppb
Silver	107-1	18.33	18.36	18.23	18.31	0.36	ppb
Sodium	23-1	95621.48	97268.71	96233.39	96374.53	0.86	ppb
Strontium	88-1	82.69	82.78	83.10	82.86	0.26	ppb
Strontium	86-1	82.57	82.49	82.47	82.51	0.06	ppb
Sulfur	34-1	79594.43	79909.20	79139.20	79547.61	0.49	ppb
Terbium	159-1				99		%
Thallium	203-1	20.27	20.46	20.00	20.24	1.14	ppb
Thallium	205-1	20.18	20.55	20.12	20.28	1.15	ppb
Tin	118-1	48.90	49.33	49.87	49.36	0.99	ppb
Titanium	47-1	2006.24	2011.97	2005.44	2007.88	0.18	ppb
Uranium	238-1	50.12	50.34	49.78	50.08	0.57	ppb
Vanadium	51-1	19.83	19.68	19.65	19.72	0.48	ppb
Yttrium	89-1				97		%
Zinc	66-1	29.23	29.91	29.27	29.47	1.29	ppb
Zirconium	90-1	50.53	50.03	49.85	50.14	0.70	ppb
Zirconium	91-1	50.66	50.35	50.37	50.46	0.35	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:59:58	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	51768.09	53573.53	52119.91	52487.18	1.82	ppb
Antimony	121-1	476.97	488.68	480.10	481.91	1.26	ppb
Arsenic	75-1	478.00	490.66	480.23	482.96	1.40	ppb
Barium	135-1	2445.75	2511.60	2472.58	2476.65	1.34	ppb
Barium	137-1	2449.89	2510.22	2491.34	2483.82	1.24	ppb
Beryllium	9-1	504.04	499.14	492.26	498.48	1.19	ppb
Bismuth	209-1				87		%
Boron	11-1	477.49	482.78	480.69	480.32	0.55	ppb
Boron	10-1	475.31	485.35	475.67	478.78	1.19	ppb
Bromine	81-1						cps
Cadmium	108-1	473.30	477.72	471.09	474.04	0.71	ppb
Cadmium	106-1	479.02	477.08	471.59	475.89	0.81	ppb
Cadmium	111-1	463.35	475.92	464.65	467.97	1.48	ppb
Calcium	43-1	236685.96	242271.95	236216.07	238391.33	1.41	ppb
Calcium	44-1	236594.80	243688.58	235997.51	238760.29	1.79	ppb
Chromium	52-1	490.48	507.40	488.19	495.36	2.12	ppb
Cobalt	59-1	484.96	497.00	477.65	486.54	2.01	ppb
Copper	63-1	968.53	1000.58	972.30	980.47	1.79	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				99		%
Indium	115-1				94		%
Iron	56-1	118802.08	122157.24	117817.28	119592.20	1.90	ppb
Iron	57-1	119324.94	122481.63	118341.94	120049.50	1.80	ppb
Krypton	83-1						cps
Lead	206-1	506.65	513.87	500.08	506.87	1.36	ppb
Lead	207-1	503.31	506.05	493.02	500.79	1.37	ppb
Lead	208-1	505.72	512.87	499.31	505.97	1.34	ppb
Lithium	6-1				87		%
Magnesium	24-1	237730.77	244140.52	237169.47	239680.25	1.62	ppb
Manganese	55-1	960.64	990.52	962.99	971.38	1.71	ppb
Molybdenum	95-1	2407.90	2528.11	2447.87	2461.29	2.49	ppb
Molybdenum	96-1	2408.43	2528.89	2443.73	2460.35	2.52	ppb
Molybdenum	97-1	2418.55	2526.75	2453.21	2466.17	2.24	ppb
Molybdenum	98-1	2423.71	2514.62	2439.97	2459.43	1.97	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:59:58	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2394.01	2504.21	2427.90	2442.04	2.31	ppb
Neodymium	150-1						cps
Nickel	60-1	479.25	487.98	474.05	480.43	1.47	ppb
Phosphorus	31-1	9658.26	9950.76	9625.69	9744.90	1.84	ppb
Potassium	39-1	124137.04	127404.82	123379.53	124973.80	1.71	ppb
Rhodium	103-1				87		%
Scandium	45-1				94		%
Selenium	77-1	483.11	496.46	490.12	489.90	1.36	ppb
Selenium	78-1	495.37	514.62	495.66	501.88	2.20	ppb
Selenium	82-1	486.37	503.30	484.95	491.54	2.08	ppb
Silicon	28-1	469.25	495.35	484.36	482.99	2.71	ppb
Silver	109-1	474.38	486.79	479.76	480.31	1.30	ppb
Silver	107-1	474.41	486.50	476.86	479.25	1.33	ppb
Sodium	23-1	237606.39	245249.23	239224.15	240693.26	1.67	ppb
Strontium	88-1	481.01	496.94	482.87	486.94	1.79	ppb
Strontium	86-1	476.96	497.26	481.05	485.09	2.21	ppb
Sulfur	34-1	9423.69	9716.43	9160.54	9433.55	2.95	ppb
Terbium	159-1				98		%
Thallium	203-1	503.73	520.09	507.46	510.43	1.68	ppb
Thallium	205-1	505.00	515.24	505.88	508.70	1.12	ppb
Tin	118-1	477.26	490.50	481.54	483.10	1.40	ppb
Titanium	47-1	2450.00	2499.77	2442.22	2463.99	1.27	ppb
Uranium	238-1	513.81	531.55	518.58	521.31	1.76	ppb
Vanadium	51-1	490.11	506.01	489.21	495.11	1.91	ppb
Yttrium	89-1				97		%
Zinc	66-1	946.61	970.30	943.06	953.32	1.55	ppb
Zirconium	90-1	472.82	488.03	472.47	477.77	1.86	ppb
Zirconium	91-1	466.93	485.15	466.23	472.77	2.27	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 17:08:29	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.48	0.51	0.52	0.51	4.29	ppb
Antimony	121-1	0.22	0.27	0.25	0.25	9.74	ppb
Arsenic	75-1	0.00	0.00	-0.01	0.00		ppb
Barium	135-1	0.02	0.02	0.01	0.01	44.01	ppb
Barium	137-1	0.01	0.00	0.01	0.01	53.37	ppb
Beryllium	9-1	0.02	-0.01	0.03	0.01	173.71	ppb
Bismuth	209-1				98		%
Boron	11-1	3.82	3.92	3.54	3.76	5.22	ppb
Boron	10-1	3.63	4.02	3.50	3.72	7.26	ppb
Bromine	81-1						cps
Cadmium	108-1	-0.01	0.01	0.05	0.02	176.13	ppb
Cadmium	106-1	1.14	1.69	-0.06	0.93	96.86	ppb
Cadmium	111-1	0.10	0.14	0.00	0.08	93.50	ppb
Calcium	43-1	0.97	1.57	-1.48	0.36	455.43	ppb
Calcium	44-1	2.40	2.70	2.14	2.41	11.53	ppb
Chromium	52-1	0.06	0.07	0.04	0.06	29.30	ppb
Cobalt	59-1	0.00	0.00	0.00	0.00		ppb
Copper	63-1	0.40	0.43	0.40	0.41	4.29	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				100		%
Indium	115-1				99		%
Iron	56-1	12.40	10.92	10.64	11.32	8.34	ppb
Iron	57-1	-2.00	-0.80	-0.81	-1.20		ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.03	0.04	11.02	ppb
Lead	207-1	0.05	0.04	0.03	0.04	21.21	ppb
Lead	208-1	0.04	0.03	0.03	0.03	9.13	ppb
Lithium	6-1				92		%
Magnesium	24-1	1.68	1.85	1.91	1.82	6.52	ppb
Manganese	55-1	0.02	0.03	0.02	0.03	12.95	ppb
Molybdenum	95-1	0.09	0.10	0.08	0.09	12.19	ppb
Molybdenum	96-1	0.09	0.11	0.12	0.11	11.44	ppb
Molybdenum	97-1	0.10	0.09	0.10	0.10	2.55	ppb
Molybdenum	98-1	0.10	0.11	0.10	0.10	7.39	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 17:08:29	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.15	0.12	0.12	24.15	ppb
Neodymium	150-1						cps
Nickel	60-1	0.00	0.00	0.00	0.00	39.95	ppb
Phosphorus	31-1	-25.16	-24.82	-25.23	-25.07		ppb
Potassium	39-1	9.61	9.70	8.39	9.23	7.95	ppb
Rhodium	103-1				98		%
Scandium	45-1				97		%
Selenium	77-1	0.21	0.14	0.22	0.19	22.14	ppb
Selenium	78-1	1.81	3.98	1.47	2.42	56.39	ppb
Selenium	82-1	-0.23	-0.02	-0.20	-0.15		ppb
Silicon	28-1	-0.32	-0.06	-0.20	-0.19		ppb
Silver	109-1	0.01	0.02	0.02	0.01	34.68	ppb
Silver	107-1	0.02	0.01	0.02	0.02	20.24	ppb
Sodium	23-1	29.13	28.83	28.60	28.85	0.93	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	4.61	ppb
Strontium	86-1	-0.02	-0.04	0.00	-0.02		ppb
Sulfur	34-1	-476.15	-552.67	-533.51	-520.78		ppb
Terbium	159-1				99		%
Thallium	203-1	0.05	0.04	0.03	0.04	23.68	ppb
Thallium	205-1	0.05	0.04	0.03	0.04	14.64	ppb
Tin	118-1	0.03	0.05	0.07	0.05	32.22	ppb
Titanium	47-1	0.02	0.05	0.04	0.04	45.46	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	182.48	ppb
Vanadium	51-1	0.00	0.01	0.00	0.00	49.12	ppb
Yttrium	89-1				99		%
Zinc	66-1	-0.05	-0.05	-0.09	-0.06		ppb
Zirconium	90-1	0.03	0.04	0.05	0.04	30.59	ppb
Zirconium	91-1	0.03	0.05	0.05	0.04	28.65	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 17:11:22	DataFile Name :	018LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	16.60	16.33	16.15	16.36	1.37	ppb
Antimony	121-1	2.15	2.07	2.12	2.11	1.82	ppb
Arsenic	75-1	1.08	1.11	1.10	1.10	1.69	ppb
Barium	135-1	10.74	10.49	10.24	10.49	2.36	ppb
Barium	137-1	10.60	10.42	10.27	10.43	1.54	ppb
Beryllium	9-1	1.15	1.12	1.09	1.12	2.53	ppb
Bismuth	209-1				97		%
Boron	11-1	27.83	27.52	28.08	27.81	1.02	ppb
Boron	10-1	28.02	28.81	28.94	28.59	1.74	ppb
Bromine	81-1						cps
Cadmium	108-1	0.88	1.08	1.04	1.00	10.70	ppb
Cadmium	106-1	1.79	1.14	0.99	1.31	32.86	ppb
Cadmium	111-1	1.07	1.07	0.94	1.03	7.43	ppb
Calcium	43-1	524.76	515.84	488.16	509.59	3.74	ppb
Calcium	44-1	530.38	523.81	519.74	524.64	1.02	ppb
Chromium	52-1	2.20	2.14	2.12	2.15	1.87	ppb
Cobalt	59-1	1.08	1.06	1.03	1.05	2.36	ppb
Copper	63-1	2.51	2.50	2.49	2.50	0.48	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				99		%
Indium	115-1				98		%
Iron	56-1	65.29	60.02	58.25	61.18	5.99	ppb
Iron	57-1	56.11	56.12	54.33	55.52	1.86	ppb
Krypton	83-1						cps
Lead	206-1	0.99	1.00	0.99	1.00	0.68	ppb
Lead	207-1	1.02	0.96	0.99	0.99	2.80	ppb
Lead	208-1	1.02	0.99	0.99	1.00	1.93	ppb
Lithium	6-1				92		%
Magnesium	24-1	517.61	505.07	501.07	507.92	1.70	ppb
Manganese	55-1	1.14	1.09	1.11	1.11	1.86	ppb
Molybdenum	95-1	5.43	5.28	5.34	5.35	1.35	ppb
Molybdenum	96-1	5.33	5.22	5.30	5.28	1.09	ppb
Molybdenum	97-1	5.23	5.19	5.20	5.21	0.40	ppb
Molybdenum	98-1	5.30	5.28	5.30	5.29	0.17	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 17:11:22	DataFile Name :	018LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.02	5.18	4.92	5.04	2.57	ppb
Neodymium	150-1						cps
Nickel	60-1	1.25	1.19	1.21	1.22	2.56	ppb
Phosphorus	31-1	30.44	29.59	28.74	29.59	2.87	ppb
Potassium	39-1	532.23	513.78	512.68	519.57	2.11	ppb
Rhodium	103-1				98		%
Scandium	45-1				97		%
Selenium	77-1	6.17	5.96	5.65	5.92	4.39	ppb
Selenium	78-1	10.24	11.61	8.64	10.16	14.65	ppb
Selenium	82-1	5.87	5.74	5.87	5.83	1.33	ppb
Silicon	28-1	9.98	8.97	9.21	9.39	5.61	ppb
Silver	109-1	1.19	1.17	1.14	1.17	2.24	ppb
Silver	107-1	1.18	1.15	1.15	1.16	1.15	ppb
Sodium	23-1	548.15	531.92	529.25	536.44	1.91	ppb
Strontium	88-1	1.03	1.01	1.00	1.01	1.58	ppb
Strontium	86-1	0.95	0.96	0.93	0.95	1.59	ppb
Sulfur	34-1	-411.11	-414.50	-455.27	-426.96		ppb
Terbium	159-1				98		%
Thallium	203-1	0.98	0.97	1.02	0.99	2.22	ppb
Thallium	205-1	1.02	0.97	0.98	0.99	2.60	ppb
Tin	118-1	5.24	5.24	5.24	5.24	0.04	ppb
Titanium	47-1	5.28	5.30	5.47	5.35	2.01	ppb
Uranium	238-1	0.89	0.89	0.89	0.89	0.26	ppb
Vanadium	51-1	5.42	5.39	5.33	5.38	0.86	ppb
Yttrium	89-1				98		%
Zinc	66-1	3.20	3.22	3.25	3.22	0.79	ppb
Zirconium	90-1	0.99	0.95	0.91	0.95	4.13	ppb
Zirconium	91-1	0.96	0.88	0.97	0.94	5.05	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	L1134-04	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 17:18:21	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	810.42	811.10	805.62	809.05	0.37	ppb
Antimony	121-1	17.77	17.73	17.73	17.74	0.13	ppb
Arsenic	75-1	37.30	37.49	37.17	37.32	0.43	ppb
Barium	135-1	2231.67	2242.58	2228.02	2234.09	0.34	ppb
Barium	137-1	2236.61	2223.56	2233.23	2231.13	0.30	ppb
Beryllium	9-1	4.29	4.14	4.23	4.22	1.81	ppb
Bismuth	209-1				95		%
Boron	11-1	1450.03	1488.40	1509.69	1482.71	2.04	ppb
Boron	10-1	1456.91	1473.88	1517.43	1482.74	2.11	ppb
Bromine	81-1						cps
Cadmium	108-1	13.12	13.60	14.05	13.59	3.42	ppb
Cadmium	106-1	11.53	13.20	12.34	12.36	6.75	ppb
Cadmium	111-1	14.59	14.75	14.57	14.64	0.65	ppb
Calcium	43-1	-0.51	2.23	0.00	0.57	253.75	ppb
Calcium	44-1	2.13	2.11	2.28	2.18	4.20	ppb
Chromium	52-1	32.45	32.80	32.41	32.55	0.66	ppb
Cobalt	59-1	0.00	0.00	0.00	0.00	131.76	ppb
Copper	63-1	251.49	252.26	251.47	251.74	0.18	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				96		%
Indium	115-1				96		%
Iron	56-1	469.97	460.75	463.09	464.60	1.03	ppb
Iron	57-1	464.09	465.31	462.39	463.93	0.32	ppb
Krypton	83-1						cps
Lead	206-1	42.98	43.09	43.29	43.12	0.36	ppb
Lead	207-1	42.89	43.32	43.03	43.08	0.51	ppb
Lead	208-1	42.86	43.48	43.26	43.20	0.73	ppb
Lithium	6-1				93		%
Magnesium	24-1	0.37	0.42	0.43	0.41	8.59	ppb
Manganese	55-1	632.33	633.44	628.17	631.31	0.44	ppb
Molybdenum	95-1	69.21	69.68	69.96	69.62	0.55	ppb
Molybdenum	96-1	66.74	67.28	66.47	66.83	0.62	ppb
Molybdenum	97-1	69.89	70.09	70.12	70.03	0.18	ppb
Molybdenum	98-1	69.99	69.88	69.35	69.74	0.49	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	L1134-04	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 17:18:21	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	48.32	48.59	48.47	48.46	0.28	ppb
Neodymium	150-1						cps
Nickel	60-1	419.35	421.15	416.80	419.10	0.52	ppb
Phosphorus	31-1	-26.29	-25.84	-26.34	-26.16		ppb
Potassium	39-1	8.63	6.23	8.43	7.76	17.12	ppb
Rhodium	103-1				95		%
Scandium	45-1				95		%
Selenium	77-1	86.34	85.21	86.61	86.05	0.86	ppb
Selenium	78-1	90.80	88.93	92.41	90.71	1.92	ppb
Selenium	82-1	85.21	85.90	85.00	85.37	0.55	ppb
Silicon	28-1	49.18	49.39	49.25	49.27	0.22	ppb
Silver	109-1	238.34	240.21	239.08	239.21	0.39	ppb
Silver	107-1	238.64	240.01	238.63	239.09	0.33	ppb
Sodium	23-1	38.09	37.95	38.39	38.14	0.59	ppb
Strontium	88-1	0.03	0.03	0.03	0.03	7.58	ppb
Strontium	86-1	0.01	-0.01	-0.01	0.00		ppb
Sulfur	34-1	-238.78	-360.54	-320.58	-306.63		ppb
Terbium	159-1				96		%
Thallium	203-1	7.90	7.79	7.87	7.85	0.73	ppb
Thallium	205-1	7.83	7.91	7.90	7.88	0.50	ppb
Tin	118-1	0.02	0.02	0.02	0.02	17.55	ppb
Titanium	47-1	0.04	0.05	0.07	0.06	29.05	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-1	356.33	358.11	353.18	355.87	0.70	ppb
Yttrium	89-1				96		%
Zinc	66-1	1750.89	1751.48	1734.57	1745.65	0.55	ppb
Zirconium	90-1	0.05	0.06	0.07	0.06	12.69	ppb
Zirconium	91-1	0.10	0.09	0.10	0.10	6.78	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	L1134-04RE	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 17:21:15	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	798.64	802.38	796.36	799.13	0.38	ppb
Antimony	121-1	17.77	17.77	17.92	17.82	0.50	ppb
Arsenic	75-1	36.41	36.51	35.90	36.27	0.90	ppb
Barium	135-1	2190.49	2193.91	2204.24	2196.21	0.33	ppb
Barium	137-1	2196.44	2172.48	2220.16	2196.36	1.09	ppb
Beryllium	9-1	4.34	4.42	4.51	4.42	1.85	ppb
Bismuth	209-1				97		%
Boron	11-1	1427.98	1497.24	1508.96	1478.06	2.96	ppb
Boron	10-1	1428.97	1479.57	1501.40	1469.98	2.53	ppb
Bromine	81-1						cps
Cadmium	108-1	13.39	13.33	13.43	13.38	0.39	ppb
Cadmium	106-1	11.97	11.52	12.23	11.91	3.03	ppb
Cadmium	111-1	14.38	14.36	14.64	14.46	1.08	ppb
Calcium	43-1	4.38	5.12	2.28	3.93	37.58	ppb
Calcium	44-1	4.50	5.26	5.22	4.99	8.51	ppb
Chromium	52-1	32.15	32.21	32.11	32.15	0.16	ppb
Cobalt	59-1	0.00	0.00	0.00	0.00	51.13	ppb
Copper	63-1	249.81	250.58	249.43	249.94	0.23	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				98		%
Indium	115-1				97		%
Iron	56-1	457.74	461.97	452.23	457.32	1.07	ppb
Iron	57-1	457.55	465.44	458.22	460.40	0.95	ppb
Krypton	83-1						cps
Lead	206-1	42.89	42.70	42.69	42.76	0.27	ppb
Lead	207-1	42.35	42.02	42.57	42.31	0.65	ppb
Lead	208-1	42.72	42.48	42.62	42.61	0.29	ppb
Lithium	6-1				93		%
Magnesium	24-1	0.63	0.82	0.88	0.78	16.66	ppb
Manganese	55-1	622.34	620.22	621.80	621.45	0.18	ppb
Molybdenum	95-1	68.97	68.73	68.08	68.59	0.67	ppb
Molybdenum	96-1	66.13	65.89	65.88	65.96	0.21	ppb
Molybdenum	97-1	68.96	69.15	67.93	68.68	0.96	ppb
Molybdenum	98-1	68.88	69.07	67.90	68.61	0.92	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	L1134-04RE	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 17:21:15	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	47.84	48.03	47.35	47.74	0.73	ppb
Neodymium	150-1						cps
Nickel	60-1	414.41	416.10	415.21	415.24	0.20	ppb
Phosphorus	31-1	-25.23	-24.95	-25.36	-25.18		ppb
Potassium	39-1	5.84	8.72	4.60	6.39	33.13	ppb
Rhodium	103-1				97		%
Scandium	45-1				95		%
Selenium	77-1	84.10	84.10	83.27	83.82	0.58	ppb
Selenium	78-1	89.63	88.63	87.65	88.64	1.12	ppb
Selenium	82-1	84.02	84.78	84.56	84.45	0.46	ppb
Silicon	28-1	41.65	42.87	42.68	42.40	1.55	ppb
Silver	109-1	236.84	234.19	237.12	236.05	0.69	ppb
Silver	107-1	235.80	234.91	236.98	235.90	0.44	ppb
Sodium	23-1	35.48	35.98	35.02	35.49	1.36	ppb
Strontium	88-1	0.04	0.03	0.03	0.03	5.20	ppb
Strontium	86-1	-0.01	0.02	0.01	0.01	139.99	ppb
Sulfur	34-1	-468.15	-314.04	-516.80	-433.00		ppb
Terbium	159-1				97		%
Thallium	203-1	7.67	7.73	7.63	7.68	0.67	ppb
Thallium	205-1	7.88	7.85	7.75	7.82	0.88	ppb
Tin	118-1	0.01	0.01	0.02	0.01	28.28	ppb
Titanium	47-1	0.04	0.07	0.02	0.04	62.25	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	253.24	ppb
Vanadium	51-1	351.42	349.80	349.08	350.10	0.34	ppb
Yttrium	89-1				98		%
Zinc	66-1	1711.09	1733.36	1710.21	1718.22	0.76	ppb
Zirconium	90-1	0.05	0.04	0.05	0.05	7.53	ppb
Zirconium	91-1	0.07	0.07	0.08	0.07	9.01	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	PB126564BL	Instrumnet Name :	P7
Client Sample ID :	PB126564BL	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 17:26:25	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.08	0.06	0.06	0.07	18.08	ppb
Antimony	121-1	0.04	0.06	0.07	0.06	24.93	ppb
Arsenic	75-1	-0.01	-0.02	-0.01	-0.01		ppb
Barium	135-1	0.04	0.04	0.02	0.03	32.07	ppb
Barium	137-1	0.06	0.04	0.05	0.05	20.49	ppb
Beryllium	9-1	0.00	0.00	-0.01	0.00		ppb
Bismuth	209-1				97		%
Boron	11-1	22.51	21.05	19.72	21.09	6.60	ppb
Boron	10-1	21.63	20.67	20.32	20.87	3.25	ppb
Bromine	81-1						cps
Cadmium	108-1	0.05	0.03	-0.03	0.02	270.08	ppb
Cadmium	106-1	0.75	-0.26	0.20	0.23	220.92	ppb
Cadmium	111-1	0.06	-0.02	0.02	0.02	220.90	ppb
Calcium	43-1	0.33	-1.11	-0.76	-0.51		ppb
Calcium	44-1	0.43	0.71	-0.43	0.24	249.13	ppb
Chromium	52-1	0.01	0.12	0.04	0.06	97.25	ppb
Cobalt	59-1	-0.01	0.00	0.00	0.00		ppb
Copper	63-1	0.32	0.46	0.37	0.38	17.74	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				98		%
Indium	115-1				98		%
Iron	56-1	2.61	29.89	12.28	14.92	92.69	ppb
Iron	57-1	-3.83	2.20	-1.84	-1.16		ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.01	0.00	352.30	ppb
Lead	207-1	0.01	0.00	0.01	0.00	120.99	ppb
Lead	208-1	0.00	0.00	0.00	0.00		ppb
Lithium	6-1				92		%
Magnesium	24-1	0.08	0.04	0.01	0.05	78.82	ppb
Manganese	55-1	0.02	0.03	0.02	0.02	14.35	ppb
Molybdenum	95-1	0.02	0.04	0.03	0.03	30.43	ppb
Molybdenum	96-1	0.02	0.02	0.03	0.02	27.90	ppb
Molybdenum	97-1	0.02	0.02	0.01	0.02	43.56	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	5.41	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	PB126564BL	Instrumnet Name :	P7
Client Sample ID :	PB126564BL	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 17:26:25	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.04	0.04	0.03	95.20	ppb
Neodymium	150-1						cps
Nickel	60-1	0.01	0.00	0.01	0.01	67.58	ppb
Phosphorus	31-1	-28.09	-26.53	-28.10	-27.58		ppb
Potassium	39-1	-3.86	10.35	0.58	2.36	308.19	ppb
Rhodium	103-1				97		%
Scandium	45-1				96		%
Selenium	77-1	0.11	0.00	0.14	0.08	89.99	ppb
Selenium	78-1	1.48	8.74	4.48	4.90	74.48	ppb
Selenium	82-1	0.12	-0.02	-0.17	-0.02		ppb
Silicon	28-1	-1.62	0.64	-0.74	-0.57		ppb
Silver	109-1	0.01	0.01	0.01	0.01	14.33	ppb
Silver	107-1	0.01	0.01	0.01	0.01	12.26	ppb
Sodium	23-1	14.81	18.69	16.32	16.61	11.78	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	105.28	ppb
Strontium	86-1	-0.01	0.00	0.00	0.00		ppb
Sulfur	34-1	-615.89	-169.11	-479.28	-421.43		ppb
Terbium	159-1				97		%
Thallium	203-1	0.02	0.02	0.01	0.02	11.99	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	6.90	ppb
Tin	118-1	0.00	0.00	0.00	0.00	242.95	ppb
Titanium	47-1	0.01	0.01	-0.02	0.00	868.36	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-1	0.01	0.01	0.01	0.01	17.13	ppb
Yttrium	89-1				97		%
Zinc	66-1	0.03	0.07	0.03	0.04	57.09	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	22.01	ppb
Zirconium	91-1	0.02	0.01	0.03	0.02	71.02	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	PB126564BS	Instrumnet Name :	P7
Client Sample ID :	PB126564BS	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 17:29:19	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	10087.65	10146.12	9988.16	10073.97	0.79	ppb
Antimony	121-1	507.51	507.31	502.50	505.77	0.56	ppb
Arsenic	75-1	516.54	513.82	507.71	512.69	0.88	ppb
Barium	135-1	2533.22	2543.12	2517.66	2531.33	0.51	ppb
Barium	137-1	2540.84	2538.07	2531.18	2536.69	0.20	ppb
Beryllium	9-1	524.70	527.79	522.79	525.10	0.48	ppb
Bismuth	209-1				95		%
Boron	11-1	517.13	520.25	527.58	521.66	1.03	ppb
Boron	10-1	517.61	521.23	523.03	520.62	0.53	ppb
Bromine	81-1						cps
Cadmium	108-1	491.69	496.10	485.16	490.98	1.12	ppb
Cadmium	106-1	498.73	492.52	490.24	493.83	0.89	ppb
Cadmium	111-1	477.09	484.64	480.35	480.69	0.79	ppb
Calcium	43-1	51864.61	51066.96	51269.21	51400.26	0.81	ppb
Calcium	44-1	50825.44	50474.10	50502.02	50600.52	0.39	ppb
Chromium	52-1	508.18	504.51	499.98	504.23	0.81	ppb
Cobalt	59-1	508.20	509.34	514.46	510.67	0.65	ppb
Copper	63-1	949.37	949.49	941.88	946.92	0.46	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				101		%
Indium	115-1				96		%
Iron	56-1	25281.84	25374.47	25267.87	25308.06	0.23	ppb
Iron	57-1	25887.06	25811.36	25742.31	25813.58	0.28	ppb
Krypton	83-1						cps
Lead	206-1	494.01	496.19	497.22	495.81	0.33	ppb
Lead	207-1	494.28	490.32	494.38	493.00	0.47	ppb
Lead	208-1	495.87	494.84	497.51	496.07	0.27	ppb
Lithium	6-1				90		%
Magnesium	24-1	49493.44	49218.14	48978.27	49229.95	0.52	ppb
Manganese	55-1	1005.84	1000.20	1000.65	1002.23	0.31	ppb
Molybdenum	95-1	2476.63	2491.09	2503.75	2490.49	0.54	ppb
Molybdenum	96-1	2478.67	2480.89	2496.05	2485.20	0.38	ppb
Molybdenum	97-1	2478.07	2488.19	2489.41	2485.22	0.25	ppb
Molybdenum	98-1	2488.15	2499.87	2470.77	2486.26	0.59	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	PB126564BS	Instrumnet Name :	P7
Client Sample ID :	PB126564BS	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 17:29:19	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2473.54	2497.55	2488.29	2486.46	0.49	ppb
Neodymium	150-1						cps
Nickel	60-1	513.69	512.01	510.69	512.13	0.29	ppb
Phosphorus	31-1	10274.75	10160.68	10159.02	10198.15	0.65	ppb
Potassium	39-1	25500.91	25520.05	25355.95	25458.97	0.35	ppb
Rhodium	103-1				93		%
Scandium	45-1				95		%
Selenium	77-1	524.62	516.63	521.45	520.90	0.77	ppb
Selenium	78-1	524.53	522.38	530.13	525.68	0.76	ppb
Selenium	82-1	515.81	519.03	517.87	517.57	0.31	ppb
Silicon	28-1	483.05	489.07	492.38	488.17	0.97	ppb
Silver	109-1	503.60	508.80	503.41	505.27	0.60	ppb
Silver	107-1	506.64	509.56	507.79	508.00	0.29	ppb
Sodium	23-1	50964.84	50512.58	50644.23	50707.22	0.46	ppb
Strontium	88-1	497.12	500.02	497.34	498.16	0.32	ppb
Strontium	86-1	501.08	504.91	501.32	502.44	0.43	ppb
Sulfur	34-1	10578.33	10433.55	10124.35	10378.74	2.23	ppb
Terbium	159-1				100		%
Thallium	203-1	499.32	506.17	500.92	502.14	0.71	ppb
Thallium	205-1	495.71	505.89	497.99	499.86	1.07	ppb
Tin	118-1	503.89	506.51	502.11	504.17	0.44	ppb
Titanium	47-1	2505.65	2507.57	2478.26	2497.16	0.66	ppb
Uranium	238-1	488.21	495.09	490.17	491.16	0.72	ppb
Vanadium	51-1	503.15	504.60	501.09	502.95	0.35	ppb
Yttrium	89-1				99		%
Zinc	66-1	994.00	996.65	992.86	994.50	0.20	ppb
Zirconium	90-1	494.74	495.97	497.69	496.13	0.30	ppb
Zirconium	91-1	495.65	498.67	494.82	496.38	0.41	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 17:32:17	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	52594.30	53037.83	52593.84	52741.99	0.49	ppb
Antimony	121-1	482.77	490.24	483.93	485.65	0.83	ppb
Arsenic	75-1	487.39	489.23	490.51	489.04	0.32	ppb
Barium	135-1	2463.60	2490.90	2471.63	2475.38	0.57	ppb
Barium	137-1	2482.76	2521.55	2476.49	2493.60	0.98	ppb
Beryllium	9-1	513.67	511.60	513.94	513.07	0.25	ppb
Bismuth	209-1				85		%
Boron	11-1	500.42	505.60	505.69	503.90	0.60	ppb
Boron	10-1	496.60	507.73	511.59	505.31	1.54	ppb
Bromine	81-1						cps
Cadmium	108-1	483.19	478.89	475.89	479.32	0.77	ppb
Cadmium	106-1	486.38	488.14	482.88	485.80	0.55	ppb
Cadmium	111-1	474.10	477.05	467.92	473.03	0.98	ppb
Calcium	43-1	239281.72	243002.14	241999.16	241427.67	0.80	ppb
Calcium	44-1	239752.15	243061.64	241701.95	241505.25	0.69	ppb
Chromium	52-1	497.45	503.87	498.13	499.82	0.71	ppb
Cobalt	59-1	484.36	490.11	491.27	488.58	0.76	ppb
Copper	63-1	968.69	986.95	984.38	980.01	1.01	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				97		%
Indium	115-1				92		%
Iron	56-1	118985.19	119991.96	120187.63	119721.59	0.54	ppb
Iron	57-1	119937.51	120844.77	120782.95	120521.74	0.42	ppb
Krypton	83-1						cps
Lead	206-1	505.12	508.70	509.92	507.91	0.49	ppb
Lead	207-1	505.56	508.11	498.52	504.06	0.98	ppb
Lead	208-1	508.68	509.82	505.26	507.92	0.47	ppb
Lithium	6-1				85		%
Magnesium	24-1	241060.22	241861.22	241577.26	241499.57	0.17	ppb
Manganese	55-1	971.15	974.56	970.77	972.16	0.21	ppb
Molybdenum	95-1	2485.01	2457.59	2486.75	2476.45	0.66	ppb
Molybdenum	96-1	2473.15	2457.45	2480.63	2470.41	0.48	ppb
Molybdenum	97-1	2465.52	2450.70	2480.40	2465.54	0.60	ppb
Molybdenum	98-1	2476.94	2467.58	2478.79	2474.44	0.24	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 17:32:17	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2449.75	2443.08	2468.86	2453.90	0.55	ppb
Neodymium	150-1						cps
Nickel	60-1	483.64	480.93	483.18	482.59	0.30	ppb
Phosphorus	31-1	9798.77	9861.12	9832.32	9830.74	0.32	ppb
Potassium	39-1	124313.62	125355.56	124932.35	124867.18	0.42	ppb
Rhodium	103-1				85		%
Scandium	45-1				92		%
Selenium	77-1	501.66	500.45	503.02	501.71	0.26	ppb
Selenium	78-1	508.01	502.49	510.75	507.08	0.83	ppb
Selenium	82-1	500.25	496.07	497.88	498.07	0.42	ppb
Silicon	28-1	482.01	495.21	495.90	491.04	1.59	ppb
Silver	109-1	479.10	483.39	480.08	480.86	0.47	ppb
Silver	107-1	478.69	484.51	484.42	482.54	0.69	ppb
Sodium	23-1	242938.93	243475.92	241577.48	242664.11	0.40	ppb
Strontium	88-1	489.99	488.86	491.37	490.07	0.26	ppb
Strontium	86-1	492.62	486.06	489.70	489.46	0.67	ppb
Sulfur	34-1	10022.48	9877.10	9881.19	9926.92	0.83	ppb
Terbium	159-1				96		%
Thallium	203-1	511.46	515.48	512.08	513.01	0.42	ppb
Thallium	205-1	508.81	512.97	511.45	511.08	0.41	ppb
Tin	118-1	484.32	489.92	483.74	485.99	0.70	ppb
Titanium	47-1	2472.99	2476.42	2483.09	2477.50	0.21	ppb
Uranium	238-1	520.26	523.81	519.60	521.22	0.43	ppb
Vanadium	51-1	495.12	502.22	496.76	498.03	0.75	ppb
Yttrium	89-1				95		%
Zinc	66-1	964.03	973.99	963.03	967.02	0.63	ppb
Zirconium	90-1	478.60	485.42	480.87	481.63	0.72	ppb
Zirconium	91-1	476.08	476.72	476.09	476.30	0.08	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 17:35:17	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	2.22	2.18	2.20	2.20	0.98	ppb
Antimony	121-1	0.63	0.74	0.89	0.75	17.46	ppb
Arsenic	75-1	0.03	0.02	0.03	0.03	17.09	ppb
Barium	135-1	0.08	0.10	0.11	0.10	13.95	ppb
Barium	137-1	0.11	0.12	0.09	0.10	10.46	ppb
Beryllium	9-1	0.07	0.06	0.06	0.06	15.29	ppb
Bismuth	209-1				96		%
Boron	11-1	20.44	19.51	18.43	19.46	5.16	ppb
Boron	10-1	19.99	19.00	18.46	19.15	4.07	ppb
Bromine	81-1						cps
Cadmium	108-1	0.00	0.07	0.08	0.05	83.09	ppb
Cadmium	106-1	0.41	1.03	-0.03	0.47	113.24	ppb
Cadmium	111-1	0.06	0.11	0.02	0.07	65.70	ppb
Calcium	43-1	11.63	7.80	8.96	9.46	20.75	ppb
Calcium	44-1	12.50	12.34	12.54	12.46	0.84	ppb
Chromium	52-1	0.13	0.10	0.13	0.12	15.89	ppb
Cobalt	59-1	0.01	0.01	0.02	0.02	3.77	ppb
Copper	63-1	0.88	0.76	0.69	0.78	12.78	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				97		%
Indium	115-1				96		%
Iron	56-1	28.12	18.93	19.90	22.31	22.63	ppb
Iron	57-1	6.12	3.59	5.93	5.21	27.08	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.07	0.06	0.07	6.46	ppb
Lead	207-1	0.08	0.07	0.07	0.07	10.41	ppb
Lead	208-1	0.08	0.07	0.07	0.07	10.19	ppb
Lithium	6-1				89		%
Magnesium	24-1	9.46	9.26	9.19	9.30	1.51	ppb
Manganese	55-1	0.10	0.09	0.09	0.09	3.57	ppb
Molybdenum	95-1	0.48	0.48	0.55	0.50	7.74	ppb
Molybdenum	96-1	0.48	0.48	0.53	0.50	6.06	ppb
Molybdenum	97-1	0.54	0.49	0.52	0.52	4.75	ppb
Molybdenum	98-1	0.46	0.50	0.55	0.50	9.44	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 17:35:17	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.43	0.50	0.53	0.49	11.46	ppb
Neodymium	150-1						cps
Nickel	60-1	0.03	0.03	0.02	0.02	30.08	ppb
Phosphorus	31-1	-23.56	-23.41	-23.69	-23.55		ppb
Potassium	39-1	26.32	22.26	22.62	23.73	9.47	ppb
Rhodium	103-1				95		%
Scandium	45-1				92		%
Selenium	77-1	0.10	0.16	0.53	0.27	88.05	ppb
Selenium	78-1	3.70	3.45	3.91	3.69	6.19	ppb
Selenium	82-1	-0.22	0.10	0.20	0.03	809.18	ppb
Silicon	28-1	3.32	2.35	2.04	2.57	25.91	ppb
Silver	109-1	0.03	0.02	0.02	0.02	9.61	ppb
Silver	107-1	0.03	0.03	0.03	0.03	6.23	ppb
Sodium	23-1	56.22	51.60	48.52	52.12	7.44	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	4.27	ppb
Strontium	86-1	-0.01	0.03	-0.01	0.00	925.46	ppb
Sulfur	34-1	-282.21	-382.01	-286.55	-316.92		ppb
Terbium	159-1				96		%
Thallium	203-1	0.05	0.05	0.05	0.05	3.81	ppb
Thallium	205-1	0.04	0.04	0.05	0.04	7.48	ppb
Tin	118-1	0.27	0.28	0.33	0.29	12.36	ppb
Titanium	47-1	0.18	0.20	0.16	0.18	12.56	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	9.23	ppb
Vanadium	51-1	0.02	0.02	0.02	0.02	3.43	ppb
Yttrium	89-1				95		%
Zinc	66-1	0.11	0.16	0.12	0.13	21.00	ppb
Zirconium	90-1	0.08	0.08	0.11	0.09	22.10	ppb
Zirconium	91-1	0.09	0.10	0.10	0.10	4.91	ppb

