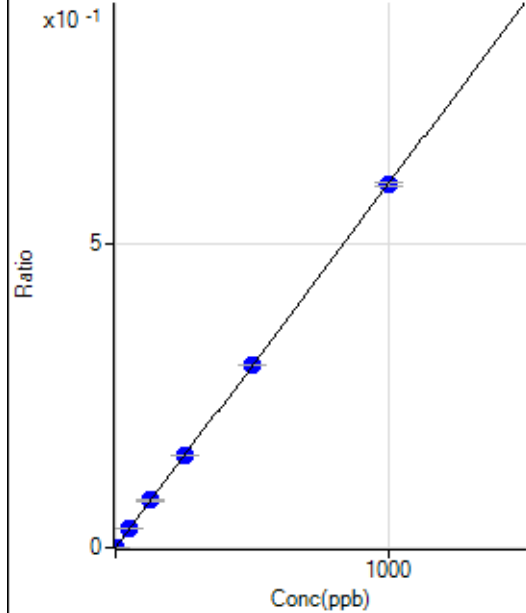


Batch Folder: D:\P8032018 MS .b\
 Analysis File: P8032018 MS .batch.bin
 DA Date-Time: 2018-03-28 11:55:44
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB P8032018 MS.D	S00	2018-03-20 14:32:34
2			
3	005CAL5 P8032018 MS.D	S02	2018-03-20 14:40:03
4	006CAL5 P8032018 MS.D	S03	2018-03-20 14:43:47
5	007CAL5 P8032018 MS.D	S04	2018-03-20 14:47:30
6	008CAL5 P8032018 MS.D	S05	2018-03-20 14:51:08
7	009CAL5 P8032018 MS.D	S06	2018-03-20 14:54:40
8	010CAL5 P8032018 MS.D	S07	2018-03-20 14:58:08
9	011CAL5 P8032018 MS.D	S08	2018-03-20 15:01:34

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	90.74	0.0001	P	14.4
2	☐	0.100					
3	☐	1.000	0.964	916.73	0.0006	P	4.4
4	☐	50.000	51.819	45719.31	0.0310	P	1.6
5	☐	125.000	130.449	114524.29	0.0780	P	2.3
6	☐	250.000	254.763	223157.13	0.1523	P	0.4
7	☐	500.000	501.901	435517.71	0.3000	P	0.8
8	☐	1000.000	997.086	847972.18	0.5959	P	0.9
9	☐			646.33	0.0005	P	12.0

$$y = 5.9753\text{E-}004 * x + 6.2605\text{E-}005$$

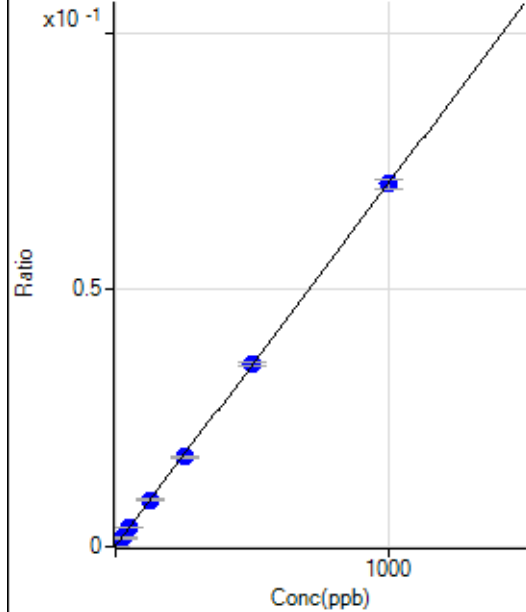
$$R = 1.0000$$

$$DL = 0.0454$$

$$BEC = 0.1048$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	186.12	0.0001	P	34.1
2	☐	2.500					
3	☐	25.000	22.945	2508.65	0.0017	P	8.9
4	☐	50.000	51.216	5512.39	0.0037	P	1.9
5	☐	125.000	126.466	13281.63	0.0090	P	3.7
6	☐	250.000	245.748	25581.93	0.0175	P	1.5
7	☐	500.000	503.911	51777.86	0.0357	P	1.9
8	☐	1000.000	998.915	100425.47	0.0706	P	2.9
9	☐			4517.58	0.0032	P	12.5

$$y = 7.0517\text{E-}005 * x + 1.2858\text{E-}004$$

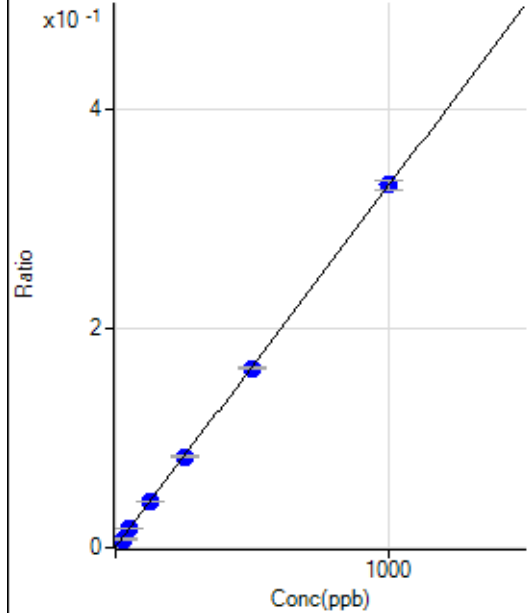
$$R = 1.0000$$

$$DL = 1.867$$

$$BEC = 1.823$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	752.84	0.0005	P	26.0
2	☐	2.500					
3	☐	25.000	21.806	11079.77	0.0077	P	7.2
4	☐	50.000	49.886	25053.20	0.0170	P	1.1
5	☐	125.000	126.342	62040.76	0.0423	P	2.3
6	☐	250.000	250.805	122146.72	0.0834	P	1.8
7	☐	500.000	495.558	238405.60	0.1642	P	1.0
8	☐	1000.000	1001.938	471673.46	0.3315	P	2.6
9	☐			21085.71	0.0147	P	9.8

$$y = 3.3030E-004 * x + 5.2143E-004$$

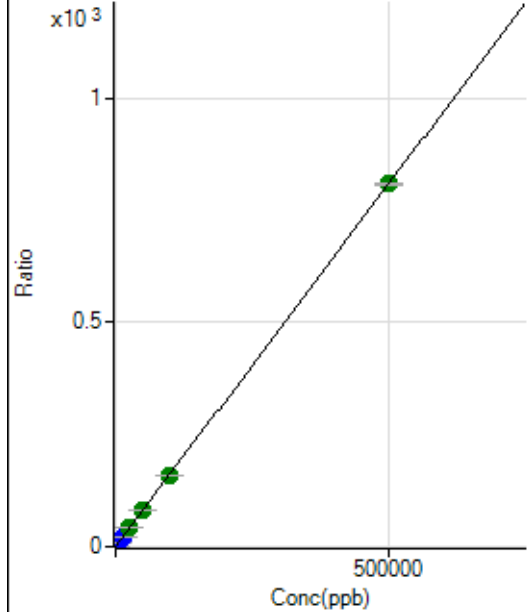
$$R = 1.0000$$

$$DL = 1.23$$

$$BEC = 1.579$$

Weight: <None>

Min Conc: 0

23 Na [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2583.69	0.0870	P	9.5
2	☐	50.000					
3	☐	500.000	463.938	24496.84	0.8370	P	3.7
4	☐	5000.000	5103.372	247837.14	8.3371	P	0.5
5	☐	12500.000	13092.170	610685.45	21.2519	P	6.5
6	☐	25000.000	25357.473	1196471.90	41.0801	A	0.4
7	☐	50000.000	50429.119	2322463.10	81.6111	A	3.6
8	☐	100000.00	98097.097	4451345.24	158.6715	A	1.2
9	☐	500000.00	500303.99	22273250.67	808.8824	A	0.8

$$y = 0.0016 * x + 0.0870$$

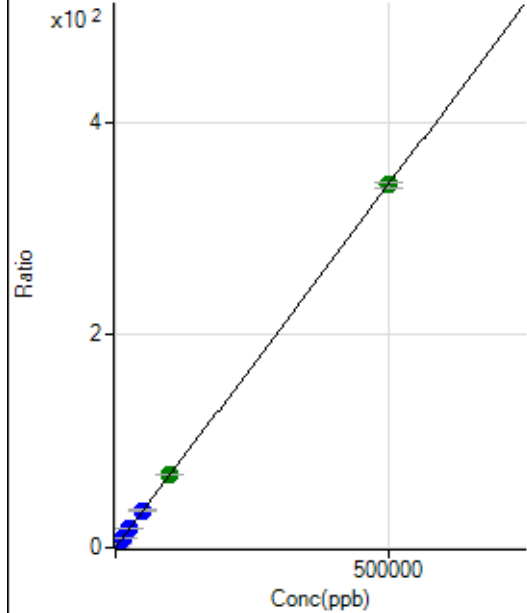
$$R = 1.0000$$

$$DL = 15.38$$

$$BEC = 53.8$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.90	0.0064	P	16.1
2	☐	50.000					
3	☐	500.000	459.593	9378.48	0.3204	P	1.3
4	☐	5000.000	5202.523	105881.44	3.5617	P	0.7
5	☐	12500.000	13325.356	261839.97	9.1128	P	6.7
6	☐	25000.000	25676.301	511233.26	17.5534	P	0.3
7	☐	50000.000	51239.456	996585.11	35.0231	P	4.0
8	☐	100000.00	100928.17	1935207.81	68.9801	A	1.1
9	☐	500000.00	499633.98	9401464.10	341.4533	A	1.4