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:07:43	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	5901	5221	6041	5721	7.67	cps
Antimony	121-1	217	325	317	286	21.07	cps
Arsenic	75-1	140	173	140	151	12.74	cps
Barium	135-1	50	50	58	53	9.12	cps
Barium	137-1	42	67	75	61	28.38	cps
Beryllium	9-1	106	83	83	91	14.14	cps
Bismuth	209-1	17332305	17905946	17206055	17481435	2.13	cps
Boron	11-1	2059	1875	2025	1986	4.92	cps
Boron	10-1	367	425	383	392	7.67	cps
Bromine	81-1						cps
Cadmium	108-1	33	13	29	25	44.09	cps
Cadmium	106-1	12956	12648	12322	12642	2.51	cps
Cadmium	111-1	9067	8874	8655	8865	2.32	cps
Calcium	43-1	383	325	358	356	8.23	cps
Calcium	44-1	17938	18523	18489	18317	1.79	cps
Chromium	52-1	50458	49837	49660	49985	0.84	cps
Cobalt	59-1	776	729	776	760	3.62	cps
Copper	63-1	20400	20372	20419	20397	0.12	cps
Dysprosium	156-1	25	67	67	53	45.58	cps
Erbium	164-1	83	108	158	117	32.73	cps
Gadolinium	160-1	208	167	233	203	16.61	cps
Holmium	165-1	27275886	27771590	27089426	27378967	1.29	cps
Indium	115-1	22351364	22736176	22274553	22454031	1.10	cps
Iron	56-1	12062351	12204102	12169080	12145178	0.61	cps
Iron	57-1	63317	64197	63991	63835	0.72	cps
Krypton	83-1	647	673	687	669	3.05	cps
Lead	206-1	1139	1189	1122	1150	3.02	cps
Lead	207-1	989	1161	939	1030	11.32	cps
Lead	208-1	4523	4450	4162	4378	4.37	cps
Lithium	6-1	4671253	4740155	4665959	4692455	0.88	cps
Magnesium	24-1	15561	17034	16810	16468	4.82	cps
Manganese	55-1	8121	7969	7874	7988	1.56	cps
Molybdenum	95-1	117	117	158	131	18.43	cps
Molybdenum	96-1	333	325	292	317	6.96	cps
Molybdenum	97-1	100	142	108	117	18.89	cps
Molybdenum	98-1	275	208	275	253	15.23	cps