$$y = 6.8339\text{E-}004 * x + 0.0064$$

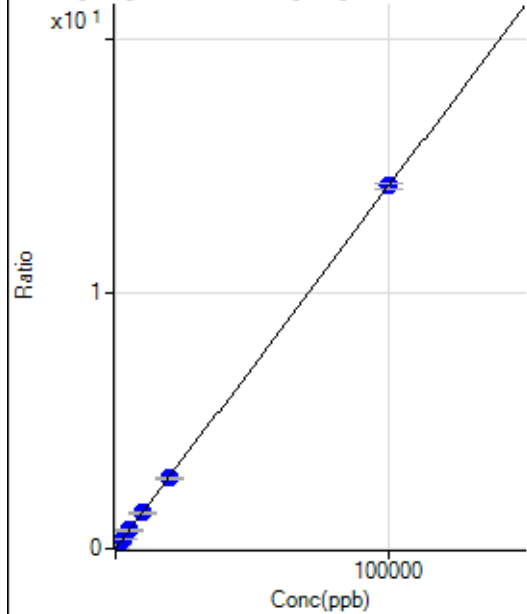
$$R = 1.0000$$

$$DL = 4.503$$

$$BEC = 9.302$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0004	P	43.5
2	☐	2.000					
3	☐	20.000	20.752	97.23	0.0033	P	5.2
4	☐	1000.000	1006.607	4261.93	0.1434	P	1.5
5	☐	2500.000	2553.782	10443.13	0.3632	P	4.7
6	☐	5000.000	5073.085	20999.63	0.7211	P	2.8
7	☐	10000.000	9926.893	40155.13	1.4106	P	2.5
8	☐	20000.000	19484.850	77659.86	2.7684	P	2.1
9	☐	100000.00	100105.27	391550.72	14.2213	P	1.7

$$y = 1.4206\text{E-}004 * x + 3.7428\text{E-}004$$

$$R = 1.0000$$

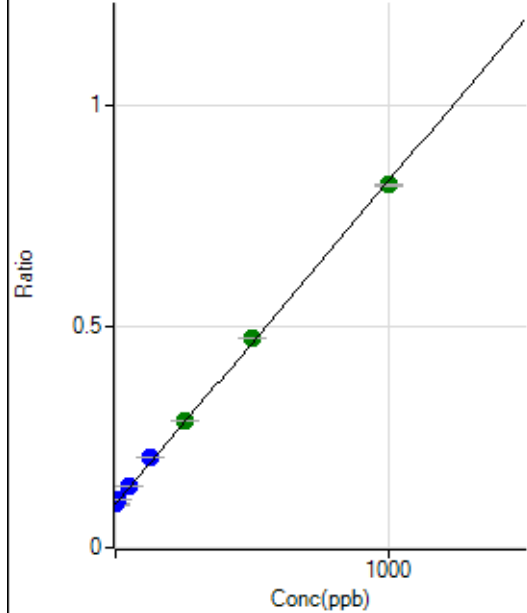
$$DL = 3.442$$

$$BEC = 2.635$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	378483.13	0.0981	P	5.6
2	☐	1.000					
3	☐	10.000	14.591	412918.67	0.1088	P	2.5
4	☐	50.000	55.571	547384.78	0.1387	P	1.2
5	☐	125.000	145.835	814247.38	0.2046	P	0.3
6	☐	250.000	258.504	1130333.57	0.2868	A	0.6
7	☐	500.000	514.127	1866142.38	0.4734	A	0.6
8	☐	1000.000	987.882	3179955.65	0.8192	A	0.6
9	☐			579145.12	0.1504	P	1.1

$$y = 7.2998\text{E-}004 * x + 0.0981$$

$$R = 0.9997$$

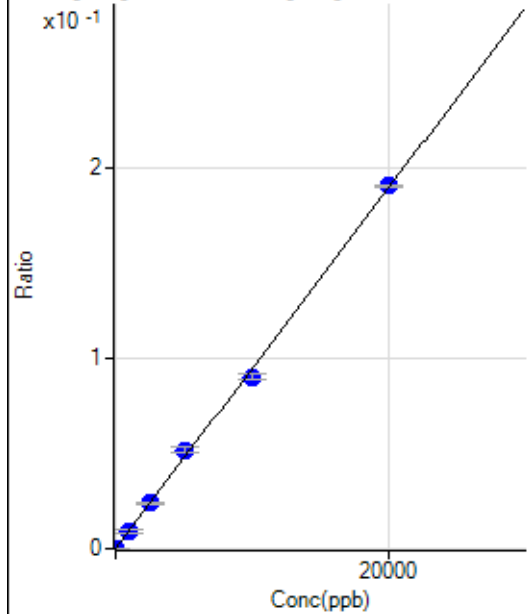
$$DL = 22.67$$

$$BEC = 134.4$$

Weight: <None>

Min Conc: 0

31 P [He] ISTD : 45 Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	4.865	5.55	0.0002	P	86.6
2	☐	0.000					
3	☐	0.000	-4.865	2.78	0.0001	P	173.
4	☐	1000.000	940.953	269.46	0.0091	P	18.4
5	☐	2500.000	2511.331	688.94	0.0240	P	7.0
6	☐	5000.000	5465.277	1514.04	0.0520	P	5.1
7	☐	10000.000	9523.335	2575.37	0.0905	P	2.7
8	☐	20000.000	20123.549	5359.60	0.1910	P	0.8
9	☐			11.11	0.0004	P	44.8

$$y = 9.4857\text{E-}006 * x + 1.4140\text{E-}004$$

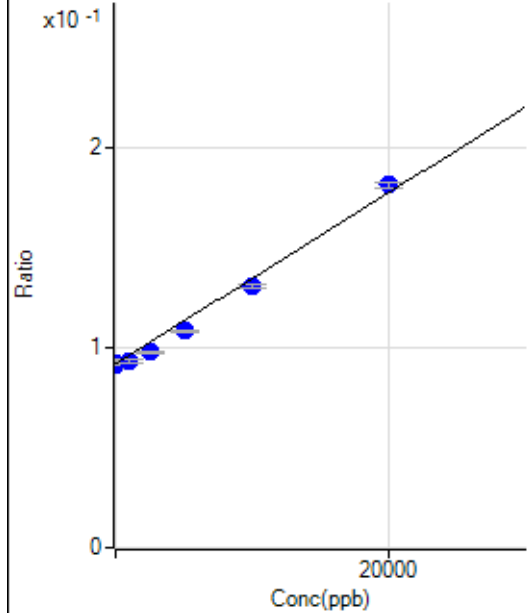
$$R = 0.9993$$

$$DL = 51.77$$

$$BEC = 14.91$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-131.150	352968.78	0.0915	P	4.8
2	☐	0.000					
3	☐	0.000	131.150	351552.90	0.0926	P	2.2
4	☐	1000.000	276.527	367942.41	0.0932	P	1.4
5	☐	2500.000	1363.764	389546.69	0.0979	P	1.1
6	☐	5000.000	3816.804	427138.13	0.1084	P	0.8
7	☐	10000.000	9144.364	517205.63	0.1312	P	1.2
8	☐	20000.000	20901.820	704811.09	0.1816	P	1.3
9	☐			305602.53	0.0794	P	1.9

$$y = 4.2846\text{E-}006 * x + 0.0920$$

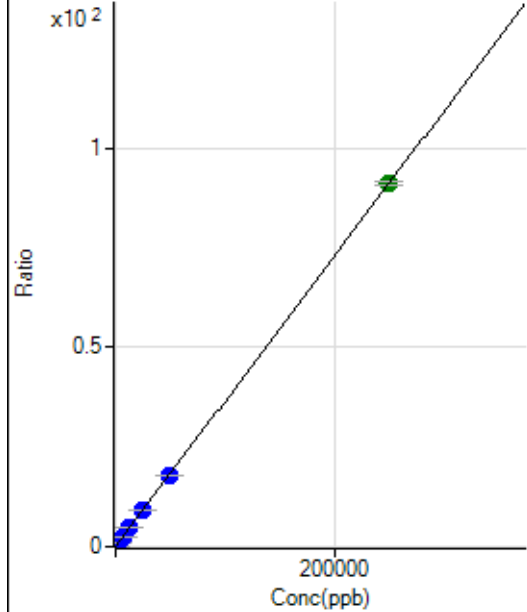
$$R = 0.9963$$

$$DL = 2265$$

$$BEC = 2.148\text{E}+04$$

Weight: <None>

Min Conc: 0

39 K [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1886.33	0.0635	P	4.3
2	☐	50.000					
3	☐	500.000	454.517	6696.32	0.2288	P	2.1
4	☐	2500.000	2575.507	29729.69	1.0001	P	1.4
5	☐	6250.000	6472.914	69466.27	2.4174	P	6.4
6	☐	12500.000	12639.155	135712.20	4.6597	P	0.4
7	☐	25000.000	25048.828	260987.52	9.1725	P	4.3
8	☐	50000.000	48940.384	501044.90	17.8607	P	1.6
9	☐	250000.00	250193.84	2506879.18	91.0463	A	1.2

$$y = 3.6365\text{E-}004 * x + 0.0635$$

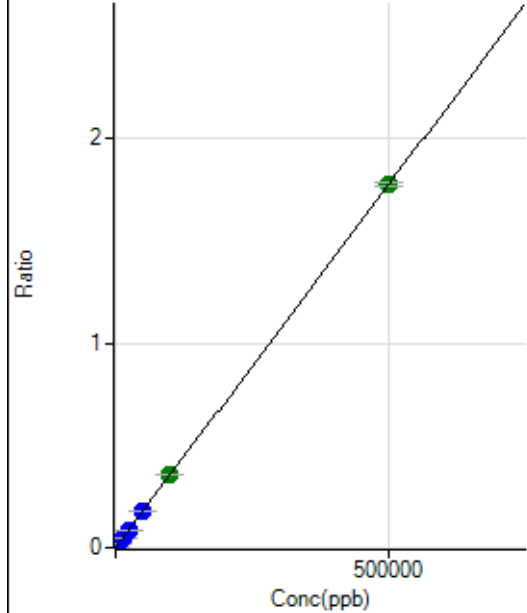
$$R = 1.0000$$

$$DL = 22.76$$

$$BEC = 174.7$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	866.73	0.0002	P	7.3
2	☐	50.000					
3	☐	500.000	476.290	7271.68	0.0019	P	2.1
4	☐	5000.000	5037.695	71429.66	0.0181	P	1.8
5	☐	12500.000	12402.293	176017.82	0.0442	P	1.0
6	☐	25000.000	24916.402	349258.11	0.0886	P	0.3
7	☐	50000.000	49388.655	691564.19	0.1754	P	0.1
8	☐	100000.00	100709.69	1387709.60	0.3575	A	0.3
9	☐	500000.00	499925.46	6828304.41	1.7738	A	1.0