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:07:43	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	542	550	617	569	7.22	cps
Neodymium	150-1	8	8	0	6	86.60	cps
Nickel	60-1	271	295	252	273	7.87	cps
Phosphorus	31-1	32846	33925	33042	33271	1.73	cps
Potassium	39-1	5798562	5853121	5865557	5839080	0.61	cps
Rhodium	103-1	20535077	20613449	20298358	20482295	0.80	cps
Scandium	45-1	14504079	14816376	14364544	14561666	1.59	cps
Selenium	77-1	362	424	400	395	7.90	cps
Selenium	78-1	95604	94674	95365	95214	0.51	cps
Selenium	82-1	47	-10	23	20	144.57	cps
Silicon	28-1	337039	335221	334093	335451	0.44	cps
Silver	109-1	67	83	58	69	18.33	cps
Silver	107-1	200	200	208	203	2.37	cps
Sodium	23-1	885083	888864	898114	890687	0.75	cps
Strontium	88-1	75	67	142	94	43.53	cps
Strontium	86-1	1158	983	1158	1100	9.19	cps
Sulfur	34-1	673098	685212	686643	681651	1.09	cps
Terbium	159-1	28197046	28910109	28183497	28430217	1.46	cps
Thallium	203-1	500	533	492	508	4.34	cps
Thallium	205-1	1108	1183	1142	1145	3.28	cps
Tin	118-1	1358	1467	1383	1403	4.04	cps
Titanium	47-1	200	208	258	222	14.20	cps
Uranium	238-1	1617	1842	1609	1689	7.84	cps
Vanadium	51-1	233	178	389	267	41.04	cps
Yttrium	89-1	31181699	31767047	31043924	31330890	1.23	cps
Zinc	66-1	1700	1822	1956	1826	7.00	cps
Zirconium	90-1	1350	1525	1533	1470	7.05	cps
Zirconium	91-1	250	258	358	289	20.87	cps

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:10:46	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	360149	365330	364389	363289	0.76	cps
Antimony	121-1	33633	33449	34034	33705	0.89	cps
Arsenic	75-1	4321	4561	4648	4510	3.75	cps
Barium	135-1	44506	45351	44564	44807	1.05	cps
Barium	137-1	80047	80643	79009	79900	1.04	cps
Beryllium	9-1	3156	3417	2961	3178	7.19	cps
Bismuth	209-1	16981283	17030274	17235057	17082205	0.79	cps
Boron	11-1	61912	63108	61452	62157	1.38	cps
Boron	10-1	13064	12981	12739	12928	1.31	cps
Bromine	81-1						cps
Cadmium	108-1	442	421	433	432	2.43	cps
Cadmium	106-1	12931	13465	13257	13218	2.03	cps
Cadmium	111-1	13752	14074	13827	13884	1.21	cps
Calcium	43-1	30591	30800	31159	30850	0.93	cps
Calcium	44-1	518535	515591	512492	515539	0.59	cps
Chromium	52-1	115199	116230	115362	115597	0.48	cps
Cobalt	59-1	36914	35367	36374	36218	2.17	cps
Copper	63-1	57255	57728	56987	57323	0.65	cps
Dysprosium	156-1	50	17	42	36	48.03	cps
Erbium	164-1	183	100	158	147	29.05	cps
Gadolinium	160-1	275	133	200	203	34.95	cps
Holmium	165-1	26898926	26736215	27276543	26970561	1.03	cps
Indium	115-1	22056734	21919797	22430799	22135777	1.19	cps
Iron	56-1	13991592	13996461	14001697	13996583	0.04	cps
Iron	57-1	116453	117331	115397	116394	0.83	cps
Krypton	83-1	653	623	707	661	6.38	cps
Lead	206-1	15331	15076	15854	15420	2.57	cps
Lead	207-1	13357	13591	13190	13379	1.50	cps
Lead	208-1	61452	61557	60866	61292	0.61	cps
Lithium	6-1	4661300	4642469	4651764	4651844	0.20	cps
Magnesium	24-1	9171284	9294823	9215259	9227122	0.68	cps
Manganese	55-1	57331	57852	56863	57349	0.86	cps
Molybdenum	95-1	48241	49327	48651	48740	1.13	cps
Molybdenum	96-1	53727	53703	53167	53532	0.59	cps
Molybdenum	97-1	30968	30400	30375	30581	1.10	cps
Molybdenum	98-1	77176	78551	76674	77467	1.25	cps

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:10:46	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	36840	37258	35779	36626	2.08	cps
Neodymium	150-1	8	25	8	14	69.31	cps
Nickel	60-1	9151	9365	8998	9171	2.01	cps
Phosphorus	31-1	95145	96136	96533	95938	0.75	cps
Potassium	39-1	21964068	22076380	22012423	22017624	0.26	cps
Rhodium	103-1	20278517	20345965	20373023	20332502	0.24	cps
Scandium	45-1	14530841	14458787	14609696	14533108	0.52	cps
Selenium	77-1	1972	1843	1943	1919	3.52	cps
Selenium	78-1	101539	101717	103107	102121	0.84	cps
Selenium	82-1	2200	2207	2122	2176	2.16	cps
Silicon	28-1	459469	461099	459096	459888	0.23	cps
Silver	109-1	23028	23353	23537	23306	1.11	cps
Silver	107-1	24539	23620	24163	24107	1.91	cps
Sodium	23-1	14126577	14364386	14216713	14235892	0.84	cps
Strontium	88-1	55023	54881	54412	54772	0.58	cps
Strontium	86-1	7427	7194	7519	7380	2.27	cps
Sulfur	34-1	695851	696837	693957	695548	0.21	cps
Terbium	159-1	27803835	27639661	27876280	27773259	0.44	cps
Thallium	203-1	17829	17112	18030	17657	2.73	cps
Thallium	205-1	42126	42854	42946	42642	1.05	cps
Tin	118-1	78033	80933	79274	79413	1.83	cps
Titanium	47-1	14099	14358	14341	14266	1.01	cps
Uranium	238-1	59963	58843	59304	59370	0.95	cps
Vanadium	51-1	192067	195446	196141	194552	1.12	cps
Yttrium	89-1	31241815	30806930	31471670	31173472	1.08	cps
Zinc	66-1	11905	12261	13151	12439	5.16	cps
Zirconium	90-1	27369	26701	25749	26606	3.06	cps
Zirconium	91-1	5902	5718	5918	5846	1.90	cps

LB Number : LB107627 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-06 16:14:21 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	23203650	22931508	22752302	22962487	0.99	cps
Antimony	121-1	868263	868370	857320	864651	0.73	cps
Arsenic	75-1	209428	208914	210543	209628	0.40	cps
Barium	135-1	1172151	1161228	1154297	1162559	0.77	cps
Barium	137-1	2054409	2051123	2018345	2041292	0.98	cps
Beryllium	9-1	158111	156169	153877	156052	1.36	cps
Bismuth	209-1	17646511	17420985	17709028	17592175	0.86	cps
Boron	11-1	122798	124470	122235	123168	0.94	cps
Boron	10-1	25731	25247	26349	25775	2.14	cps
Bromine	81-1						cps
Cadmium	108-1	20173	20824	20006	20334	2.13	cps
Cadmium	106-1	43301	42147	43117	42855	1.45	cps
Cadmium	111-1	268409	263069	268143	266540	1.13	cps
Calcium	43-1	311200	308300	306478	308659	0.77	cps
Calcium	44-1	4933169	5011014	4897914	4947366	1.17	cps
Chromium	52-1	1679381	1672132	1677640	1676385	0.23	cps
Cobalt	59-1	1837719	1822361	1823835	1827972	0.46	cps
Copper	63-1	1833112	1818983	1820118	1824071	0.43	cps
Dysprosium	156-1	42	125	75	81	52.07	cps
Erbium	164-1	117	133	67	106	32.87	cps
Gadolinium	160-1	242	217	283	247	13.62	cps
Holmium	165-1	28304328	27986574	28215577	28168826	0.58	cps
Indium	115-1	23010077	22803747	22963995	22925940	0.47	cps
Iron	56-1	99186590	98530342	98324547	98680493	0.46	cps
Iron	57-1	2431563	2425663	2422984	2426737	0.18	cps
Krypton	83-1	673	593	617	628	6.55	cps
Lead	206-1	733750	732224	735722	733899	0.24	cps
Lead	207-1	652953	648768	646631	649451	0.50	cps
Lead	208-1	2952310	2935642	2953055	2947002	0.33	cps
Lithium	6-1	4806673	4749811	4728675	4761719	0.85	cps
Magnesium	24-1	91617995	90929007	89736238	90761080	1.05	cps
Manganese	55-1	4721992	4692248	4690477	4701572	0.38	cps
Molybdenum	95-1	2376124	2365349	2360150	2367208	0.34	cps
Molybdenum	96-1	2643742	2611094	2632249	2629028	0.63	cps
Molybdenum	97-1	1496669	1464139	1477775	1479528	1.10	cps
Molybdenum	98-1	3827106	3761537	3759734	3782792	1.01	cps