$$y = 3.5476E-006 * x + 2.2439E-004$$

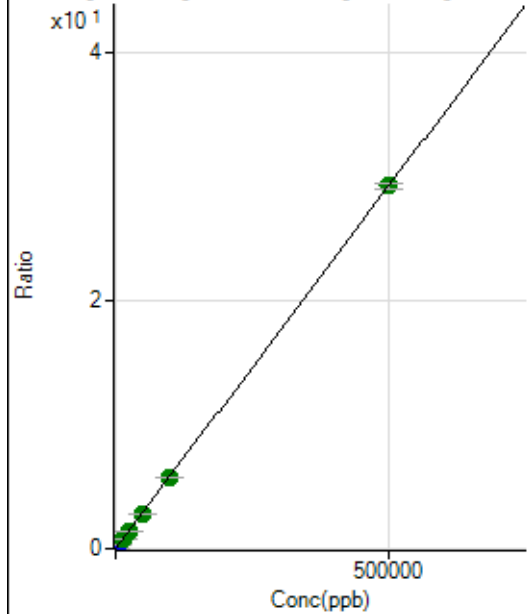
$$R = 1.0000$$

$$DL = 13.88$$

$$BEC = 63.25$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11288.37	0.0029	P	6.1
2	☐	50.000					
3	☐	500.000	454.848	111815.35	0.0295	P	2.9
4	☐	5000.000	4990.995	1160542.96	0.2940	P	1.0
5	☐	12500.000	12352.175	2879001.37	0.7233	A	0.5
6	☐	25000.000	24681.002	5684343.88	1.4423	A	0.2
7	☐	50000.000	48733.042	11215121.35	2.8450	A	0.9
8	☐	100000.00	98015.249	22199641.47	5.7191	A	0.3
9	☐	500000.00	500543.42	112378881.6	29.1944	A	1.7

$$y = 5.8320E-005 * x + 0.0029$$

$$R = 1.0000$$

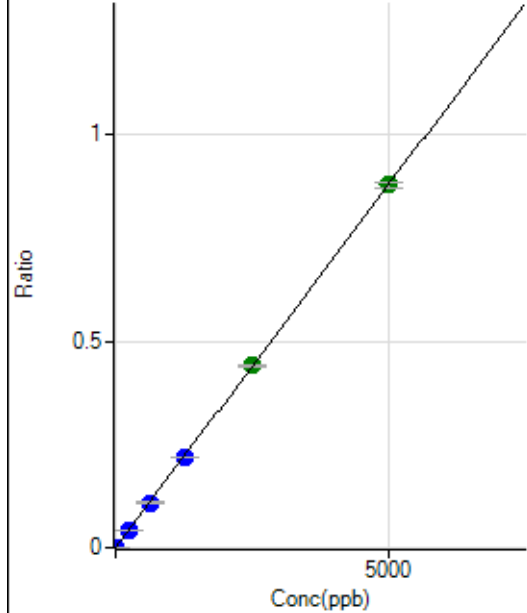
$$DL = 9.105$$

$$BEC = 50.16$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.12	0.0000	P	22.6
2	☐	0.500					
3	☐	5.000	4.557	3150.50	0.0008	P	3.3
4	☐	250.000	249.868	173461.18	0.0439	P	0.8
5	☐	625.000	622.177	435326.88	0.1094	P	1.1
6	☐	1250.000	1245.741	862953.54	0.2190	P	0.4
7	☐	2500.000	2505.459	1735852.90	0.4403	A	1.3
8	☐	5000.000	4998.695	3409843.91	0.8785	A	1.6
9	☐			1063.97	0.0003	P	11.9

$$y = 1.7574E-004 * x + 2.8959E-005$$

$$R = 1.0000$$

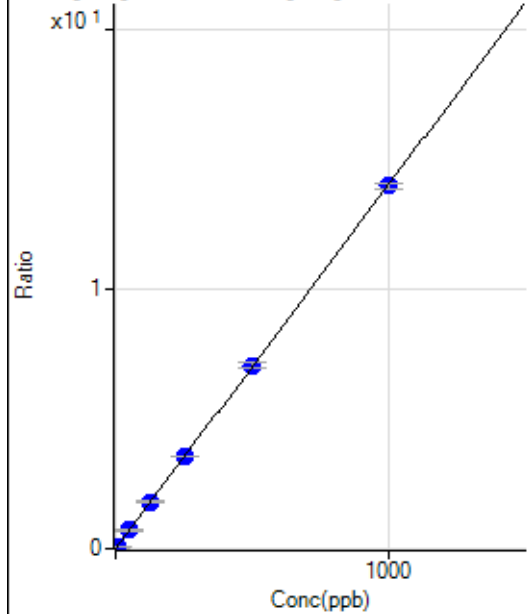
$$DL = 0.1116$$

$$BEC = 0.1648$$

Weight: <None>

Min Conc: 0

51 V [He] ISTD:45 Sc [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.45	0.0001	P	86.6
2	☐	0.500					
3	☐	5.000	4.431	1824.60	0.0623	P	5.9
4	☐	50.000	50.384	21021.56	0.7072	P	0.8
5	☐	125.000	129.200	52115.59	1.8132	P	5.8
6	☐	250.000	251.735	102887.55	3.5326	P	0.1
7	☐	500.000	504.120	201308.06	7.0742	P	3.8
8	☐	1000.000	996.965	392470.93	13.9900	P	1.2
9	☐			154.45	0.0056	P	10.6

$$y = 0.0140 * x + 1.4957E-004$$

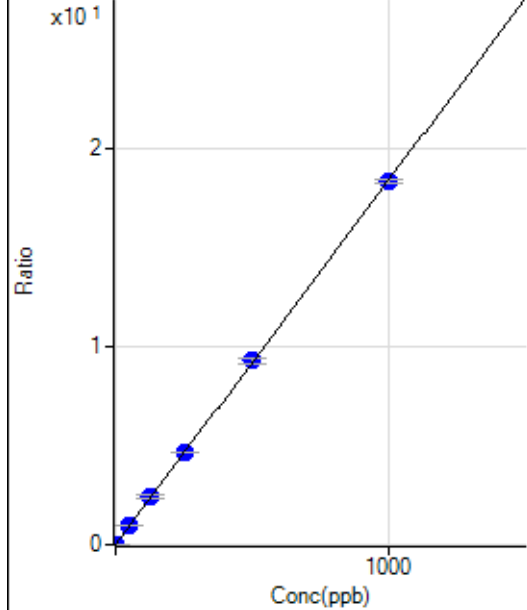
$$R = 1.0000$$

$$DL = 0.02769$$

$$BEC = 0.01066$$

Weight: <None>

Min Conc: 0

52 Cr [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	158.89	0.0053	P	14.6
2	☐	0.200					
3	☐	2.000	1.823	1138.95	0.0389	P	4.4
4	☐	50.000	51.236	28201.93	0.9487	P	1.1
5	☐	125.000	130.694	69260.45	2.4116	P	7.8
6	☐	250.000	251.931	135247.85	4.6438	P	0.8
7	☐	500.000	505.355	264943.19	9.3097	P	3.5
8	☐	1000.000	996.066	514636.83	18.3445	P	1.0
9	☐			23042.51	0.8369	P	2.0

$$y = 0.0184 * x + 0.0053$$

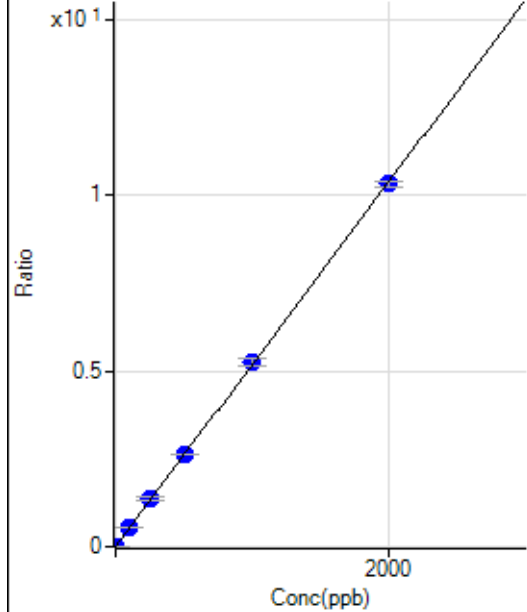
$$R = 1.0000$$

$$DL = 0.1273$$

$$BEC = 0.2904$$

Weight: <None>

Min Conc: 0

55 Mn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.89	0.0003	P	21.3
2	☐	0.100					
3	☐	1.000	0.976	156.67	0.0054	P	16.7
4	☐	100.000	101.497	15638.94	0.5261	P	0.5
5	☐	250.000	262.850	39114.79	1.3619	P	7.8
6	☐	500.000	505.604	76289.01	2.6194	P	0.7
7	☐	1000.000	1011.663	149120.54	5.2410	P	4.3
8	☐	2000.000	1991.086	289358.59	10.3146	P	1.4
9	☐			1321.20	0.0479	P	6.5