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:14:21	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1918873	1925730	1918589	1921064	0.21	cps
Neodymium	150-1	167	200	200	189	10.19	cps
Nickel	60-1	393778	390326	390159	391421	0.52	cps
Phosphorus	31-1	1231419	1246218	1246824	1241487	0.70	cps
Potassium	39-1	87555324	86768752	86931063	87085046	0.48	cps
Rhodium	103-1	20884041	20653612	20719616	20752423	0.57	cps
Scandium	45-1	14958984	14961261	15021405	14980550	0.24	cps
Selenium	77-1	15904	16138	15966	16003	0.76	cps
Selenium	78-1	145350	144576	145177	145034	0.28	cps
Selenium	82-1	20106	19686	20076	19956	1.17	cps
Silicon	28-1	1023916	1031534	1040314	1031921	0.80	cps
Silver	109-1	1159737	1152868	1143965	1152190	0.69	cps
Silver	107-1	1198210	1205746	1194342	1199433	0.48	cps
Sodium	23-1	133836599	133712136	132814720	133454485	0.42	cps
Strontium	88-1	2841146	2815832	2832795	2829924	0.46	cps
Strontium	86-1	331439	324314	331500	329084	1.26	cps
Sulfur	34-1	804501	807237	813896	808545	0.60	cps
Terbium	159-1	29276642	28790459	29385329	29150810	1.09	cps
Thallium	203-1	896728	876363	895890	889660	1.30	cps
Thallium	205-1	2163235	2151216	2152675	2155709	0.30	cps
Tin	118-1	795221	789863	775222	786769	1.32	cps
Titanium	47-1	686016	684541	683096	684551	0.21	cps
Uranium	238-1	3085460	3059074	3051880	3065471	0.58	cps
Vanadium	51-1	1862043	1856646	1857195	1858628	0.16	cps
Yttrium	89-1	32309316	32180067	32285742	32258375	0.21	cps
Zinc	66-1	465896	461781	463198	463625	0.45	cps
Zirconium	90-1	1584513	1577660	1567103	1576425	0.56	cps
Zirconium	91-1	350117	354112	346682	350304	1.06	cps

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:17:24	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	55841379	56104643	54349222	55431748	1.71	cps
Antimony	121-1	2184583	2188720	2125006	2166103	1.65	cps
Arsenic	75-1	515821	519584	500351	511919	1.99	cps
Barium	135-1	2879588	2902272	2812553	2864804	1.63	cps
Barium	137-1	5049475	5119579	4927365	5032140	1.93	cps
Beryllium	9-1	382656	377422	370568	376882	1.61	cps
Bismuth	209-1	16772080	17362683	16818213	16984325	1.93	cps
Boron	11-1	290845	294474	286221	290513	1.42	cps
Boron	10-1	60615	61007	59953	60525	0.88	cps
Bromine	81-1						cps
Cadmium	108-1	49612	50582	49060	49751	1.55	cps
Cadmium	106-1	86791	87203	84746	86246	1.53	cps
Cadmium	111-1	640968	643434	633711	639371	0.79	cps
Calcium	43-1	755049	758141	729990	747727	2.06	cps
Calcium	44-1	11896846	11860125	11537286	11764753	1.68	cps
Chromium	52-1	4039559	4039183	3906785	3995176	1.92	cps
Cobalt	59-1	4416312	4456855	4280575	4384581	2.11	cps
Copper	63-1	4402387	4347674	4281304	4343788	1.40	cps
Dysprosium	156-1	92	92	125	103	18.73	cps
Erbium	164-1	150	225	117	164	33.86	cps
Gadolinium	160-1	142	250	267	219	30.93	cps
Holmium	165-1	27748492	27657642	27187416	27531184	1.09	cps
Indium	115-1	21872705	22163709	21800579	21945664	0.88	cps
Iron	56-1	222760451	223171575	217282999	221071675	1.49	cps
Iron	57-1	5815990	5814179	5622035	5750735	1.94	cps
Krypton	83-1	727	730	637	698	7.59	cps
Lead	206-1	1819037	1835638	1790092	1814922	1.27	cps
Lead	207-1	1611529	1630953	1587236	1609906	1.36	cps
Lead	208-1	7313433	7438190	7205072	7318899	1.59	cps
Lithium	6-1	4508779	4569803	4433485	4504023	1.52	cps
Magnesium	24-1	222532199	220890975	212912537	218778570	2.35	cps
Manganese	55-1	11398317	11473255	11100582	11324051	1.74	cps
Molybdenum	95-1	5823576	5782126	5685054	5763585	1.23	cps
Molybdenum	96-1	6488920	6446540	6286044	6407168	1.67	cps
Molybdenum	97-1	3658751	3648379	3564821	3623984	1.42	cps
Molybdenum	98-1	9358321	9254817	9049898	9221012	1.70	cps

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:17:24	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4784783	4764883	4634579	4728082	1.73	cps
Neodymium	150-1	325	325	375	342	8.45	cps
Nickel	60-1	951486	952839	920387	941570	1.95	cps
Phosphorus	31-1	2977993	2949299	2899420	2942237	1.35	cps
Potassium	39-1	204993093	204229149	197136643	202119629	2.14	cps
Rhodium	103-1	19881728	20009303	19526113	19805714	1.26	cps
Scandium	45-1	14223104	14325912	13927708	14158908	1.46	cps
Selenium	77-1	37907	38857	36847	37871	2.65	cps
Selenium	78-1	212794	216395	211702	213630	1.15	cps
Selenium	82-1	49326	49424	48128	48959	1.47	cps
Silicon	28-1	1984490	2014336	1992520	1997115	0.77	cps
Silver	109-1	2834379	2835012	2764295	2811229	1.45	cps
Silver	107-1	2929072	2946323	2882741	2919379	1.13	cps
Sodium	23-1	325816057	323520199	313128440	320821566	2.11	cps
Strontium	88-1	6892869	6925392	6732831	6850364	1.50	cps
Strontium	86-1	805932	808997	787016	800648	1.49	cps
Sulfur	34-1	955754	942541	929160	942485	1.41	cps
Terbium	159-1	28215363	28582564	27772620	28190182	1.44	cps
Thallium	203-1	2236575	2212388	2177976	2208980	1.33	cps
Thallium	205-1	5354895	5352647	5231829	5313123	1.33	cps
Tin	118-1	1971512	1970949	1924404	1955622	1.38	cps
Titanium	47-1	1671179	1663790	1616914	1650628	1.78	cps
Uranium	238-1	7656823	7726381	7478780	7620661	1.68	cps
Vanadium	51-1	4572643	4532188	4408121	4504317	1.90	cps
Yttrium	89-1	30947147	31356437	30412960	30905515	1.53	cps
Zinc	66-1	1143354	1135466	1112236	1130352	1.43	cps
Zirconium	90-1	3964585	3933248	3822315	3906716	1.91	cps
Zirconium	91-1	877184	870768	848415	865455	1.74	cps

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:20:27	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	109235870	108025888	108073659	108445139	0.63	cps
Antimony	121-1	4310152	4305020	4363119	4326097	0.74	cps
Arsenic	75-1	1011668	999400	997487	1002851	0.77	cps
Barium	135-1	5693284	5676956	5778028	5716089	0.95	cps
Barium	137-1	9892190	9871151	9955551	9906298	0.44	cps
Beryllium	9-1	725285	720947	717576	721269	0.54	cps
Bismuth	209-1	17028023	17376720	16877099	17093947	1.50	cps
Boron	11-1	557300	560807	570331	562813	1.20	cps
Boron	10-1	118941	116623	121268	118944	1.95	cps
Bromine	81-1						cps
Cadmium	108-1	98191	97515	97000	97569	0.61	cps
Cadmium	106-1	159500	156365	154359	156741	1.65	cps
Cadmium	111-1	1242398	1248549	1258768	1249905	0.66	cps
Calcium	43-1	1479935	1458061	1467051	1468349	0.75	cps
Calcium	44-1	23432666	23041269	23211902	23228612	0.84	cps
Chromium	52-1	7756157	7600459	7669451	7675356	1.02	cps
Cobalt	59-1	8522449	8414533	8441625	8459536	0.66	cps
Copper	63-1	8406086	8246933	8317111	8323377	0.96	cps
Dysprosium	156-1	133	158	167	153	11.35	cps
Erbium	164-1	192	200	167	186	9.32	cps
Gadolinium	160-1	208	242	308	253	20.14	cps
Holmium	165-1	27353366	28133588	27329551	27605502	1.66	cps
Indium	115-1	21648527	22200719	21476204	21775150	1.74	cps
Iron	56-1	426368617	419538655	423812189	423239820	0.82	cps
Iron	57-1	11267490	11123416	11129485	11173464	0.73	cps
Krypton	83-1	607	647	690	648	6.43	cps
Lead	206-1	3621144	3630565	3651355	3634354	0.43	cps
Lead	207-1	3246522	3237966	3228883	3237791	0.27	cps
Lead	208-1	14632051	14478444	14608082	14572859	0.57	cps
Lithium	6-1	4382235	4439760	4314772	4378922	1.43	cps
Magnesium	24-1	429361312	423038760	423885941	425428671	0.81	cps
Manganese	55-1	22424730	22031667	22242301	22232899	0.88	cps
Molybdenum	95-1	11546146	11346019	11419167	11437111	0.89	cps
Molybdenum	96-1	12838191	12635811	12752473	12742158	0.80	cps
Molybdenum	97-1	7165813	7077355	7141884	7128351	0.64	cps
Molybdenum	98-1	18472512	18301087	18337954	18370518	0.49	cps

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:20:27	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9377393	9286572	9390394	9351453	0.60	cps
Neodymium	150-1	742	700	525	656	17.54	cps
Nickel	60-1	1816595	1789092	1801357	1802348	0.76	cps
Phosphorus	31-1	5776391	5683882	5656941	5705738	1.10	cps
Potassium	39-1	394294109	388405198	387686098	390128468	0.93	cps
Rhodium	103-1	19261124	19826881	18923356	19337120	2.36	cps
Scandium	45-1	13871343	14157358	13648267	13892323	1.84	cps
Selenium	77-1	73936	72419	73438	73264	1.06	cps
Selenium	78-1	329872	330679	330617	330389	0.14	cps
Selenium	82-1	97582	96854	96410	96949	0.61	cps
Silicon	28-1	3510013	3464742	3513413	3496056	0.78	cps
Silver	109-1	5466592	5471654	5500299	5479515	0.33	cps
Silver	107-1	5775420	5683268	5754533	5737740	0.84	cps
Sodium	23-1	629811014	618567047	619832564	622736875	0.99	cps
Strontium	88-1	13819081	13600525	13618392	13679332	0.89	cps
Strontium	86-1	1583716	1575190	1592671	1583859	0.55	cps
Sulfur	34-1	1163596	1151491	1133135	1149407	1.33	cps
Terbium	159-1	28307716	28972790	27975381	28418629	1.79	cps
Thallium	203-1	4414294	4431926	4481318	4442512	0.78	cps
Thallium	205-1	10546869	10546482	10607321	10566891	0.33	cps
Tin	118-1	3875901	3837762	3910643	3874769	0.94	cps
Titanium	47-1	3283177	3229167	3240489	3250944	0.88	cps
Uranium	238-1	15590253	15479450	15607910	15559204	0.45	cps
Vanadium	51-1	8834697	8680695	8810196	8775196	0.94	cps
Yttrium	89-1	30702782	31296245	30192492	30730506	1.80	cps
Zinc	66-1	2209297	2150298	2190508	2183368	1.38	cps
Zirconium	90-1	7804343	7737826	7770482	7770884	0.43	cps
Zirconium	91-1	1733798	1714879	1716540	1721739	0.61	cps

LB Number : LB107627 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-06 16:23:31 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	210302358	208911095	207665061	208959505	0.63	cps
Antimony	121-1	8473244	8425788	8351082	8416705	0.73	cps
Arsenic	75-1	1930938	1928205	1911507	1923550	0.55	cps
Barium	135-1	11297401	11204616	11126131	11209383	0.76	cps
Barium	137-1	19712044	19703365	19605142	19673517	0.30	cps
Beryllium	9-1	1352494	1332088	1311583	1332055	1.54	cps
Bismuth	209-1	16788096	17021575	16777005	16862225	0.82	cps
Boron	11-1	1072583	1057613	1057405	1062534	0.82	cps
Boron	10-1	225067	222697	222164	223309	0.69	cps
Bromine	81-1						cps
Cadmium	108-1	187417	186276	188771	187488	0.67	cps
Cadmium	106-1	293026	288531	291532	291030	0.79	cps
Cadmium	111-1	2389782	2401644	2384951	2392125	0.36	cps
Calcium	43-1	2869381	2870953	2801876	2847404	1.38	cps
Calcium	44-1	45385024	45349983	44767697	45167568	0.77	cps
Chromium	52-1	14696000	14653528	14522543	14624024	0.62	cps
Cobalt	59-1	16108120	16118812	16111092	16112675	0.03	cps
Copper	63-1	15713961	15658391	15499165	15623839	0.71	cps
Dysprosium	156-1	267	350	275	297	15.44	cps
Erbium	164-1	208	142	150	167	21.80	cps
Gadolinium	160-1	242	325	317	294	15.59	cps
Holmium	165-1	27813684	27990358	27422569	27742204	1.05	cps
Indium	115-1	21530489	21761236	21227389	21506371	1.24	cps
Iron	56-1	812964625	808089692	801500244	807518187	0.71	cps
Iron	57-1	21608534	21650108	21577003	21611882	0.17	cps
Krypton	83-1	670	633	623	642	3.83	cps
Lead	206-1	7005215	7002220	7013794	7007076	0.09	cps
Lead	207-1	6199765	6211683	6234110	6215186	0.28	cps
Lead	208-1	28163801	28242607	28274106	28226838	0.20	cps
Lithium	6-1	4272154	4302716	4153077	4242649	1.86	cps
Magnesium	24-1	823256492	815181749	809729616	816055952	0.83	cps
Manganese	55-1	43144368	42779227	42597814	42840470	0.65	cps
Molybdenum	95-1	22359818	22583923	22240686	22394809	0.78	cps
Molybdenum	96-1	24841030	25223135	24843337	24969167	0.88	cps
Molybdenum	97-1	14039359	14231854	13900063	14057092	1.19	cps
Molybdenum	98-1	36222539	36276665	35922687	36140631	0.53	cps

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:23:31	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	18358434	18502713	18332213	18397787	0.50	cps
Neodymium	150-1	1117	1233	1225	1192	5.46	cps
Nickel	60-1	3401282	3387047	3382332	3390220	0.29	cps
Phosphorus	31-1	10836814	10747816	10649492	10744707	0.87	cps
Potassium	39-1	759521550	759138461	742292150	753650721	1.31	cps
Rhodium	103-1	19121616	19223267	18743585	19029489	1.33	cps
Scandium	45-1	13715920	13826977	13358702	13633866	1.79	cps
Selenium	77-1	139904	141360	141366	140876	0.60	cps
Selenium	78-1	543095	535827	536483	538468	0.75	cps
Selenium	82-1	182949	184292	181280	182840	0.83	cps
Silicon	28-1	5944068	6005400	5995022	5981497	0.55	cps
Silver	109-1	10584378	10538365	10518840	10547194	0.32	cps
Silver	107-1	11006088	10927730	11040181	10991333	0.52	cps
Sodium	23-1	1202660194	1193325460	1189514227	1195166627	0.57	cps
Strontium	88-1	26791899	26948443	26583572	26774638	0.68	cps
Strontium	86-1	3074730	3085120	3085597	3081816	0.20	cps
Sulfur	34-1	1606586	1590019	1553268	1583291	1.72	cps
Terbium	159-1	28377110	29045400	28004830	28475780	1.85	cps
Thallium	203-1	8652214	8648768	8609604	8636862	0.27	cps
Thallium	205-1	20725270	20608016	20792720	20708669	0.45	cps
Tin	118-1	7677638	7682340	7670089	7676689	0.08	cps
Titanium	47-1	6343973	6281335	6245985	6290431	0.79	cps
Uranium	238-1	30840307	30632639	30898690	30790545	0.45	cps
Vanadium	51-1	17040397	16962922	16850382	16951234	0.56	cps
Yttrium	89-1	30545170	30866528	30053975	30488557	1.34	cps
Zinc	66-1	4090452	4066920	4039549	4065640	0.63	cps
Zirconium	90-1	15797199	15717074	15696945	15737073	0.34	cps
Zirconium	91-1	3477691	3477573	3459375	3471547	0.30	cps