$$y = 0.0052 * x + 2.9919E-004$$

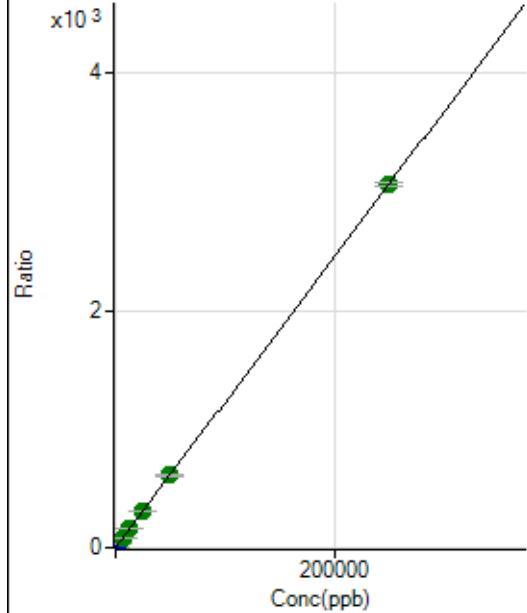
$$R = 1.0000$$

$$DL = 0.03698$$

$$BEC = 0.05776$$

Weight: <None>

Min Conc: 0

56 Fe [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	698.19	0.0235	P	14.9
2	☐	5.000					
3	☐	50.000	45.828	17103.46	0.5844	P	0.9
4	☐	2500.000	2548.746	927929.62	31.2150	P	0.4
5	☐	6250.000	6643.050	2337043.80	81.3211	A	6.3
6	☐	12500.000	12808.260	4565822.26	156.7709	A	0.6
7	☐	25000.000	25336.736	8824750.31	310.0943	A	3.6
8	☐	50000.000	49892.180	17130015.78	610.6037	A	0.9
9	☐	250000.00	249962.16	84228016.70	3,059.058	A	1.2

$$y = 0.0122 * x + 0.0235$$

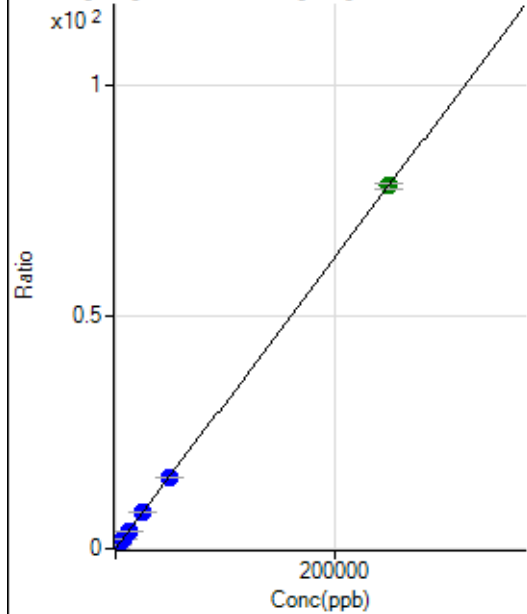
$$R = 1.0000$$

$$DL = 0.8613$$

$$BEC = 1.921$$

Weight: <None>

Min Conc: 0

57 Fe [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	29.63	0.0010	P	28.9
2	☐	5.000					
3	☐	50.000	50.464	490.76	0.0168	P	17.4
4	☐	2500.000	2493.166	23190.16	0.7801	P	0.5
5	☐	6250.000	6449.211	57928.13	2.0163	P	7.2
6	☐	12500.000	12528.726	114053.49	3.9161	P	0.7
7	☐	25000.000	25070.778	222997.04	7.8354	P	3.3
8	☐	50000.000	49326.662	432452.29	15.4152	P	1.2
9	☐	250000.00	250121.24	2152074.85	78.1619	A	1.4

$$y = 3.1249E-004 * x + 9.9805E-004$$

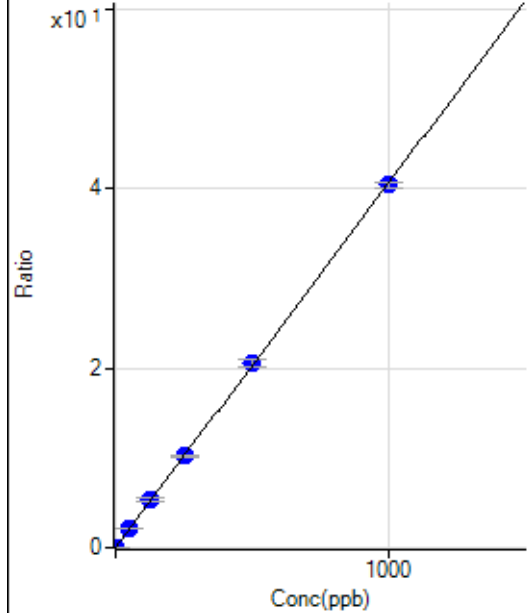
$$R = 1.0000$$

$$DL = 2.771$$

$$BEC = 3.194$$

Weight: <None>

Min Conc: 0

59 Co [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	40.00	0.0013	P	8.3
2	☐	0.100					
3	☐	1.000	0.972	1193.40	0.0408	P	5.0
4	☐	50.000	51.237	61798.49	2.0789	P	0.5
5	☐	125.000	130.516	152019.03	5.2935	P	7.9
6	☐	250.000	251.455	296983.49	10.1972	P	0.9
7	☐	500.000	506.976	584926.93	20.5580	P	4.4
8	☐	1000.000	995.397	1132297.48	40.3624	P	1.4
9	☐			13934.96	0.5062	P	2.4

$$y = 0.0405 * x + 0.0013$$

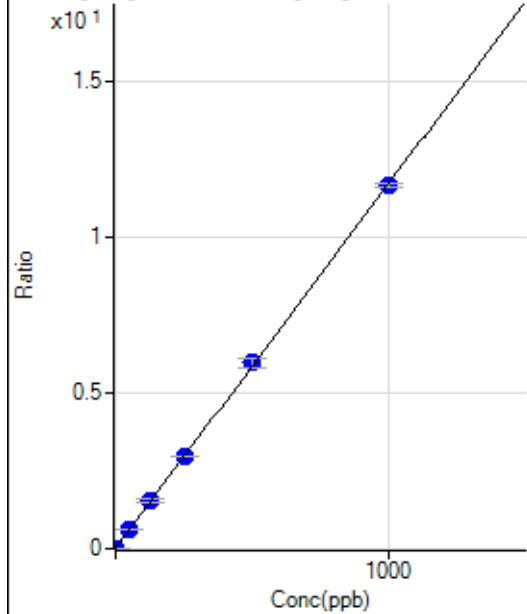
$$R = 1.0000$$

$$DL = 0.008241$$

$$BEC = 0.03321$$

Weight: <None>

Min Conc: 0

60 Ni [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	404.46	0.0136	P	7.8
2	☐	0.100					
3	☐	1.000	0.983	735.59	0.0251	P	1.2
4	☐	50.000	51.057	18176.52	0.6114	P	2.1
5	☐	125.000	132.925	45081.95	1.5700	P	8.2
6	☐	250.000	252.110	86365.55	2.9655	P	0.8
7	☐	500.000	508.110	169662.23	5.9629	P	4.3
8	☐	1000.000	994.374	327005.19	11.6563	P	1.1
9	☐			12046.48	0.4375	P	1.1

$$y = 0.0117 * x + 0.0136$$

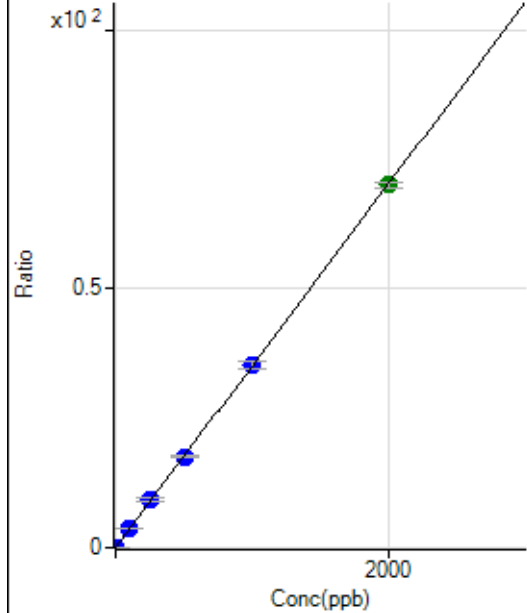
$$R = 0.9999$$

$$DL = 0.2738$$

$$BEC = 1.163$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	115.56	0.0039	P	18.0
2	☐	0.200					
3	☐	2.000	1.920	2089.08	0.0714	P	2.5
4	☐	100.000	102.446	107187.23	3.6057	P	0.8
5	☐	250.000	262.160	264857.52	9.2211	P	7.5
6	☐	500.000	501.617	513743.36	17.6400	P	1.0
7	☐	1000.000	1006.685	1007278.15	35.3975	P	3.8
8	☐	2000.000	1994.611	1967414.88	70.1315	A	1.4
9	☐			4096.24	0.1487	P	1.9