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:26:35	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	424908040	425654610	423897497	424820049	0.21	cps
Antimony	121-1	17013514	17197261	17265211	17158662	0.76	cps
Arsenic	75-1	3827114	3812045	3839427	3826195	0.36	cps
Barium	135-1	22507469	22869561	22999882	22792304	1.12	cps
Barium	137-1	39463249	40094890	40163982	39907374	0.97	cps
Beryllium	9-1	2603677	2582968	2572385	2586343	0.62	cps
Bismuth	209-1	16601272	16779901	17273209	16884794	2.06	cps
Boron	11-1	2086394	2091818	2100434	2092882	0.34	cps
Boron	10-1	439125	438118	444602	440615	0.79	cps
Bromine	81-1						cps
Cadmium	108-1	405370	404445	405017	404944	0.12	cps
Cadmium	106-1	612952	613161	607400	611171	0.53	cps
Cadmium	111-1	5171315	5228080	5201009	5200135	0.55	cps
Calcium	43-1	5803061	5809642	5769826	5794176	0.37	cps
Calcium	44-1	92019502	91688017	91168196	91625238	0.47	cps
Chromium	52-1	29328349	29519797	29503314	29450487	0.36	cps
Cobalt	59-1	32223713	32373746	32495303	32364254	0.42	cps
Copper	63-1	34081651	34291334	34498736	34290574	0.61	cps
Dysprosium	156-1	758	875	742	792	9.18	cps
Erbium	164-1	283	142	242	222	32.76	cps
Gadolinium	160-1	392	500	450	447	12.12	cps
Holmium	165-1	28055106	28314595	29075524	28481742	1.86	cps
Indium	115-1	21533232	21620103	22311423	21821586	1.95	cps
Iron	56-1	1613632641	1624772526	1621559193	1619988120	0.35	cps
Iron	57-1	43210456	43398113	43641731	43416766	0.50	cps
Krypton	83-1	713	660	720	698	4.71	cps
Lead	206-1	14138967	14295104	14358715	14264262	0.79	cps
Lead	207-1	12593448	12633596	12701182	12642742	0.43	cps
Lead	208-1	57085395	57373522	57526143	57328353	0.39	cps
Lithium	6-1	4174602	4182926	4296367	4217965	1.61	cps
Magnesium	24-1	1644121364	1670637783	1643295345	1652684831	0.94	cps
Manganese	55-1	86076876	86543783	86661183	86427281	0.36	cps
Molybdenum	95-1	45509800	46144655	46013771	45889409	0.73	cps
Molybdenum	96-1	50781456	51210153	51219765	51070458	0.49	cps
Molybdenum	97-1	28479500	28587906	28768915	28612107	0.51	cps
Molybdenum	98-1	72861410	73814572	74096533	73590838	0.88	cps

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:26:35	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	37598238	38097952	38026744	37907645	0.71	cps
Neodymium	150-1	2250	2484	2684	2473	8.77	cps
Nickel	60-1	6724887	6791290	6802828	6773001	0.62	cps
Phosphorus	31-1	21729431	21596601	21680826	21668952	0.31	cps
Potassium	39-1	1513292078	1524776523	1518258523	1518775708	0.38	cps
Rhodium	103-1	18665251	18804921	19373469	18947880	1.98	cps
Scandium	45-1	13821304	13759947	14028291	13869848	1.01	cps
Selenium	77-1	277745	278317	278086	278049	0.10	cps
Selenium	78-1	975950	974112	978093	976052	0.20	cps
Selenium	82-1	363203	364381	360317	362633	0.58	cps
Silicon	28-1	11164622	11304828	11277913	11249121	0.66	cps
Silver	109-1	21478154	21656578	21713908	21616213	0.57	cps
Silver	107-1	22248466	22553791	22486961	22429740	0.72	cps
Sodium	23-1	2418769854	2420958454	2398866187	2412864832	0.50	cps
Strontium	88-1	54277066	54847116	54698978	54607720	0.54	cps
Strontium	86-1	6231115	6274189	6281317	6262207	0.43	cps
Sulfur	34-1	2606338	2589034	2568013	2587795	0.74	cps
Terbium	159-1	29192326	28915815	29806127	29304756	1.55	cps
Thallium	203-1	17304761	17659109	17493402	17485757	1.01	cps
Thallium	205-1	41503767	42206527	42042763	41917686	0.88	cps
Tin	118-1	15567124	15671431	15686412	15641656	0.42	cps
Titanium	47-1	12786186	12741504	12758973	12762221	0.18	cps
Uranium	238-1	62437995	62814089	63230341	62827475	0.63	cps
Vanadium	51-1	34321896	34321545	34458188	34367210	0.23	cps
Yttrium	89-1	30832007	31014080	31855020	31233702	1.75	cps
Zinc	66-1	8225105	8292791	8297523	8271807	0.49	cps
Zirconium	90-1	32095262	32251147	32409561	32251990	0.49	cps
Zirconium	91-1	7084800	7169318	7195540	7149886	0.81	cps

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:29:39	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	1985962292	1999223839	2010080604	1998422245	0.60	cps
Antimony	121-1	28538	30501	32347	30462	6.25	cps
Arsenic	75-1	3727	3814	4027	3856	4.01	cps
Barium	135-1	53119	55001	52567	53562	2.38	cps
Barium	137-1	93263	95276	92499	93679	1.53	cps
Beryllium	9-1	2034	1989	2061	2028	1.80	cps
Bismuth	209-1	14075412	14169017	14109632	14118020	0.34	cps
Boron	11-1	40656	38149	34031	37612	8.89	cps
Boron	10-1	9028	7694	7119	7947	12.33	cps
Bromine	81-1						cps
Cadmium	108-1	404	342	338	361	10.34	cps
Cadmium	106-1	12389	12723	12581	12564	1.33	cps
Cadmium	111-1	12003	12584	11967	12184	2.84	cps
Calcium	43-1	26980878	27287899	26881691	27050156	0.78	cps
Calcium	44-1	425985560	432395810	428629410	429003593	0.75	cps
Chromium	52-1	552654	550023	547637	550105	0.46	cps
Cobalt	59-1	89309	87296	86132	87579	1.84	cps
Copper	63-1	325407	325950	329499	326952	0.68	cps
Dysprosium	156-1	1300	1108	1217	1208	7.95	cps
Erbium	164-1	450	375	367	397	11.55	cps
Gadolinium	160-1	1400	1333	1200	1311	7.77	cps
Holmium	165-1	26224012	26107997	26079785	26137265	0.29	cps
Indium	115-1	20734705	20751743	20685541	20723996	0.17	cps
Iron	56-1	7492576120	7573681187	7572685834	7546314381	0.62	cps
Iron	57-1	201377461	201034023	201096204	201169229	0.09	cps
Krypton	83-1	690	690	687	689	0.28	cps
Lead	206-1	70330	69286	69554	69723	0.78	cps
Lead	207-1	63278	62983	62497	62919	0.63	cps
Lead	208-1	282927	283345	279448	281907	0.76	cps
Lithium	6-1	3774391	3766041	3809416	3783283	0.61	cps
Magnesium	24-1	8007499242	8046538328	8012927356	8022321642	0.26	cps
Manganese	55-1	446471	448110	447276	447286	0.18	cps
Molybdenum	95-1	58152	58688	58178	58340	0.52	cps
Molybdenum	96-1	86027	88156	86940	87041	1.23	cps
Molybdenum	97-1	35102	36740	35938	35927	2.28	cps
Molybdenum	98-1	92299	93371	90478	92049	1.59	cps

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:29:39	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	43200	45465	43835	44167	2.65	cps
Neodymium	150-1	308	200	317	275	23.67	cps
Nickel	60-1	106158	107030	107069	106753	0.48	cps
Phosphorus	31-1	47151	47285	48144	47527	1.13	cps
Potassium	39-1	7046739891	7063024336	7071728336	7060497521	0.18	cps
Rhodium	103-1	16474810	16551354	16568163	16531442	0.30	cps
Scandium	45-1	13173882	13144925	13082930	13133913	0.35	cps
Selenium	77-1	591	786	629	668	15.49	cps
Selenium	78-1	88910	88780	89168	88952	0.22	cps
Selenium	82-1	510	537	544	530	3.40	cps
Silicon	28-1	597453	587777	569821	585017	2.40	cps
Silver	109-1	11530	11605	10946	11361	3.17	cps
Silver	107-1	12356	11797	11272	11808	4.59	cps
Sodium	23-1	12093849270	12104792270	11994330935	12064324160	0.3	cps
Strontium	88-1	148023	148528	145120	147224	1.25	cps
Strontium	86-1	17553	17995	17954	17834	1.37	cps
Sulfur	34-1	527005	530417	531034	529485	0.41	cps
Terbium	159-1	26765496	26844990	26666960	26759149	0.33	cps
Thallium	203-1	15259	14726	13933	14639	4.56	cps
Thallium	205-1	35833	36133	34404	35457	2.61	cps
Tin	118-1	21050	21801	21367	21406	1.76	cps
Titanium	47-1	9620	10179	10054	9951	2.95	cps
Uranium	238-1	30954	29626	29226	29935	3.02	cps
Vanadium	51-1	40925	40279	39443	40216	1.85	cps
Yttrium	89-1	29481013	29699554	29555554	29578707	0.38	cps
Zinc	66-1	153829	152946	154582	153786	0.53	cps
Zirconium	90-1	28371	28112	28129	28204	0.51	cps
Zirconium	91-1	5968	6043	5985	5999	0.66	cps

LB Number : LB107627 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-06 16:43:47 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	10494324	10578078	10634759	10569054	0.67	cps
Antimony	121-1	3225826	3225306	3256238	3235790	0.55	cps
Arsenic	75-1	766023	768151	772468	768881	0.43	cps
Barium	135-1	439655	449822	441171	443549	1.24	cps
Barium	137-1	775650	782218	784499	780789	0.59	cps
Beryllium	9-1	272649	273499	276020	274056	0.64	cps
Bismuth	209-1	16936181	17033799	17103127	17024369	0.49	cps
Boron	11-1	1105443	1125409	1117780	1116210	0.90	cps
Boron	10-1	231171	237974	236927	235357	1.56	cps
Bromine	81-1						cps
Cadmium	108-1	64898	65898	66681	65826	1.36	cps
Cadmium	106-1	126007	126369	127134	126503	0.45	cps
Cadmium	111-1	520400	524255	522825	522493	0.37	cps
Calcium	43-1	123195	123405	123496	123365	0.13	cps
Calcium	44-1	1901048	1909017	1917242	1909102	0.42	cps
Chromium	52-1	2982080	2952263	2997816	2977386	0.78	cps
Cobalt	59-1	3320752	3325818	3319955	3322175	0.10	cps
Copper	63-1	1676725	1685817	1678460	1680334	0.29	cps
Dysprosium	156-1	83	33	25	47	66.82	cps
Erbium	164-1	133	167	167	156	12.37	cps
Gadolinium	160-1	217	183	258	219	17.13	cps
Holmium	165-1	26746064	27050676	26978830	26925190	0.59	cps
Indium	115-1	21464178	21599027	21511315	21524840	0.32	cps
Iron	56-1	71140035	71710116	72102269	71650807	0.68	cps
Iron	57-1	1707879	1720042	1729145	1719022	0.62	cps
Krypton	83-1	567	573	580	573	1.16	cps
Lead	206-1	2936593	2959980	2949930	2948834	0.40	cps
Lead	207-1	2474321	2513513	2516523	2501453	0.94	cps
Lead	208-1	11540911	11719860	11656629	11639133	0.78	cps
Lithium	6-1	4353463	4358725	4342231	4351473	0.19	cps
Magnesium	24-1	18716036	18728572	18881569	18775392	0.49	cps
Manganese	55-1	4208289	4218408	4286908	4237868	1.01	cps
Molybdenum	95-1	22017111	22124220	22070149	22070493	0.24	cps
Molybdenum	96-1	24499153	24530379	24664747	24564760	0.36	cps
Molybdenum	97-1	13767695	13773321	13854227	13798414	0.35	cps
Molybdenum	98-1	35025911	35747075	35845675	35539554	1.26	cps

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:43:47	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	18127579	18107905	18070906	18102130	0.16	cps
Neodymium	150-1	17	75	117	69	72.33	cps
Nickel	60-1	709343	712551	712311	711402	0.25	cps
Phosphorus	31-1	37104	36870	36354	36776	1.04	cps
Potassium	39-1	62116165	61983125	62118840	62072710	0.13	cps
Rhodium	103-1	19440199	19595155	19645994	19560449	0.55	cps
Scandium	45-1	13310706	13428825	13433562	13391031	0.52	cps
Selenium	77-1	57376	56544	57457	57126	0.88	cps
Selenium	78-1	272826	272032	273765	272874	0.32	cps
Selenium	82-1	73415	73312	73988	73572	0.50	cps
Silicon	28-1	5261981	5447140	5577842	5428988	2.92	cps
Silver	109-1	1038729	1062930	1052558	1051406	1.15	cps
Silver	107-1	1104204	1098067	1108434	1103568	0.47	cps
Sodium	23-1	47692017	47795386	47830829	47772744	0.15	cps
Strontium	88-1	25716143	26100945	26061106	25959398	0.82	cps
Strontium	86-1	2988029	3024307	3039552	3017296	0.88	cps
Sulfur	34-1	568962	563283	560547	564264	0.76	cps
Terbium	159-1	27503433	27584916	27789421	27625923	0.53	cps
Thallium	203-1	3547965	3594975	3543036	3561992	0.80	cps
Thallium	205-1	8411644	8529234	8456027	8465635	0.70	cps
Tin	118-1	7427188	7396842	7467744	7430591	0.48	cps
Titanium	47-1	6079633	6147137	6145338	6124036	0.63	cps
Uranium	238-1	28667107	29066185	29055902	28929731	0.79	cps
Vanadium	51-1	3269792	3288805	3317945	3292180	0.74	cps
Yttrium	89-1	29991688	30055503	30255663	30100951	0.46	cps
Zinc	66-1	815373	814283	820603	816753	0.41	cps
Zirconium	90-1	15135561	15290552	15259980	15228698	0.54	cps
Zirconium	91-1	3402954	3417426	3421186	3413855	0.28	cps

LB Number : LB107627 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-06 16:50:40 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	18181	17229	17914	17775	2.76	cps
Antimony	121-1	2650	3267	3701	3206	16.46	cps
Arsenic	75-1	87	120	113	107	16.54	cps
Barium	135-1	125	183	92	133	34.80	cps
Barium	137-1	200	292	250	247	18.56	cps
Beryllium	9-1	106	117	89	104	13.48	cps
Bismuth	209-1	17255369	17300278	17388782	17314810	0.39	cps
Boron	11-1	9629	9495	9345	9489	1.50	cps
Boron	10-1	2192	1767	1892	1950	11.20	cps
Bromine	81-1						cps
Cadmium	108-1	50	46	25	40	33.25	cps
Cadmium	106-1	12681	12890	12990	12854	1.22	cps
Cadmium	111-1	8904	9049	9125	9026	1.24	cps
Calcium	43-1	558	483	617	553	12.09	cps
Calcium	44-1	21159	21560	22128	21616	2.25	cps
Chromium	52-1	48695	49120	48518	48778	0.63	cps
Cobalt	59-1	571	562	686	606	11.36	cps
Copper	63-1	28008	27875	28018	27967	0.29	cps
Dysprosium	156-1	67	0	50	39	89.22	cps
Erbium	164-1	167	208	158	178	15.07	cps
Gadolinium	160-1	167	225	242	211	18.66	cps
Holmium	165-1	27179943	27108175	27371922	27220013	0.50	cps
Indium	115-1	22233472	22291984	22397220	22307559	0.37	cps
Iron	56-1	11671533	11691397	11738593	11700508	0.29	cps
Iron	57-1	60247	59511	59626	59795	0.66	cps
Krypton	83-1	553	703	667	641	12.20	cps
Lead	206-1	1278	1211	1206	1232	3.26	cps
Lead	207-1	1217	1161	1067	1148	6.61	cps
Lead	208-1	4634	4573	4473	4560	1.78	cps
Lithium	6-1	4455113	4497962	4477838	4476971	0.48	cps
Magnesium	24-1	62124	61617	63793	62511	1.82	cps
Manganese	55-1	8860	9089	9694	9214	4.68	cps
Molybdenum	95-1	1050	1092	1075	1072	1.96	cps
Molybdenum	96-1	1242	1408	1192	1281	8.86	cps
Molybdenum	97-1	625	592	592	603	3.19	cps
Molybdenum	98-1	1492	1625	1817	1645	9.93	cps

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:50:40	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1292	1333	1500	1375	8.02	cps
Neodymium	150-1	0	25	17	14	91.65	cps
Nickel	60-1	243	205	257	235	11.53	cps
Phosphorus	31-1	34025	34101	34335	34154	0.47	cps
Potassium	39-1	5964841	5951406	5973755	5963334	0.19	cps
Rhodium	103-1	20197322	20207467	20225048	20209946	0.07	cps
Scandium	45-1	14078631	14156894	14200296	14145273	0.44	cps
Selenium	77-1	452	405	410	422	6.21	cps
Selenium	78-1	95326	94645	95206	95059	0.38	cps
Selenium	82-1	49	-48	-25	-8	-650.50	cps
Silicon	28-1	328528	327800	331147	329158	0.53	cps
Silver	109-1	117	133	142	131	9.75	cps
Silver	107-1	325	308	350	328	6.40	cps
Sodium	23-1	1571882	1565279	1550445	1562536	0.70	cps
Strontium	88-1	475	542	367	461	19.15	cps
Strontium	86-1	908	1042	1008	986	7.04	cps
Sulfur	34-1	605582	604064	603228	604291	0.20	cps
Terbium	159-1	28198489	28028495	28111632	28112872	0.30	cps
Thallium	203-1	842	675	567	694	19.95	cps
Thallium	205-1	1183	1308	1292	1261	5.38	cps
Tin	118-1	1967	2167	2425	2186	10.51	cps
Titanium	47-1	258	342	333	311	14.75	cps
Uranium	238-1	1692	1659	2200	1850	16.41	cps
Vanadium	51-1	289	278	233	267	11.02	cps
Yttrium	89-1	31013458	30831213	30941910	30928860	0.30	cps
Zinc	66-1	1634	1189	1522	1448	15.97	cps
Zirconium	90-1	1859	2109	2084	2017	6.83	cps
Zirconium	91-1	375	400	425	400	6.25	cps