$$y = 0.0352 * x + 0.0039$$

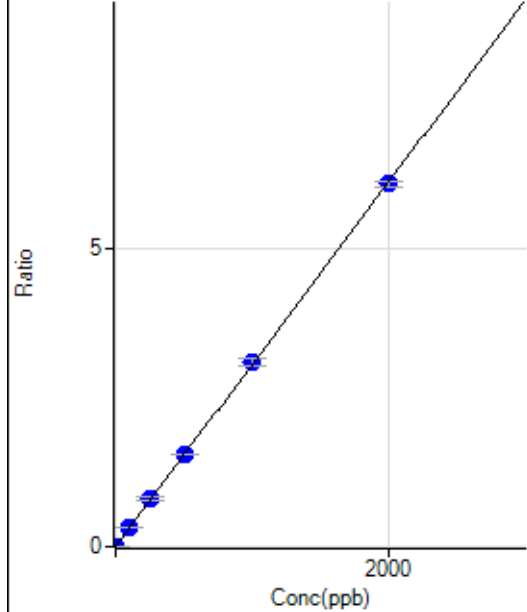
$$R = 1.0000$$

$$DL = 0.05973$$

$$BEC = 0.1106$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	40.00	0.0013	P	43.1
2	☐	0.200					
3	☐	2.000	2.033	221.11	0.0076	P	18.6
4	☐	100.000	102.119	9316.62	0.3134	P	2.0
5	☐	250.000	261.159	22950.34	0.7994	P	8.6
6	☐	500.000	506.671	45131.12	1.5496	P	0.5
7	☐	1000.000	1011.383	87982.38	3.0919	P	3.9
8	☐	2000.000	1991.140	170721.02	6.0858	P	1.9
9	☐			1045.62	0.0380	P	4.1

$$y = 0.0031 * x + 0.0013$$

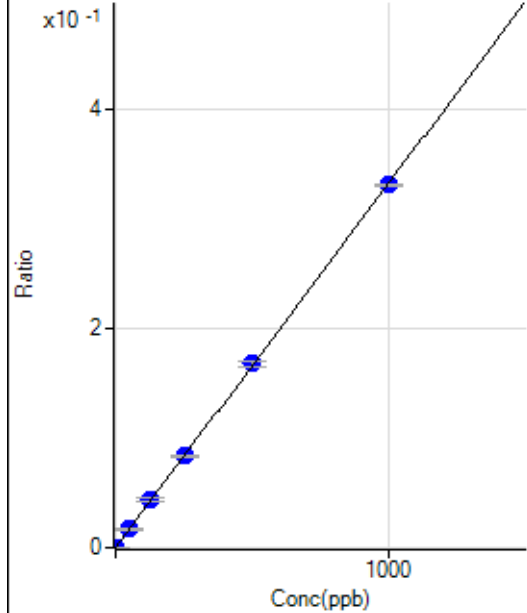
$$R = 1.0000$$

$$DL = 0.5692$$

$$BEC = 0.4403$$

Weight: <None>

Min Conc: 0

75 As [He] ISTD:89 Y [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.23	0.0000	P	86.6
2	☐	0.100					
3	☐	1.000	0.951	64.82	0.0003	P	0.1
4	☐	50.000	50.412	3457.88	0.0168	P	1.5
5	☐	125.000	131.600	8605.84	0.0438	P	7.3
6	☐	250.000	252.005	16987.66	0.0838	P	1.6
7	☐	500.000	504.453	33337.01	0.1678	P	3.1
8	☐	1000.000	996.427	64958.47	0.3314	P	0.9
9	☐			113.58	0.0006	P	29.9

$$y = 3.3257\text{E-}004 * x + 6.0211\text{E-}006$$

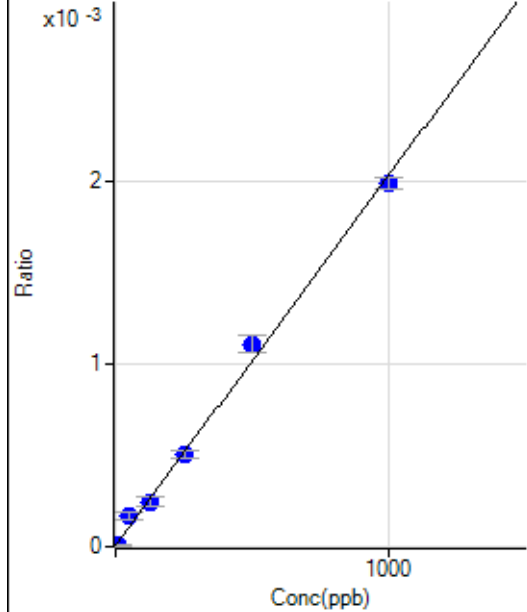
$$R = 1.0000$$

$$DL = 0.04704$$

$$BEC = 0.0181$$

Weight: <None>

Min Conc: 0

77 Se [He] ISTD:89 Y [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	0.006	1.11	0.0000	P	173.
4	☐	50.000	82.415	35.56	0.0002	P	24.6
5	☐	125.000	119.345	48.89	0.0002	P	23.9
6	☐	250.000	245.930	102.23	0.0005	P	8.6
7	☐	500.000	544.656	221.12	0.0011	P	8.2
8	☐	1000.000	977.800	390.01	0.0020	P	3.1
9	☐			1.11	0.0000	P	173.

$$y = 2.0292\text{E-}006 * x + 5.5142\text{E-}006$$

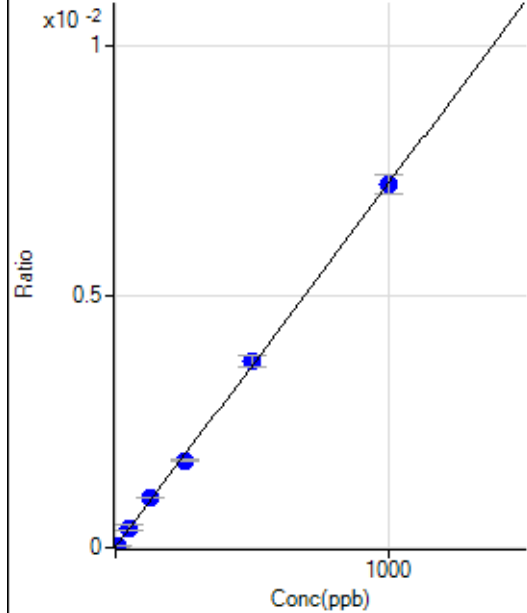
$$R = 0.9979$$

$$DL = 14.12$$

$$BEC = 2.717$$

Weight: <None>

Min Conc: 0

78 Se [He] ISTD:89 Y [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.85	0.0000	P	1.0
2	☐	0.500					
3	☐	5.000	3.411	6.79	0.0000	P	56.8
4	☐	50.000	54.040	82.72	0.0004	P	28.0
5	☐	125.000	135.427	195.07	0.0010	P	2.1
6	☐	250.000	238.493	351.86	0.0017	P	2.6
7	☐	500.000	510.406	736.45	0.0037	P	6.5
8	☐	1000.000	996.176	1416.13	0.0072	P	5.3
9	☐			2.47	0.0000	P	44.1

$$y = 7.2423\text{E-}006 * x + 9.0846\text{E-}006$$

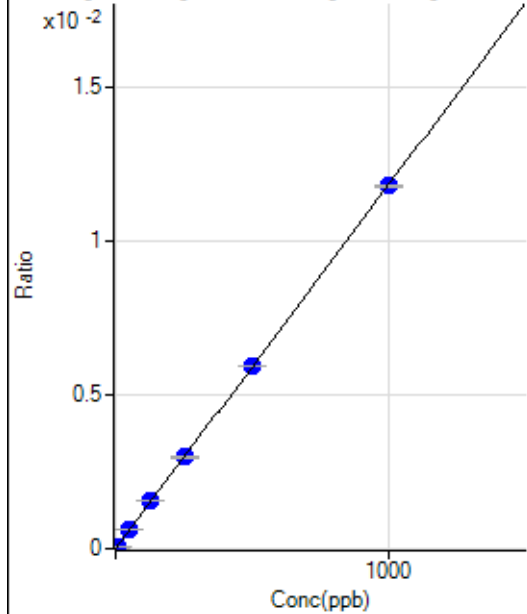
$$R = 0.9998$$

$$DL = 0.038$$

$$BEC = 1.254$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-47.99	0.0000	P	-46.
2	☐	0.500					
3	☐	5.000	5.035	368.28	0.0001	P	3.4
4	☐	50.000	52.156	4375.20	0.0006	P	2.1
5	☐	125.000	129.771	10974.00	0.0015	P	0.2
6	☐	250.000	252.105	21516.94	0.0030	P	1.6
7	☐	500.000	502.257	43035.71	0.0059	P	0.2
8	☐	1000.000	997.641	84711.63	0.0118	P	0.2
9	☐			151.40	0.0000	P	44.7