LB Number : LB107627 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-06 16:53:35 DataFile Name : 014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	2007984049	2031734326	2006791069	2015503148	0.70	cps
Antimony	121-1	20140	19406	20407	19985	2.59	cps
Arsenic	75-1	5414	5661	5721	5599	2.90	cps
Barium	135-1	6018	6085	5985	6029	0.84	cps
Barium	137-1	10538	11372	10604	10838	4.28	cps
Beryllium	9-1	722	889	789	800	10.49	cps
Bismuth	209-1	15742381	15998855	15958818	15900018	0.87	cps
Boron	11-1	8119	8269	8203	8197	0.92	cps
Boron	10-1	1775	1642	1817	1745	5.24	cps
Bromine	81-1						cps
Cadmium	108-1	5872	5964	5726	5854	2.05	cps
Cadmium	106-1	11330	12689	12389	12136	5.88	cps
Cadmium	111-1	10339	11443	11495	11092	5.89	cps
Calcium	43-1	5518276	5551850	5531547	5533891	0.31	cps
Calcium	44-1	87350169	88444156	86900871	87565065	0.91	cps
Chromium	52-1	636377	639208	627855	634480	0.93	cps
Cobalt	59-1	40404	40399	40681	40494	0.40	cps
Copper	63-1	187389	185017	183262	185222	1.12	cps
Dysprosium	156-1	167	92	125	128	29.41	cps
Erbium	164-1	225	183	208	206	10.20	cps
Gadolinium	160-1	258	233	258	250	5.78	cps
Holmium	165-1	27200033	27639956	27581851	27473946	0.87	cps
Indium	115-1	21088601	21541234	21243243	21291026	1.08	cps
Iron	56-1	3065289435	3091715111	3071085701	3076030082	0.45	cps
Iron	57-1	81818850	83037069	81882323	82246081	0.83	cps
Krypton	83-1	600	627	560	596	5.63	cps
Lead	206-1	64255	63904	63267	63809	0.79	cps
Lead	207-1	51255	51194	49498	50649	1.97	cps
Lead	208-1	243212	241347	235886	240148	1.59	cps
Lithium	6-1	4150553	4208381	4196188	4185041	0.73	cps
Magnesium	24-1	1565404222	1579643574	1564300679	1569782825	0.55	cps
Manganese	55-1	320334	322981	316123	319813	1.08	cps
Molybdenum	95-1	17048718	17459445	17164111	17224091	1.23	cps
Molybdenum	96-1	18196338	18563656	18425075	18395023	1.01	cps
Molybdenum	97-1	10599890	10777806	10810023	10729240	1.05	cps
Molybdenum	98-1	27300041	27724122	27889857	27638007	1.10	cps

LB Number : LB107627 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-06 16:53:35 DataFile Name : 014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9657684	9839809	9736723	9744739	0.94	cps
Neodymium	150-1	92	42	67	67	37.50	cps
Nickel	60-1	41421	41235	40881	41179	0.66	cps
Phosphorus	31-1	101810952	102910138	102178688	102299926	0.55	cps
Potassium	39-1	2898601576	2918399799	2900265931	2905755769	0.38	cps
Rhodium	103-1	18290855	18594917	18630018	18505263	1.01	cps
Scandium	45-1	13691224	13964995	13806673	13820964	0.99	cps
Selenium	77-1	1910	1853	1929	1897	2.09	cps
Selenium	78-1	94415	94012	94080	94169	0.23	cps
Selenium	82-1	140	124	193	152	23.83	cps
Silicon	28-1	562282	571689	564609	566193	0.87	cps
Silver	109-1	875	1058	1275	1070	18.72	cps
Silver	107-1	975	1392	1383	1250	19.06	cps
Sodium	23-1	2339815652	2367745986	2341771252	2349777630	0.66	cps
Strontium	88-1	1787012	1768464	1765585	1773687	0.66	cps
Strontium	86-1	203010	205220	204077	204102	0.54	cps
Sulfur	34-1	8317641	8430970	8319215	8355942	0.78	cps
Terbium	159-1	28012170	28393847	28422670	28276229	0.81	cps
Thallium	203-1	3226	3884	3684	3598	9.38	cps
Thallium	205-1	7427	8803	9529	8587	12.43	cps
Tin	118-1	4067	4126	4343	4179	3.47	cps
Titanium	47-1	4953511	5002333	5013129	4989657	0.64	cps
Uranium	238-1	2292	2584	2925	2600	12.19	cps
Vanadium	51-1	18946	20070	20615	19877	4.28	cps
Yttrium	89-1	30452178	30681200	30550470	30561282	0.38	cps
Zinc	66-1	49642	49408	50433	49828	1.08	cps
Zirconium	90-1	2825	4276	6202	4434	38.20	cps
Zirconium	91-1	708	900	1408	1006	35.98	cps

LB Number : LB107627 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-06 16:56:31 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	1991822581	1973978534	1960631273	1975477462	0.79	cps
Antimony	121-1	338421	336571	337965	337652	0.29	cps
Arsenic	75-1	80396	79256	79344	79665	0.80	cps
Barium	135-1	93657	92475	91551	92561	1.14	cps
Barium	137-1	161926	164169	161049	162381	0.99	cps
Beryllium	9-1	52062	51950	50245	51419	1.98	cps
Bismuth	209-1	15988565	15804284	15727029	15839959	0.85	cps
Boron	11-1	109043	110561	110083	109896	0.71	cps
Boron	10-1	23118	23586	23052	23252	1.25	cps
Bromine	81-1						cps
Cadmium	108-1	14558	13640	13740	13979	3.60	cps
Cadmium	106-1	25582	26384	25833	25933	1.58	cps
Cadmium	111-1	100913	101023	99653	100529	0.76	cps
Calcium	43-1	5491737	5476433	5447244	5471805	0.41	cps
Calcium	44-1	87159692	86875287	86015771	86683583	0.69	cps
Chromium	52-1	1205999	1184591	1177233	1189274	1.26	cps
Cobalt	59-1	678509	661960	645968	662146	2.46	cps
Copper	63-1	482133	489035	485429	485532	0.71	cps
Dysprosium	156-1	125	83	192	133	40.98	cps
Erbium	164-1	158	267	192	206	26.99	cps
Gadolinium	160-1	242	275	258	258	6.45	cps
Holmium	165-1	27647507	27476540	27014362	27379470	1.20	cps
Indium	115-1	20948431	21105144	21139998	21064524	0.48	cps
Iron	56-1	3060729968	3053255606	3012641892	3042209155	0.85	cps
Iron	57-1	82098454	81431926	80330281	81286887	1.10	cps
Krypton	83-1	597	597	623	606	2.54	cps
Lead	206-1	330261	335995	328241	331499	1.21	cps
Lead	207-1	281629	279235	276119	278994	0.99	cps
Lead	208-1	1300853	1295272	1279467	1291864	0.86	cps
Lithium	6-1	4151747	4088989	4091160	4110632	0.87	cps
Magnesium	24-1	1546470965	1545522965	1531073632	1541022520	0.56	cps
Manganese	55-1	1135650	1123705	1112104	1123820	1.05	cps
Molybdenum	95-1	17647934	17538323	17423031	17536429	0.64	cps
Molybdenum	96-1	18986649	18907151	18751460	18881753	0.63	cps
Molybdenum	97-1	10948074	10926410	10932876	10935787	0.10	cps
Molybdenum	98-1	28155170	28248793	27993967	28132644	0.46	cps

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:56:31	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10600692	10576269	10435885	10537615	0.84	cps
Neodymium	150-1	108	108	50	89	37.89	cps
Nickel	60-1	173168	172109	168009	171095	1.59	cps
Phosphorus	31-1	101189576	101414940	100029926	100878147	0.74	cps
Potassium	39-1	2896687531	2863443620	2849095619	2869742257	0.85	cps
Rhodium	103-1	18378411	18448144	18270995	18365850	0.49	cps
Scandium	45-1	13780477	13642228	13577080	13666595	0.76	cps
Selenium	77-1	7197	7254	7197	7216	0.46	cps
Selenium	78-1	111204	112788	111771	111921	0.72	cps
Selenium	82-1	6863	6936	6686	6828	1.88	cps
Silicon	28-1	1148813	1154781	1156674	1153423	0.36	cps
Silver	109-1	378727	378695	376701	378041	0.31	cps
Silver	107-1	399991	396619	394156	396922	0.74	cps
Sodium	23-1	2300210451	2316347252	2280757118	2299104940	0.78	cps
Strontium	88-1	4459843	4432036	4407427	4433102	0.59	cps
Strontium	86-1	512376	508114	503275	507922	0.90	cps
Sulfur	34-1	8287196	8233947	8121856	8214333	1.03	cps
Terbium	159-1	28344728	28058855	28076982	28160188	0.57	cps
Thallium	203-1	335563	334716	325621	331966	1.66	cps
Thallium	205-1	800331	805549	784887	796922	1.35	cps
Tin	118-1	743713	742711	751290	745905	0.63	cps
Titanium	47-1	5095979	5059271	5018750	5058000	0.76	cps
Uranium	238-1	2968595	2947221	2900109	2938641	1.19	cps
Vanadium	51-1	678763	666979	662730	669491	1.24	cps
Yttrium	89-1	30785082	30558915	30273731	30539243	0.84	cps
Zinc	66-1	122234	123770	120607	122204	1.29	cps
Zirconium	90-1	1605574	1578249	1557631	1580484	1.52	cps
Zirconium	91-1	356496	351698	348547	352247	1.14	cps

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	1082641007	1092904587	1107283503	1094276365	1.13	cps
Antimony	121-1	7847530	7889119	7931663	7889438	0.53	cps
Arsenic	75-1	1822468	1806193	1836263	1821641	0.83	cps
Barium	135-1	10692366	10773970	10854268	10773535	0.75	cps
Barium	137-1	18753420	18854264	19149402	18919029	1.09	cps
Beryllium	9-1	1259804	1249291	1257701	1255598	0.44	cps
Bismuth	209-1	15200928	14950920	15329378	15160409	1.27	cps
Boron	11-1	961349	973334	989289	974657	1.44	cps
Boron	10-1	201403	205935	206032	204457	1.29	cps
Bromine	81-1						cps
Cadmium	108-1	181386	179639	181285	180770	0.54	cps
Cadmium	106-1	283861	277449	280805	280705	1.14	cps
Cadmium	111-1	2280286	2297926	2296074	2291429	0.42	cps
Calcium	43-1	13404643	13384292	13590177	13459704	0.84	cps
Calcium	44-1	212491384	213491230	215316105	213766240	0.67	cps
Chromium	52-1	14390432	14520009	14550512	14486985	0.59	cps
Cobalt	59-1	15630956	15626018	15639461	15632145	0.04	cps
Copper	63-1	16204562	16329282	16525427	16353090	0.99	cps
Dysprosium	156-1	742	692	675	703	4.94	cps
Erbium	164-1	242	258	225	242	6.90	cps
Gadolinium	160-1	783	733	808	775	4.93	cps
Holmium	165-1	27169503	26765024	27360303	27098276	1.12	cps
Indium	115-1	21039157	20885505	21437065	21120576	1.35	cps
Iron	56-1	3759804936	3770803336	3787862765	3772823679	0.37	cps
Iron	57-1	100595683	100721488	101349554	100888908	0.40	cps
Krypton	83-1	710	623	680	671	6.56	cps
Lead	206-1	6490550	6474753	6460518	6475274	0.23	cps
Lead	207-1	5717161	5653772	5647587	5672840	0.68	cps
Lead	208-1	26048122	25981448	25935127	25988232	0.22	cps
Lithium	6-1	4038098	4043706	4127819	4069874	1.23	cps
Magnesium	24-1	3985565697	3992584821	4039208211	4005786243	0.73	cps
Manganese	55-1	41258105	41497231	42015037	41590124	0.93	cps
Molybdenum	95-1	21823927	22123199	22250579	22065902	0.99	cps
Molybdenum	96-1	24302600	24638110	24730303	24557004	0.92	cps
Molybdenum	97-1	13685609	13804760	13921985	13804118	0.86	cps
Molybdenum	98-1	35270171	35331111	35609739	35403674	0.51	cps

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 16:59:58	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	17894936	18073052	18200893	18056294	0.85	cps
Neodymium	150-1	1300	1342	1242	1295	3.88	cps
Nickel	60-1	3240043	3218096	3255679	3237939	0.58	cps
Phosphorus	31-1	10435892	10486288	10565839	10496006	0.62	cps
Potassium	39-1	3673394038	3677435371	3708908616	3686579342	0.53	cps
Rhodium	103-1	17796471	17483600	18111420	17797164	1.76	cps
Scandium	45-1	13738691	13401552	13956555	13698933	2.04	cps
Selenium	77-1	134250	133192	136589	134677	1.29	cps
Selenium	78-1	529768	527862	531565	529732	0.35	cps
Selenium	82-1	176058	175903	176052	176004	0.05	cps
Silicon	28-1	5501560	5647846	5758394	5635933	2.29	cps
Silver	109-1	9830201	9897710	9982542	9903484	0.77	cps
Silver	107-1	10214074	10277566	10309148	10266929	0.47	cps
Sodium	23-1	5697131061	5736057595	5826873064	5753353906	1.16	cps
Strontium	88-1	25968868	25903436	26144469	26005591	0.48	cps
Strontium	86-1	2957429	2976931	2991462	2975274	0.57	cps
Sulfur	34-1	1551580	1540813	1550621	1547671	0.39	cps
Terbium	159-1	27975237	27449646	28090663	27838515	1.23	cps
Thallium	203-1	7916844	8039484	8042790	7999706	0.90	cps
Thallium	205-1	19020952	19087292	19214928	19107724	0.52	cps
Tin	118-1	7152507	7212680	7246351	7203846	0.66	cps
Titanium	47-1	6204234	6174926	6282603	6220588	0.89	cps
Uranium	238-1	28921600	29427693	29436461	29261918	1.01	cps
Vanadium	51-1	16717752	16836780	16951938	16835490	0.70	cps
Yttrium	89-1	30815782	29753042	30905144	30491323	2.10	cps
Zinc	66-1	3892330	3891797	3939240	3907789	0.70	cps
Zirconium	90-1	15027623	14976028	15060114	15021255	0.28	cps
Zirconium	91-1	3286702	3297178	3291301	3291727	0.16	cps

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 17:08:29	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	15830	16472	16746	16349	2.88	cps
Antimony	121-1	3959	4701	4459	4373	8.65	cps
Arsenic	75-1	140	153	100	131	21.17	cps
Barium	135-1	125	133	83	114	23.52	cps
Barium	137-1	158	92	175	142	31.13	cps
Beryllium	9-1	128	56	161	115	47.00	cps
Bismuth	209-1	17216321	17072976	17050011	17113103	0.53	cps
Boron	11-1	10054	10279	9470	9934	4.20	cps
Boron	10-1	2009	2184	1950	2047	5.93	cps
Bromine	81-1						cps
Cadmium	108-1	21	29	46	32	39.85	cps
Cadmium	106-1	13157	13332	12481	12990	3.46	cps
Cadmium	111-1	9262	9379	8763	9134	3.58	cps
Calcium	43-1	400	433	258	364	25.54	cps
Calcium	44-1	19891	20108	19699	19899	1.03	cps
Chromium	52-1	50061	50348	49584	49998	0.77	cps
Cobalt	59-1	629	724	633	662	8.11	cps
Copper	63-1	26577	27006	26610	26731	0.89	cps
Dysprosium	156-1	33	75	58	56	37.75	cps
Erbium	164-1	92	142	125	119	21.31	cps
Gadolinium	160-1	242	208	142	197	25.82	cps
Holmium	165-1	27468265	27083436	27254817	27268840	0.71	cps
Indium	115-1	22469506	21955591	22167828	22197642	1.16	cps
Iron	56-1	12128661	12043866	12096395	12089641	0.35	cps
Iron	57-1	59922	60768	61070	60587	0.98	cps
Krypton	83-1	670	627	663	653	3.57	cps
Lead	206-1	1745	1650	1611	1669	4.11	cps
Lead	207-1	1606	1511	1383	1500	7.44	cps
Lead	208-1	6529	6223	6112	6288	3.43	cps
Lithium	6-1	4329152	4328067	4332480	4329900	0.05	cps
Magnesium	24-1	44777	47537	48789	47034	4.36	cps
Manganese	55-1	8736	8960	8760	8819	1.39	cps
Molybdenum	95-1	992	1067	867	975	10.36	cps
Molybdenum	96-1	1258	1433	1483	1392	8.49	cps
Molybdenum	97-1	683	650	675	669	2.59	cps
Molybdenum	98-1	1684	1892	1784	1786	5.83	cps