$$y = 1.1828\text{E-}005 * x - 6.8776\text{E-}006$$

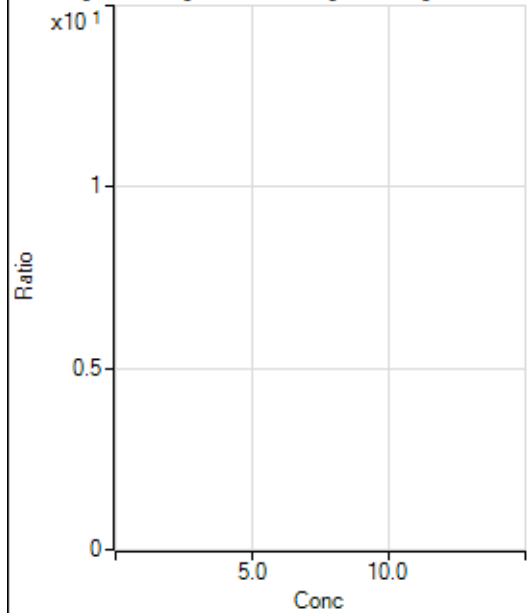
$$R = 1.0000$$

$$DL = 0.8158$$

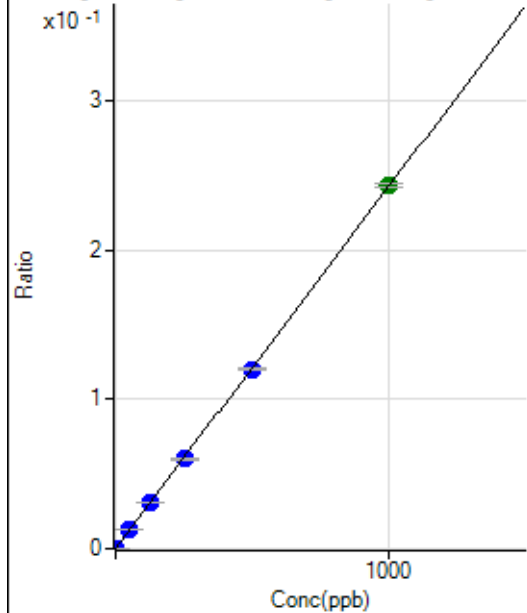
$$BEC = -0.5814$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] ISTD:89 Y [No Gas] No av_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			286.67	0.0000	P	6.1
2	☐						
3	☐			258.90	0.0000	P	16.6
4	☐			251.12	0.0000	P	5.1
5	☐			210.01	0.0000	P	15.9
6	☐			267.79	0.0000	P	14.5
7	☐			278.90	0.0000	P	5.5
8	☐			258.89	0.0000	P	18.4
9	☐			225.56	0.0000	P	23.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	419.47	0.0001	P	16.9
2	☐	0.100					
3	☐	1.000	0.985	2086.38	0.0003	P	8.3
4	☐	50.000	50.552	88197.63	0.0123	P	0.4
5	☐	125.000	125.580	218725.04	0.0305	P	1.1
6	☐	250.000	248.373	435238.90	0.0602	P	1.7
7	☐	500.000	494.928	869278.54	0.1199	P	1.2
8	☐	1000.000	1002.843	1743993.20	0.2428	A	0.9
9	☐			57700.52	0.0082	P	1.8

$$y = 2.4206E-004 * x + 6.0308E-005$$

$$R = 1.0000$$

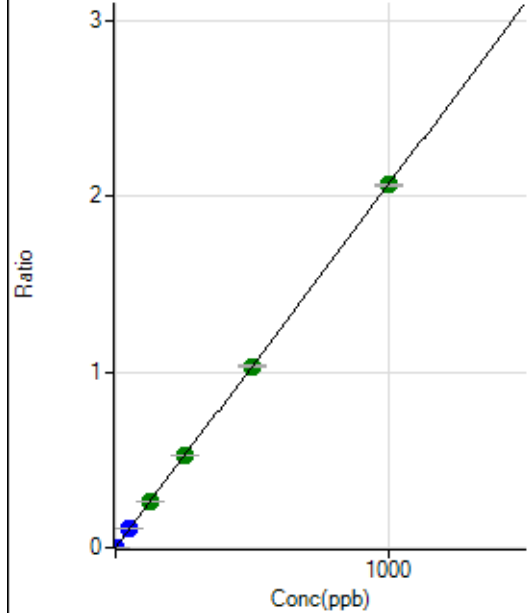
$$DL = 0.1266$$

$$BEC = 0.2491$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0000	P	10.4
2	☐	0.100					
3	☐	1.000	0.926	13460.01	0.0019	P	6.8
4	☐	50.000	51.063	755827.32	0.1054	P	1.2
5	☐	125.000	129.309	1916397.09	0.2669	A	0.3
6	☐	250.000	253.008	3776261.20	0.5221	A	0.7
7	☐	500.000	498.881	7466353.21	1.0295	A	1.1
8	☐	1000.000	999.216	14810808.66	2.0620	A	0.6
9	☐			499094.89	0.0711	P	1.2

$$y = 0.0021 * x + 1.6704E-005$$

$$R = 1.0000$$

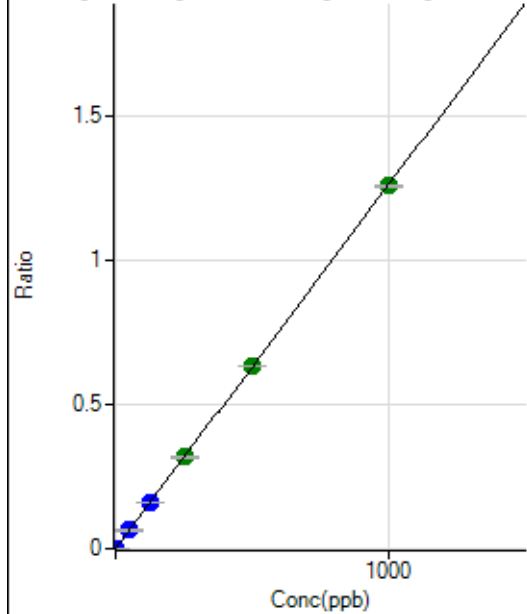
$$DL = 0.002522$$

$$BEC = 0.008095$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	502.81	0.0001	P	10.5
2	☐	0.100					
3	☐	1.000	0.918	8586.39	0.0012	P	2.5
4	☐	50.000	50.404	455840.22	0.0636	P	1.0
5	☐	125.000	128.189	1159959.83	0.1615	P	1.0
6	☐	250.000	252.065	2296660.08	0.3176	A	1.2
7	☐	500.000	503.400	4598904.57	0.6341	A	0.5
8	☐	1000.000	997.365	9023821.64	1.2563	A	0.7
9	☐			2497.57	0.0004	P	12.1

$$y = 0.0013 * x + 7.2271E-005$$

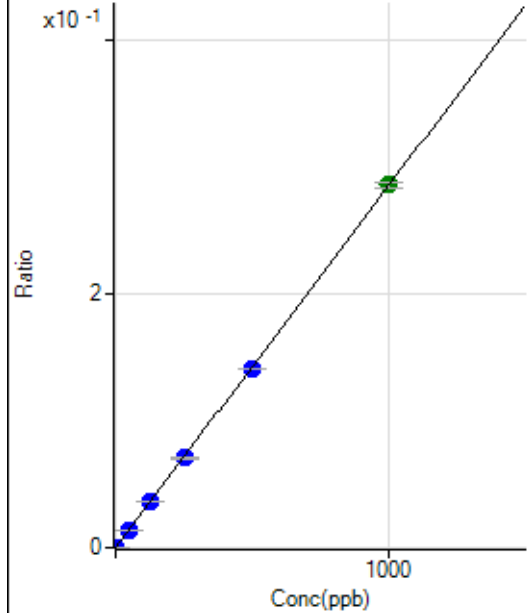
$$R = 1.0000$$

$$DL = 0.01803$$

$$BEC = 0.05738$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.89	0.0000	P	15.8
2	☐	0.100					
3	☐	1.000	0.933	1925.22	0.0003	P	4.4
4	☐	50.000	49.482	101345.22	0.0141	P	1.9
5	☐	125.000	126.037	258386.41	0.0360	P	0.8
6	☐	250.000	247.534	511038.19	0.0707	P	0.8
7	☐	500.000	494.701	1024050.49	0.1412	P	0.6
8	☐	1000.000	1003.163	2056499.05	0.2863	A	1.4
9	☐			588.93	0.0001	P	14.9

$$y = 2.8541\text{E-}004 * x + 9.1093\text{E-}006$$

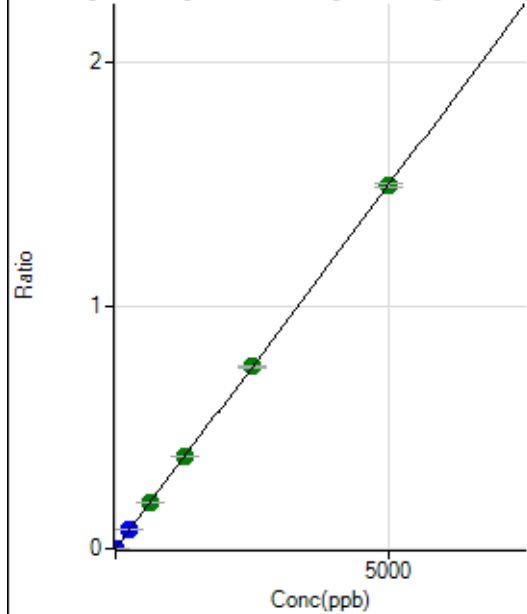
$$R = 1.0000$$

$$DL = 0.01515$$

$$BEC = 0.03192$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	255.57	0.0000	P	11.9
2	☐	0.500					
3	☐	5.000	4.589	9845.60	0.0014	P	2.9
4	☐	250.000	255.741	548914.34	0.0765	P	0.3
5	☐	625.000	645.298	1386370.25	0.1931	A	0.6
6	☐	1250.000	1269.718	2746960.56	0.3798	A	1.6
7	☐	2500.000	2505.779	5435993.83	0.7496	A	0.6
8	☐	5000.000	4989.357	10719410.74	1.4924	A	1.2
9	☐			14825.37	0.0021	P	3.7

$$y = 2.9911\text{E-}004 * x + 3.6750\text{E-}005$$

$$R = 1.0000$$

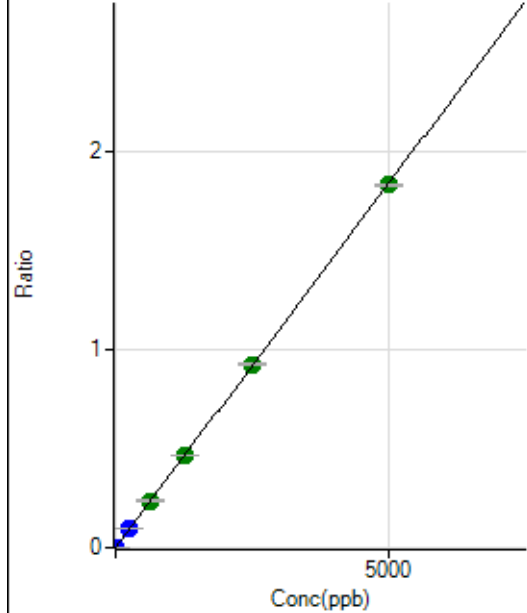
$$DL = 0.04385$$

$$BEC = 0.1229$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.78	0.0000	P	26.7
2	☐	0.500					
3	☐	5.000	4.489	11641.56	0.0017	P	2.9
4	☐	250.000	253.389	667278.03	0.0930	P	0.8
5	☐	625.000	646.499	1704469.42	0.2374	A	0.7
6	☐	1250.000	1270.286	3372846.04	0.4663	A	1.0
7	☐	2500.000	2518.175	6704486.87	0.9245	A	0.5
8	☐	5000.000	4982.985	13139285.53	1.8293	A	0.7
9	☐			23938.66	0.0034	P	4.4

$$y = 3.6710E-004 * x + 1.8354E-005$$

$$R = 1.0000$$

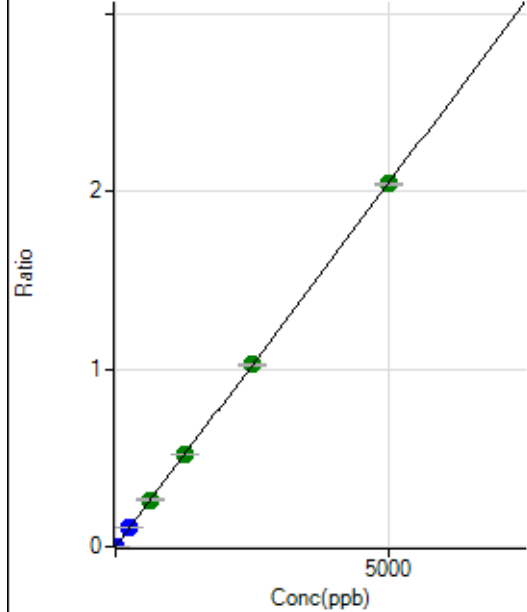
$$DL = 0.04008$$

$$BEC = 0.05$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	211.12	0.0000	P	42.7
2	☐	0.500					
3	☐	5.000	4.502	13076.32	0.0019	P	0.9
4	☐	250.000	253.406	743379.56	0.1037	P	0.9
5	☐	625.000	647.202	1900542.36	0.2647	A	1.9
6	☐	1250.000	1268.199	3750877.16	0.5186	A	0.5
7	☐	2500.000	2502.935	7422856.76	1.0235	A	0.3
8	☐	5000.000	4991.038	14659542.17	2.0409	A	0.4
9	☐			27475.90	0.0039	P	4.5

$$y = 4.0891E-004 * x + 3.0666E-005$$

$$R = 1.0000$$

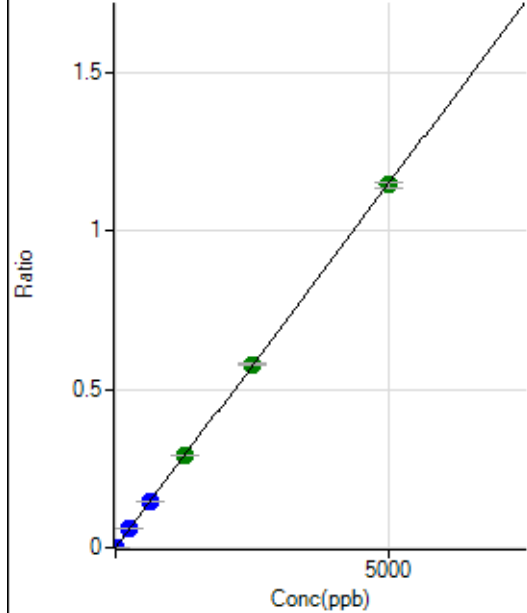
$$DL = 0.09617$$

$$BEC = 0.07499$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	152.79	0.0000	P	34.9
2	☐	0.500					
3	☐	5.000	4.557	7463.53	0.0011	P	1.4
4	☐	250.000	253.642	417684.27	0.0582	P	1.4
5	☐	625.000	641.225	1057009.89	0.1472	P	1.2
6	☐	1250.000	1266.457	2102413.20	0.2907	A	1.6
7	☐	2500.000	2516.409	4188859.90	0.5776	A	1.2
8	☐	5000.000	4985.471	8218953.91	1.1443	A	1.3
9	☐			15412.26	0.0022	P	5.0

$$y = 2.2952E-004 * x + 2.2122E-005$$

$$R = 1.0000$$

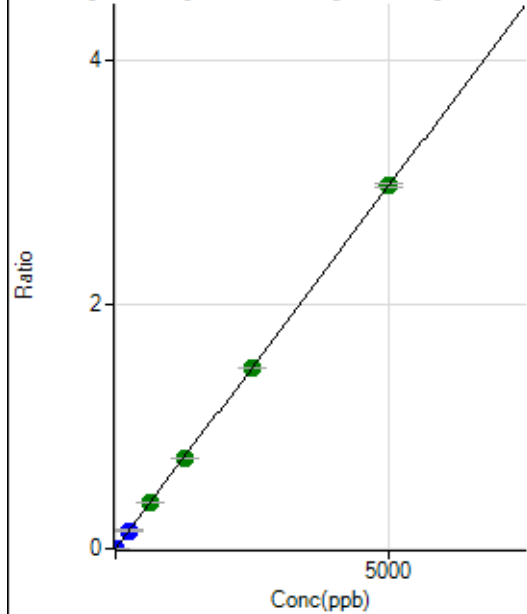
$$DL = 0.1009$$

$$BEC = 0.09638$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	213.90	0.0000	P	42.5
2	☐	0.500					
3	☐	5.000	4.575	19217.13	0.0027	P	1.1
4	☐	250.000	251.035	1070012.01	0.1492	P	1.6
5	☐	625.000	639.533	2729175.60	0.3801	A	1.0
6	☐	1250.000	1251.975	5380783.93	0.7440	A	1.1
7	☐	2500.000	2489.028	10726840.17	1.4791	A	0.4
8	☐	5000.000	5003.124	21353976.87	2.9730	A	1.1
9	☐			38815.04	0.0055	P	5.0

$$y = 5.9422E-004 * x + 3.1054E-005$$

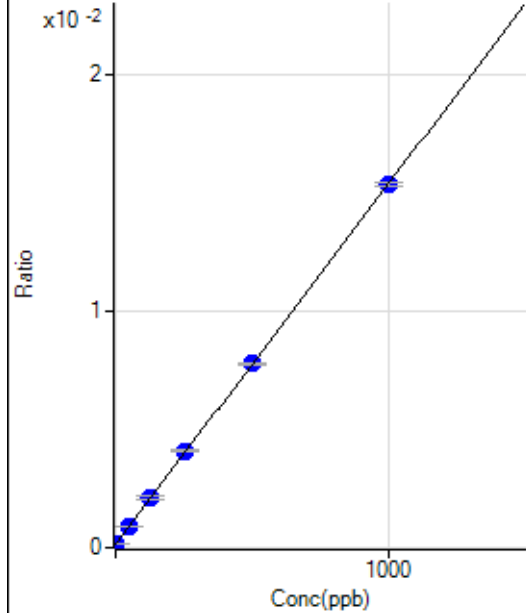
$$R = 1.0000$$

$$DL = 0.06669$$

$$BEC = 0.05226$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1302.91	0.0001	P	9.8
2	☐	0.100					
3	☐	1.000	1.436	1464.05	0.0002	P	11.2
4	☐	50.000	50.993	8314.00	0.0009	P	1.8
5	☐	125.000	128.651	19206.18	0.0021	P	4.6
6	☐	250.000	259.165	37570.12	0.0041	P	2.4
7	☐	500.000	501.568	72768.79	0.0078	P	1.3
8	☐	1000.000	996.418	142810.22	0.0153	P	1.1
9	☐			1289.01	0.0001	P	7.9

$$y = 1.5225\text{E-}005 * x + 1.4764\text{E-}004$$

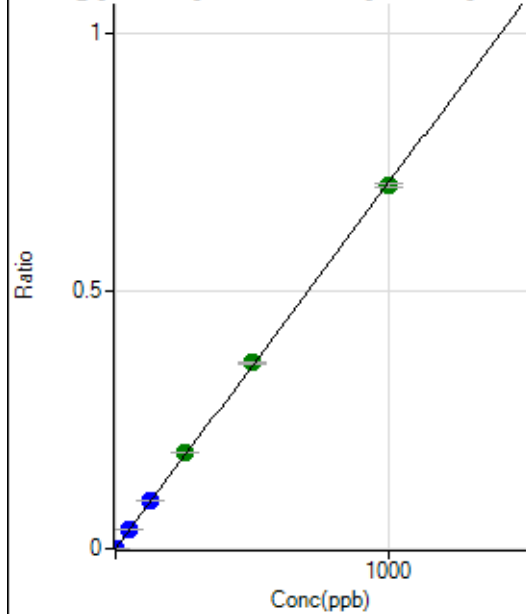
$$R = 1.0000$$

$$DL = 2.85$$

$$BEC = 9.697$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	55.56	0.0000	P	11.6
2	☐	0.100					
3	☐	1.000	0.971	6001.64	0.0007	P	3.1
4	☐	50.000	53.436	340511.86	0.0379	P	2.0
5	☐	125.000	131.930	851918.31	0.0935	P	1.5
6	☐	250.000	262.502	1706700.71	0.1859	A	1.0
7	☐	500.000	507.499	3360642.30	0.3595	A	0.8
8	☐	1000.000	992.087	6551493.72	0.7027	A	1.0
9	☐			975.09	0.0001	P	7.4