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 17:08:29	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1267	1692	1467	1475	14.42	cps
Neodymium	150-1	17	0	0	6	173.21	cps
Nickel	60-1	281	295	281	286	2.89	cps
Phosphorus	31-1	34808	35075	34803	34895	0.45	cps
Potassium	39-1	5929398	5913968	5904356	5915907	0.21	cps
Rhodium	103-1	20255880	20081841	20143331	20160351	0.44	cps
Scandium	45-1	14060027	14016898	14088507	14055144	0.26	cps
Selenium	77-1	452	429	452	444	3.09	cps
Selenium	78-1	96289	97209	95460	96320	0.91	cps
Selenium	82-1	-64	12	-51	-34	-117.29	cps
Silicon	28-1	320315	322298	322308	321640	0.36	cps
Silver	109-1	233	400	392	342	27.49	cps
Silver	107-1	575	450	567	531	13.17	cps
Sodium	23-1	1574897	1562652	1564990	1567513	0.41	cps
Strontium	88-1	358	342	333	344	3.70	cps
Strontium	86-1	958	858	1075	964	11.25	cps
Sulfur	34-1	618998	609632	614626	614419	0.76	cps
Terbium	159-1	28121482	27831157	28139530	28030723	0.62	cps
Thallium	203-1	1408	1133	1083	1208	14.48	cps
Thallium	205-1	3067	2900	2550	2839	9.29	cps
Tin	118-1	1909	2192	2417	2172	11.73	cps
Titanium	47-1	258	333	325	306	13.45	cps
Uranium	238-1	1642	1900	1659	1734	8.34	cps
Vanadium	51-1	333	467	389	396	16.90	cps
Yttrium	89-1	31149817	30828340	30980342	30986166	0.52	cps
Zinc	66-1	1556	1556	1400	1504	5.97	cps
Zirconium	90-1	2317	2684	3059	2686	13.81	cps
Zirconium	91-1	500	667	617	594	14.39	cps

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 17:11:22	DataFile Name :	018LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	355826	356315	354977	355706	0.19	cps
Antimony	121-1	34936	34243	35638	34939	2.00	cps
Arsenic	75-1	4187	4347	4374	4303	2.35	cps
Barium	135-1	46044	45677	45551	45757	0.56	cps
Barium	137-1	79503	79461	79955	79640	0.34	cps
Beryllium	9-1	3117	3078	3017	3071	1.64	cps
Bismuth	209-1	16825954	17080951	17082002	16996303	0.87	cps
Boron	11-1	61117	60882	62665	61555	1.57	cps
Boron	10-1	12923	13373	13557	13284	2.45	cps
Bromine	81-1						cps
Cadmium	108-1	354	438	429	407	11.28	cps
Cadmium	106-1	13182	13023	13207	13137	0.76	cps
Cadmium	111-1	13701	13890	13537	13709	1.29	cps
Calcium	43-1	30341	30349	28946	29879	2.70	cps
Calcium	44-1	498290	500886	500706	499960	0.29	cps
Chromium	52-1	112517	112632	113001	112717	0.22	cps
Cobalt	59-1	35710	35844	34975	35510	1.32	cps
Copper	63-1	61855	62687	62968	62503	0.93	cps
Dysprosium	156-1	33	58	33	42	34.65	cps
Erbium	164-1	117	133	208	153	31.96	cps
Gadolinium	160-1	225	150	150	175	24.74	cps
Holmium	165-1	26513944	27087054	27476411	27025803	1.79	cps
Indium	115-1	21761249	22036648	22553580	22117159	1.82	cps
Iron	56-1	13648998	13715454	13756083	13706845	0.39	cps
Iron	57-1	108531	110425	109658	109538	0.87	cps
Krypton	83-1	527	643	577	582	10.05	cps
Lead	206-1	15209	15587	15404	15400	1.23	cps
Lead	207-1	13769	13274	13685	13576	1.95	cps
Lead	208-1	62565	61401	61808	61925	0.95	cps
Lithium	6-1	4280928	4312384	4351795	4315036	0.82	cps
Magnesium	24-1	8776085	8712626	8705900	8731537	0.44	cps
Manganese	55-1	56829	56011	57063	56635	0.98	cps
Molybdenum	95-1	48592	47622	48777	48330	1.28	cps
Molybdenum	96-1	53325	52565	54020	53303	1.37	cps
Molybdenum	97-1	29298	29264	29690	29417	0.81	cps
Molybdenum	98-1	76213	76506	77679	76799	1.01	cps

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 17:11:22	DataFile Name :	018LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	37542	38937	37484	37988	2.17	cps
Neodymium	150-1	8	8	8	8	0.00	cps
Nickel	60-1	8803	8536	8717	8685	1.57	cps
Phosphorus	31-1	94631	95345	95082	95020	0.38	cps
Potassium	39-1	21438185	21250674	21369750	21352870	0.44	cps
Rhodium	103-1	19839205	19918768	20214457	19990810	0.99	cps
Scandium	45-1	13869523	14110470	14211877	14063957	1.25	cps
Selenium	77-1	2067	2024	1962	2018	2.61	cps
Selenium	78-1	101198	103069	101697	101988	0.95	cps
Selenium	82-1	2114	2080	2154	2116	1.75	cps
Silicon	28-1	430854	426916	432678	430149	0.68	cps
Silver	109-1	24247	24121	24046	24138	0.42	cps
Silver	107-1	25007	24940	25407	25118	1.01	cps
Sodium	23-1	14114849	13960339	13994437	14023208	0.58	cps
Strontium	88-1	55082	54045	54539	54555	0.95	cps
Strontium	86-1	6844	7002	6902	6916	1.16	cps
Sulfur	34-1	616890	627274	627748	623970	0.98	cps
Terbium	159-1	27400579	27841157	28418385	27886707	1.83	cps
Thallium	203-1	17529	17713	18422	17888	2.64	cps
Thallium	205-1	43631	42319	42502	42817	1.66	cps
Tin	118-1	78235	79517	81201	79651	1.87	cps
Titanium	47-1	13698	13990	14549	14079	3.07	cps
Uranium	238-1	57319	57906	58115	57780	0.71	cps
Vanadium	51-1	186819	189229	188285	188111	0.65	cps
Yttrium	89-1	30371826	30573956	30947055	30630946	0.95	cps
Zinc	66-1	15031	15342	15609	15327	1.89	cps
Zirconium	90-1	32346	31285	30458	31363	3.02	cps
Zirconium	91-1	6927	6443	7135	6835	5.19	cps

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	L1134-04	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 17:18:21	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	17021430	17129680	16745199	16965436	1.17	cps
Antimony	121-1	284588	287202	283057	284949	0.74	cps
Arsenic	75-1	139324	140550	137649	139175	1.05	cps
Barium	135-1	9488805	9645575	9443089	9525823	1.11	cps
Barium	137-1	16651184	16745613	16572957	16656585	0.52	cps
Beryllium	9-1	11616	11354	11327	11432	1.40	cps
Bismuth	209-1	16603288	16935807	16543221	16694105	1.27	cps
Boron	11-1	3138782	3263602	3227536	3209973	2.00	cps
Boron	10-1	663762	680203	682790	675585	1.53	cps
Bromine	81-1						cps
Cadmium	108-1	4913	5151	5243	5102	3.33	cps
Cadmium	106-1	18454	19598	18838	18963	3.07	cps
Cadmium	111-1	78040	79704	77726	78490	1.35	cps
Calcium	43-1	308	467	333	369	23.04	cps
Calcium	44-1	19274	19365	19207	19282	0.41	cps
Chromium	52-1	999969	1015854	988463	1001429	1.37	cps
Cobalt	59-1	729	771	714	738	4.03	cps
Copper	63-1	4238705	4275047	4194530	4236094	0.95	cps
Dysprosium	156-1	150	133	183	156	16.37	cps
Erbium	164-1	142	108	133	128	13.57	cps
Gadolinium	160-1	192	208	217	206	6.19	cps
Holmium	165-1	26166506	26723451	26317413	26402456	1.09	cps
Indium	115-1	21545441	21633281	21346178	21508300	0.68	cps
Iron	56-1	26393198	26245237	25903749	26180728	0.96	cps
Iron	57-1	453041	456584	446922	452182	1.08	cps
Krypton	83-1	593	600	617	603	1.99	cps
Lead	206-1	602432	616086	604491	607670	1.21	cps
Lead	207-1	533068	549148	532789	538335	1.74	cps
Lead	208-1	2414844	2498739	2428506	2447363	1.84	cps
Lithium	6-1	4346703	4403100	4293060	4347621	1.27	cps
Magnesium	24-1	21745	22856	22551	22384	2.56	cps
Manganese	55-1	27268328	27466887	26808390	27181202	1.24	cps
Molybdenum	95-1	614067	620552	615400	616673	0.56	cps
Molybdenum	96-1	659412	667265	651144	659274	1.22	cps
Molybdenum	97-1	387166	389716	385085	387322	0.60	cps
Molybdenum	98-1	997064	999226	979415	991902	1.10	cps

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	L1134-04	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 17:18:21	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	354049	357349	352055	354484	0.75	cps
Neodymium	150-1	1025	1200	1000	1075	10.14	cps
Nickel	60-1	2846372	2874366	2799777	2840172	1.33	cps
Phosphorus	31-1	32937	33600	32536	33024	1.63	cps
Potassium	39-1	5787805	5748387	5722118	5752770	0.57	cps
Rhodium	103-1	19631787	19605171	19421855	19552938	0.58	cps
Scandium	45-1	13793385	13869515	13650353	13771084	0.81	cps
Selenium	77-1	23796	23577	23663	23679	0.47	cps
Selenium	78-1	169913	168921	169821	169552	0.32	cps
Selenium	82-1	30205	30561	29871	30212	1.14	cps
Silicon	28-1	863329	870531	855232	863031	0.89	cps
Silver	109-1	4803427	4897130	4803035	4834530	1.12	cps
Silver	107-1	4997044	5083982	4980859	5020628	1.10	cps
Sodium	23-1	1760612	1766956	1749596	1759055	0.50	cps
Strontium	88-1	1633	1583	1792	1670	6.52	cps
Strontium	86-1	1142	975	1017	1045	8.30	cps
Sulfur	34-1	630048	621771	615743	622521	1.15	cps
Terbium	159-1	27207807	27522723	27121022	27283851	0.77	cps
Thallium	203-1	136090	136889	135122	136034	0.65	cps
Thallium	205-1	323347	332871	324725	326981	1.57	cps
Tin	118-1	1600	1725	1684	1670	3.81	cps
Titanium	47-1	317	342	392	350	10.91	cps
Uranium	238-1	1508	1634	1592	1578	4.03	cps
Vanadium	51-1	12202946	12331745	11969813	12168168	1.51	cps
Yttrium	89-1	30161250	30272354	29900806	30111470	0.63	cps
Zinc	66-1	7226640	7268935	7085049	7193541	1.34	cps
Zirconium	90-1	3050	3384	3492	3309	6.96	cps
Zirconium	91-1	992	908	967	956	4.48	cps

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	L1134-04RE	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 17:21:15	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	16928314	16770753	17032088	16910385	0.78	cps
Antimony	121-1	289144	290085	292997	290742	0.69	cps
Arsenic	75-1	136809	136922	138006	137246	0.48	cps
Barium	135-1	9462889	9508394	9565409	9512231	0.54	cps
Barium	137-1	16613982	16486085	16869492	16656519	1.17	cps
Beryllium	9-1	11855	11833	12294	11994	2.17	cps
Bismuth	209-1	16866006	17023119	17226369	17038498	1.06	cps
Boron	11-1	3113688	3199666	3288680	3200678	2.73	cps
Boron	10-1	655802	665501	688718	670007	2.52	cps
Bromine	81-1						cps
Cadmium	108-1	5093	5089	5134	5105	0.50	cps
Cadmium	106-1	18997	18805	19230	19011	1.12	cps
Cadmium	111-1	78290	78439	79911	78880	1.14	cps
Calcium	43-1	592	625	475	564	13.97	cps
Calcium	44-1	21610	21985	22461	22019	1.94	cps
Chromium	52-1	1000258	988178	1008211	998882	1.01	cps
Cobalt	59-1	852	776	786	805	5.16	cps
Copper	63-1	4249390	4202965	4281008	4244454	0.92	cps
Dysprosium	156-1	125	208	183	172	24.83	cps
Erbium	164-1	158	175	142	158	10.53	cps
Gadolinium	160-1	208	150	200	186	16.95	cps
Holmium	165-1	26864984	26710153	27038027	26871055	0.61	cps
Indium	115-1	21998090	21670617	21807911	21825540	0.75	cps
Iron	56-1	26245239	26012836	26303620	26187231	0.59	cps
Iron	57-1	451631	451983	456273	453296	0.57	cps
Krypton	83-1	603	503	623	577	11.15	cps
Lead	206-1	610691	613565	620831	615029	0.85	cps
Lead	207-1	534701	535462	548888	539683	1.48	cps
Lead	208-1	2445384	2453996	2491718	2463700	1.00	cps
Lithium	6-1	4378492	4291376	4376533	4348800	1.14	cps
Magnesium	24-1	26486	29253	30990	28909	7.86	cps
Manganese	55-1	27084633	26616667	27304687	27001996	1.30	cps
Molybdenum	95-1	615637	612212	621646	616498	0.77	cps
Molybdenum	96-1	657301	653645	669826	660258	1.29	cps
Molybdenum	97-1	384345	384625	387283	385418	0.42	cps
Molybdenum	98-1	987120	987876	995391	990129	0.46	cps

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	L1134-04RE	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 17:21:15	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	352667	353334	357052	354351	0.67	cps
Neodymium	150-1	925	975	1042	981	5.97	cps
Nickel	60-1	2838783	2810605	2869850	2839746	1.04	cps
Phosphorus	31-1	34392	34211	34555	34386	0.50	cps
Potassium	39-1	5757543	5762575	5772044	5764054	0.13	cps
Rhodium	103-1	19786107	19677151	19936213	19799824	0.66	cps
Scandium	45-1	13920344	13726414	14045618	13897458	1.16	cps
Selenium	77-1	23329	23281	23629	23413	0.81	cps
Selenium	78-1	169918	168710	172053	170227	0.99	cps
Selenium	82-1	29963	30171	30847	30327	1.52	cps
Silicon	28-1	786985	789525	805697	794069	1.28	cps
Silver	109-1	4849564	4810917	4877449	4845977	0.69	cps
Silver	107-1	5016789	5014024	5064615	5031809	0.57	cps
Sodium	23-1	1713399	1701665	1717665	1710910	0.48	cps
Strontium	88-1	2009	1817	1942	1922	5.06	cps
Strontium	86-1	1033	1192	1175	1133	7.68	cps
Sulfur	34-1	613623	619798	614389	615937	0.55	cps
Terbium	159-1	27643545	27733233	27768804	27715194	0.23	cps
Thallium	203-1	134154	136573	136404	135710	0.99	cps
Thallium	205-1	330315	332129	331794	331412	0.29	cps
Tin	118-1	1525	1567	1650	1581	4.03	cps
Titanium	47-1	325	392	258	325	20.51	cps
Uranium	238-1	1492	1859	1809	1720	11.57	cps
Vanadium	51-1	12145513	11921193	12173510	12080072	1.14	cps
Yttrium	89-1	30342368	30280473	31037622	30553488	1.38	cps
Zinc	66-1	7127400	7119556	7187839	7144932	0.52	cps
Zirconium	90-1	2934	2717	2917	2856	4.22	cps
Zirconium	91-1	767	733	842	781	7.11	cps

LB Number : LB107627 Operator : Jaswal
 Lab Sample ID : PB126564BL Instrumnet Name : P7
 Client Sample ID : PB126564BL Dilution Factor : 1
 Date & Time Acquired :: 2020-02-06 17:26:25 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	7484	6446	6877	6936	7.52	cps
Antimony	121-1	1025	1133	1450	1203	18.36	cps
Arsenic	75-1	120	87	100	102	16.42	cps
Barium	135-1	233	208	142	194	24.37	cps
Barium	137-1	508	333	417	419	20.87	cps
Beryllium	9-1	94	72	61	76	22.36	cps
Bismuth	209-1	17490038	16334580	16943688	16922769	3.42	cps
Boron	11-1	50744	45771	44342	46952	7.16	cps
Boron	10-1	10254	9445	9578	9759	4.44	cps
Bromine	81-1						cps
Cadmium	108-1	46	33	13	31	55.11	cps
Cadmium	106-1	13140	11739	12398	12425	5.64	cps
Cadmium	111-1	9187	8231	8703	8707	5.49	cps
Calcium	43-1	375	267	300	314	17.68	cps
Calcium	44-1	18690	17513	17337	17847	4.12	cps
Chromium	52-1	50291	49431	49522	49748	0.95	cps
Cobalt	59-1	529	591	595	571	6.51	cps
Copper	63-1	26038	26257	26152	26149	0.42	cps
Dysprosium	156-1	17	25	50	31	56.77	cps
Erbium	164-1	92	92	125	103	18.73	cps
Gadolinium	160-1	167	208	150	175	17.17	cps
Holmium	165-1	27749361	25712808	26779513	26747227	3.81	cps
Indium	115-1	22699492	21017358	22055573	21924141	3.87	cps
Iron	56-1	12208632	12119159	12154785	12160859	0.37	cps
Iron	57-1	60295	60668	60205	60389	0.41	cps
Krypton	83-1	613	627	687	642	6.08	cps
Lead	206-1	1083	1111	1211	1135	5.92	cps
Lead	207-1	1161	945	1067	1057	10.27	cps
Lead	208-1	4417	3867	4300	4195	6.91	cps
Lithium	6-1	4365020	4199884	4330432	4298445	2.03	cps
Magnesium	24-1	17887	15914	16114	16638	6.53	cps
Manganese	55-1	8974	8507	8655	8712	2.74	cps
Molybdenum	95-1	308	433	433	392	18.43	cps
Molybdenum	96-1	550	475	625	550	13.64	cps
Molybdenum	97-1	250	242	167	219	20.92	cps
Molybdenum	98-1	517	492	483	497	3.49	cps

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	PB126564BL	Instrumnet Name :	P7
Client Sample ID :	PB126564BL	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 17:26:25	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	550	808	883	747	23.40	cps
Neodymium	150-1	17	8	17	14	34.67	cps
Nickel	60-1	329	262	333	308	12.97	cps
Phosphorus	31-1	32646	31796	31658	32033	1.67	cps
Potassium	39-1	5707341	5682651	5670463	5686819	0.33	cps
Rhodium	103-1	20724968	19199653	19958481	19961034	3.82	cps
Scandium	45-1	14531481	13423895	14094787	14016721	3.98	cps
Selenium	77-1	424	371	424	406	7.44	cps
Selenium	78-1	96337	96907	96620	96621	0.30	cps
Selenium	82-1	63	13	-40	12	426.00	cps
Silicon	28-1	315896	316176	316328	316133	0.07	cps
Silver	109-1	258	200	217	225	13.35	cps
Silver	107-1	400	367	425	397	7.37	cps
Sodium	23-1	1264546	1259094	1263690	1262443	0.23	cps
Strontium	88-1	92	150	225	156	42.97	cps
Strontium	86-1	1008	1050	1083	1047	3.59	cps
Sulfur	34-1	625618	619681	620221	621840	0.53	cps
Terbium	159-1	28569764	26710784	27629215	27636587	3.36	cps
Thallium	203-1	825	775	742	781	5.37	cps
Thallium	205-1	1509	1417	1425	1450	3.50	cps
Tin	118-1	1467	1275	1425	1389	7.26	cps
Titanium	47-1	258	233	167	219	21.60	cps
Uranium	238-1	1592	1642	1400	1545	8.26	cps
Vanadium	51-1	478	522	511	504	4.59	cps
Yttrium	89-1	31261305	29463055	30505187	30409849	2.97	cps
Zinc	66-1	1945	1978	1900	1941	2.01	cps
Zirconium	90-1	2017	1759	1792	1856	7.57	cps
Zirconium	91-1	408	308	492	403	22.79	cps

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	PB126564BS	Instrumnet Name :	P7
Client Sample ID :	PB126564BS	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 17:29:19	DataFile Name :	022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	214412627	213949642	211238285	213200185	0.80	cps
Antimony	121-1	8468436	8414350	8427523	8436770	0.33	cps
Arsenic	75-1	1981898	1954898	1938694	1958497	1.11	cps
Barium	135-1	11231790	11208215	11219583	11219863	0.11	cps
Barium	137-1	19725387	19585936	19750415	19687246	0.45	cps
Beryllium	9-1	1393350	1376008	1371180	1380179	0.84	cps
Bismuth	209-1	16632936	16478579	16711355	16607623	0.71	cps
Boron	11-1	1106044	1092420	1114458	1104307	1.01	cps
Boron	10-1	232990	230341	232527	231953	0.61	cps
Bromine	81-1						cps
Cadmium	108-1	191103	191664	189524	190764	0.58	cps
Cadmium	106-1	299216	293873	295830	296306	0.91	cps
Cadmium	111-1	2380912	2403982	2409313	2398069	0.63	cps
Calcium	43-1	2985533	2916372	2936530	2946145	1.21	cps
Calcium	44-1	46406167	45720978	45880779	46002641	0.78	cps
Chromium	52-1	15151325	14923319	14833317	14969320	1.10	cps
Cobalt	59-1	16647170	16552595	16768298	16656021	0.65	cps
Copper	63-1	16143592	16017877	15936329	16032600	0.65	cps
Dysprosium	156-1	267	358	242	289	21.26	cps
Erbium	164-1	208	83	275	189	51.51	cps
Gadolinium	160-1	342	308	342	331	5.82	cps
Holmium	165-1	27743149	27696930	27588772	27676284	0.29	cps
Indium	115-1	21458477	21580621	21541871	21526990	0.29	cps
Iron	56-1	822334644	818777139	817783882	819631889	0.29	cps
Iron	57-1	22227866	21987747	21993574	22069729	0.62	cps
Krypton	83-1	573	580	647	600	6.76	cps
Lead	206-1	6924842	6890781	7002686	6939437	0.83	cps
Lead	207-1	6143595	6037814	6173738	6118382	1.17	cps
Lead	208-1	27946558	27629816	28171477	27915950	0.97	cps
Lithium	6-1	4290275	4212088	4237420	4246594	0.94	cps
Magnesium	24-1	843311311	831987558	830367444	835222104	0.84	cps
Manganese	55-1	43903968	43312784	43459720	43558824	0.71	cps
Molybdenum	95-1	22589384	22530376	22727334	22615698	0.45	cps
Molybdenum	96-1	25170177	24981013	25225303	25125498	0.51	cps
Molybdenum	97-1	14111396	14050031	14108129	14089852	0.25	cps
Molybdenum	98-1	36437785	36301860	36009891	36249846	0.60	cps

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	PB126564BS	Instrumnet Name :	P7
Client Sample ID :	PB126564BS	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 17:29:19	DataFile Name :	022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	18606705	18629531	18628072	18621436	0.07	cps
Neodymium	150-1	1442	1350	1483	1425	4.79	cps
Nickel	60-1	3529506	3490118	3491397	3503674	0.64	cps
Phosphorus	31-1	11279209	11066447	11097185	11147614	1.03	cps
Potassium	39-1	771371462	765840350	763189284	766800365	0.54	cps
Rhodium	103-1	19159294	19013868	19129942	19101035	0.40	cps
Scandium	45-1	13962868	13852427	13893163	13902819	0.40	cps
Selenium	77-1	146678	143236	145097	145003	1.19	cps
Selenium	78-1	558967	552380	561231	557526	0.82	cps
Selenium	82-1	187897	187481	187746	187708	0.11	cps
Silicon	28-1	5746292	5767890	5821834	5778672	0.67	cps
Silver	109-1	10583661	10628815	10633490	10615322	0.26	cps
Silver	107-1	11062750	11059845	11144271	11088955	0.43	cps
Sodium	23-1	1242603694	1221842994	1228627727	1231024805	0.86	cps
Strontium	88-1	27008677	26937991	26891515	26946061	0.22	cps
Strontium	86-1	3126697	3124095	3113216	3121336	0.23	cps
Sulfur	34-1	1689119	1661798	1636784	1662567	1.57	cps
Terbium	159-1	28371917	28202075	28516236	28363410	0.55	cps
Thallium	203-1	8586714	8623749	8654973	8621812	0.40	cps
Thallium	205-1	20429971	20656020	20620582	20568858	0.59	cps
Tin	118-1	7658452	7652177	7670281	7660304	0.12	cps
Titanium	47-1	6448688	6402602	6346355	6399215	0.80	cps
Uranium	238-1	30069350	30210093	30332424	30203956	0.44	cps
Vanadium	51-1	17442718	17354752	17284457	17360642	0.46	cps
Yttrium	89-1	31011383	30750841	30862894	30875039	0.42	cps
Zinc	66-1	4153799	4131928	4128330	4138019	0.33	cps
Zirconium	90-1	15824142	15729961	15842203	15798769	0.38	cps
Zirconium	91-1	3511041	3502706	3488363	3500703	0.33	cps

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 17:32:17	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	1076214704	1085728711	1072855152	1078266189	0.62	cps
Antimony	121-1	7730307	7853590	7801048	7794982	0.79	cps
Arsenic	75-1	1793691	1820809	1804983	1806495	0.75	cps
Barium	135-1	10481944	10603049	10586998	10557330	0.62	cps
Barium	137-1	18496067	18793777	18573668	18621171	0.83	cps
Beryllium	9-1	1275108	1268388	1264512	1269336	0.42	cps
Bismuth	209-1	14905488	14925200	14968548	14933079	0.22	cps
Boron	11-1	1000559	1009640	1002155	1004118	0.48	cps
Boron	10-1	208971	213383	213368	211907	1.20	cps
Bromine	81-1						cps
Cadmium	108-1	180216	178695	178690	179200	0.49	cps
Cadmium	106-1	280320	281417	280264	280667	0.23	cps
Cadmium	111-1	2270520	2285626	2256128	2270758	0.65	cps
Calcium	43-1	13259590	13471188	13368427	13366402	0.79	cps
Calcium	44-1	210686221	213680530	211738326	212035026	0.72	cps
Chromium	52-1	14279730	14469222	14254714	14334555	0.82	cps
Cobalt	59-1	15275291	15462730	15444792	15394271	0.67	cps
Copper	63-1	15857958	16162918	16064208	16028361	0.97	cps
Dysprosium	156-1	800	808	708	772	7.18	cps
Erbium	164-1	308	308	200	272	22.98	cps
Gadolinium	160-1	783	767	842	797	4.94	cps
Holmium	165-1	26340219	26631062	26632370	26534550	0.63	cps
Indium	115-1	20579958	20782653	20596777	20653129	0.54	cps
Iron	56-1	3684428251	3717009051	3709964251	3703800518	0.46	cps
Iron	57-1	98932676	99720869	99319504	99324350	0.40	cps
Krypton	83-1	643	670	657	657	2.03	cps
Lead	206-1	6345157	6398527	6432589	6392091	0.69	cps
Lead	207-1	5631076	5666996	5576245	5624772	0.81	cps
Lead	208-1	25690900	25782763	25626200	25699954	0.31	cps
Lithium	6-1	4010509	4005537	3975089	3997045	0.48	cps
Magnesium	24-1	3954285850	3969027640	3950431526	3957915005	0.25	cps
Manganese	55-1	40810471	40970384	40667890	40816249	0.37	cps
Molybdenum	95-1	21740256	21743536	21753456	21745749	0.03	cps
Molybdenum	96-1	24088553	24206354	24159237	24151381	0.25	cps
Molybdenum	97-1	13466667	13537131	13546650	13516816	0.32	cps
Molybdenum	98-1	34792382	35052945	34815138	34886822	0.41	cps

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 17:32:17	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	17675307	17826581	17811490	17771126	0.47	cps
Neodymium	150-1	1292	1358	1375	1342	3.29	cps
Nickel	60-1	3199236	3182629	3186268	3189378	0.27	cps
Phosphorus	31-1	10358662	10428403	10361574	10382880	0.38	cps
Potassium	39-1	3599331814	3630920526	3605959458	3612070599	0.46	cps
Rhodium	103-1	17434408	17631867	17428567	17498280	0.66	cps
Scandium	45-1	13442601	13448031	13400756	13430462	0.19	cps
Selenium	77-1	134547	135741	134898	135062	0.45	cps
Selenium	78-1	522099	523264	524379	523247	0.22	cps
Selenium	82-1	174790	175289	173946	174675	0.39	cps
Silicon	28-1	5520969	5665972	5653395	5613445	1.43	cps
Silver	109-1	9662135	9752990	9747090	9720738	0.52	cps
Silver	107-1	10030303	10156874	10218795	10135324	0.95	cps
Sodium	23-1	5699434261	5714337728	5649856393	5687876127	0.59	cps
Strontium	88-1	25534113	25763545	25604070	25633909	0.46	cps
Strontium	86-1	2948354	2942017	2930660	2940344	0.30	cps
Sulfur	34-1	1574170	1561197	1556091	1563819	0.60	cps
Terbium	159-1	27226002	27238675	27409519	27291399	0.38	cps
Thallium	203-1	7882106	7954593	7925060	7920587	0.46	cps
Thallium	205-1	18792132	18970754	18969392	18910759	0.54	cps
Tin	118-1	7063823	7148886	7102872	7105194	0.60	cps
Titanium	47-1	6127493	6138479	6133368	6133113	0.09	cps
Uranium	238-1	28714961	28949304	28800378	28821548	0.41	cps
Vanadium	51-1	16524904	16768519	16527957	16607127	0.84	cps
Yttrium	89-1	29745055	30081498	29742300	29856284	0.65	cps
Zinc	66-1	3878497	3920129	3862437	3887021	0.77	cps
Zirconium	90-1	14682737	15060359	14750912	14831336	1.36	cps
Zirconium	91-1	3234693	3275685	3234458	3248279	0.73	cps

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 17:35:17	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	50001	49727	50264	49997	0.54	cps
Antimony	121-1	10329	12181	14600	12370	17.31	cps
Arsenic	75-1	240	227	260	242	6.93	cps
Barium	135-1	400	500	508	469	12.84	cps
Barium	137-1	850	925	758	845	9.88	cps
Beryllium	9-1	272	233	228	244	9.91	cps
Bismuth	209-1	16750147	16886043	16899458	16845216	0.49	cps
Boron	11-1	44291	42770	40180	42414	4.90	cps
Boron	10-1	9103	8753	8444	8767	3.76	cps
Bromine	81-1						cps
Cadmium	108-1	25	50	54	43	36.64	cps
Cadmium	106-1	12348	12815	12181	12448	2.64	cps
Cadmium	111-1	8797	9119	8672	8862	2.60	cps
Calcium	43-1	958	758	825	847	12.02	cps
Calcium	44-1	27486	27678	27937	27700	0.82	cps
Chromium	52-1	49125	48767	49817	49236	1.09	cps
Cobalt	59-1	1148	1172	1200	1173	2.24	cps
Copper	63-1	32794	31191	30074	31353	4.36	cps
Dysprosium	156-1	25	50	50	42	34.64	cps
Erbium	164-1	167	158	83	136	33.72	cps
Gadolinium	160-1	100	250	192	181	41.88	cps
Holmium	165-1	26529320	26829529	26679797	26679549	0.56	cps
Indium	115-1	21420443	21615870	21625120	21553811	0.54	cps
Iron	56-1	11903776	11764252	11830495	11832841	0.59	cps
Iron	57-1	63045	61720	63843	62869	1.71	cps
Krypton	83-1	687	620	533	613	12.54	cps
Lead	206-1	2106	2039	2006	2050	2.48	cps
Lead	207-1	2034	1878	1884	1932	4.57	cps
Lead	208-1	8679	7996	8090	8255	4.49	cps
Lithium	6-1	4179945	4220819	4186873	4195879	0.52	cps
Magnesium	24-1	167827	166584	165924	166779	0.58	cps
Manganese	55-1	11314	11195	11257	11255	0.53	cps
Molybdenum	95-1	4351	4334	4926	4537	7.43	cps
Molybdenum	96-1	5001	4968	5485	5151	5.62	cps
Molybdenum	97-1	3067	2792	2975	2945	4.76	cps
Molybdenum	98-1	6685	7277	7994	7319	8.96	cps

LB Number :	LB107627	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 17:35:17	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3634	4159	4409	4067	9.73	cps
Neodymium	150-1	0	8	25	11	114.58	cps
Nickel	60-1	443	419	357	406	10.89	cps
Phosphorus	31-1	34454	35018	34841	34771	0.83	cps
Potassium	39-1	6061743	6017801	6046593	6042046	0.37	cps
Rhodium	103-1	19468409	19503137	19530419	19500655	0.16	cps
Scandium	45-1	13244945	13404550	13445749	13365081	0.79	cps
Selenium	77-1	405	419	519	448	13.91	cps
Selenium	78-1	94104	93495	93927	93842	0.33	cps
Selenium	82-1	-58	55	89	29	269.29	cps
Silicon	28-1	340486	334180	331851	335506	1.33	cps
Silver	109-1	625	550	542	572	8.02	cps
Silver	107-1	792	858	783	811	5.07	cps
Sodium	23-1	2109752	2027082	1961092	2032642	3.66	cps
Strontium	88-1	1275	1317	1217	1270	3.96	cps
Strontium	86-1	1008	1225	958	1064	13.32	cps
Sulfur	34-1	600993	598924	609698	603205	0.95	cps
Terbium	159-1	27252987	27518998	27425849	27399278	0.49	cps
Thallium	203-1	1375	1375	1325	1358	2.13	cps
Thallium	205-1	2892	2859	3126	2959	4.91	cps
Tin	118-1	5235	5435	6252	5640	9.55	cps
Titanium	47-1	633	700	592	642	8.52	cps
Uranium	238-1	3051	2834	2934	2939	3.69	cps
Vanadium	51-1	967	989	945	967	2.30	cps
Yttrium	89-1	29920626	29793505	29807112	29840414	0.23	cps
Zinc	66-1	2111	2334	2156	2200	5.35	cps
Zirconium	90-1	3734	3984	4901	4206	14.61	cps
Zirconium	91-1	925	975	983	961	3.28	cps