$$y = 7.0832\text{E-}004 * x + 6.3223\text{E-}006$$

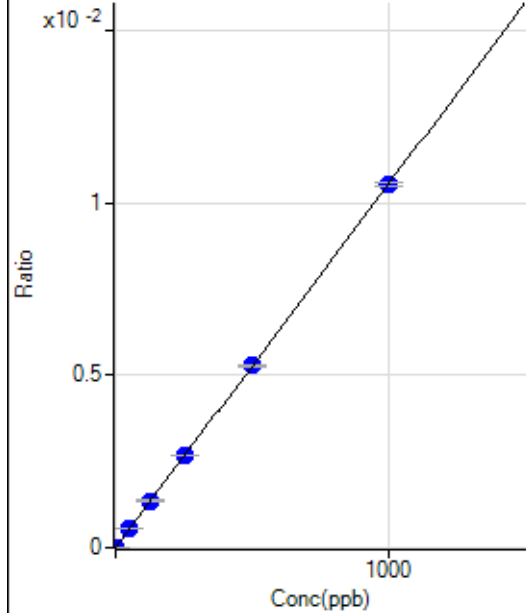
$$R = 0.9999$$

$$DL = 0.003111$$

$$BEC = 0.008926$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2.78	0.0000	P	86.8
2	☐	0.100					
3	☐	1.000	1.001	94.45	0.0000	P	40.4
4	☐	50.000	54.504	5173.34	0.0006	P	3.2
5	☐	125.000	129.511	12453.16	0.0014	P	3.0
6	☐	250.000	254.517	24640.85	0.0027	P	1.2
7	☐	500.000	499.983	49302.51	0.0053	P	0.4
8	☐	1000.000	998.090	98145.49	0.0105	P	1.1
9	☐			33.34	0.0000	P	23.3

$$y = 1.0547\text{E-}005 * x + 3.2064\text{E-}007$$

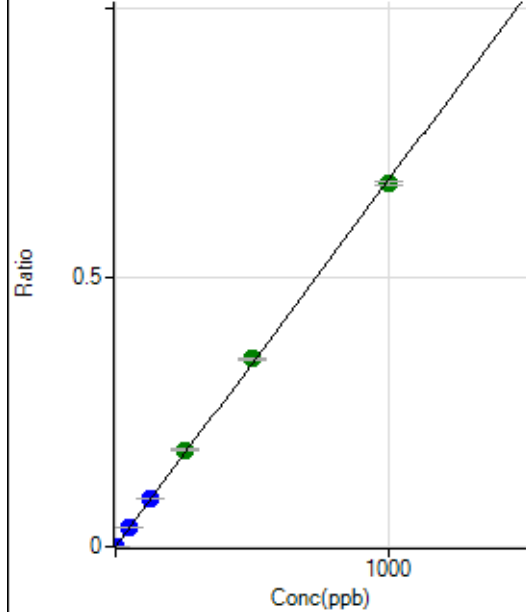
$$R = 1.0000$$

$$DL = 0.07917$$

$$BEC = 0.0304$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	30.56	0.0000	P	61.7
2	☐	0.100					
3	☐	1.000	1.023	6048.85	0.0007	P	1.1
4	☐	50.000	53.112	325283.72	0.0362	P	1.1
5	☐	125.000	131.518	816203.92	0.0895	P	1.0
6	☐	250.000	263.945	1649051.14	0.1797	A	1.9
7	☐	500.000	511.911	3257958.06	0.3485	A	0.4
8	☐	1000.000	989.588	6280562.12	0.6737	A	0.9
9	☐			883.41	0.0001	P	13.3

$$y = 6.8075\text{E-}004 * x + 3.5342\text{E-}006$$

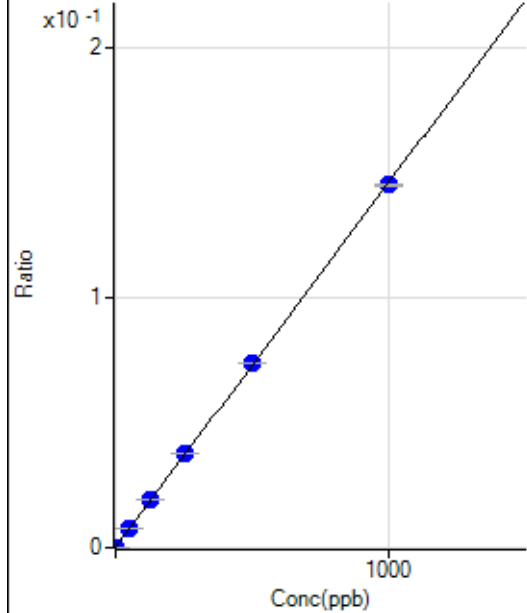
$$R = 0.9998$$

$$DL = 0.009613$$

$$BEC = 0.005192$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	923.98	0.0001	P	9.9
2	☐	0.100					
3	☐	1.000	0.975	2132.41	0.0002	P	7.5
4	☐	50.000	52.756	70102.16	0.0078	P	1.6
5	☐	125.000	130.740	174646.38	0.0192	P	1.6
6	☐	250.000	257.893	345925.28	0.0377	P	0.9
7	☐	500.000	506.034	690438.31	0.0739	P	0.4
8	☐	1000.000	994.154	1351769.03	0.1450	P	0.6
9	☐			1248.43	0.0001	P	9.9

$$y = 1.4574\text{E-}004 * x + 1.0467\text{E-}004$$

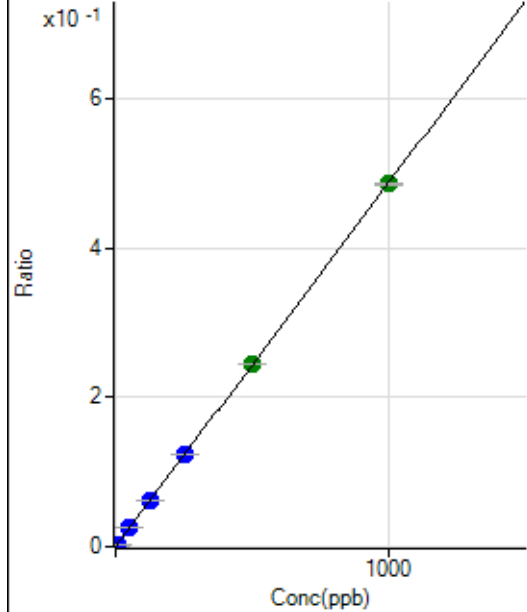
$$R = 0.9999$$

$$DL = 0.2137$$

$$BEC = 0.7182$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	852.85	0.0001	P	8.3
2	☐	0.500					
3	☐	5.000	4.600	20218.91	0.0023	P	3.6
4	☐	50.000	51.092	224967.17	0.0250	P	0.6
5	☐	125.000	127.909	569434.60	0.0625	P	0.8
6	☐	250.000	253.487	1135227.55	0.1237	P	1.1
7	☐	500.000	501.908	2288703.13	0.2448	A	0.3
8	☐	1000.000	997.758	4536379.36	0.4866	A	0.5
9	☐			7791.50	0.0008	P	3.4

$$y = 4.8757\text{E-}004 * x + 9.6773\text{E-}005$$

$$R = 1.0000$$

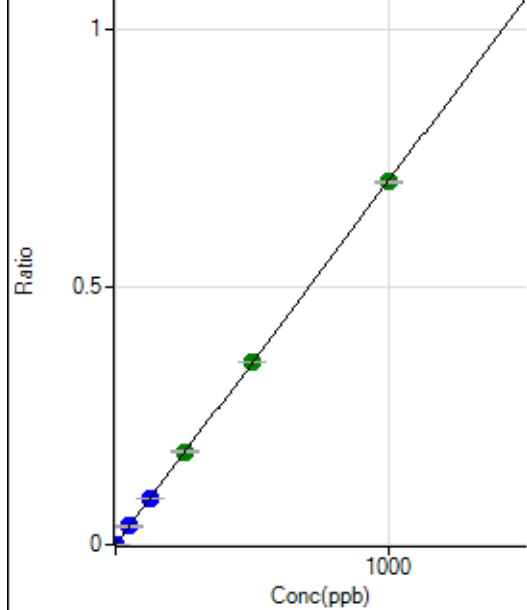
$$DL = 0.04966$$

$$BEC = 0.1985$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	530.59	0.0001	P	31.5
2	☐	0.200					
3	☐	2.000	1.897	12119.91	0.0014	P	1.2
4	☐	50.000	50.539	322007.91	0.0358	P	2.0
5	☐	125.000	126.839	818177.96	0.0898	P	1.3
6	☐	250.000	256.040	1662397.89	0.1811	A	0.5
7	☐	500.000	502.361	3321587.01	0.3553	A	0.5
8	☐	1000.000	997.053	6573810.35	0.7051	A	0.4
9	☐			22169.23	0.0024	P	5.7

$$y = 7.0713\text{E-}004 * x + 6.0804\text{E-}005$$

$$R = 1.0000$$

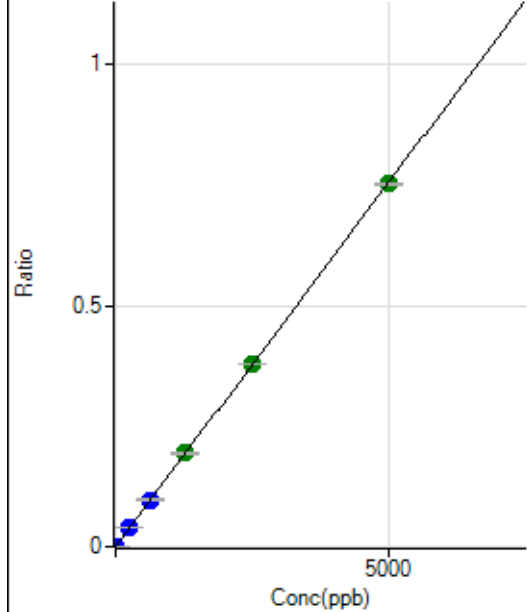
$$DL = 0.08132$$

$$BEC = 0.08599$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.89	0.0000	P	36.6
2	☐	1.000					
3	☐	10.000	9.570	12503.68	0.0014	P	2.7
4	☐	250.000	255.766	347454.26	0.0386	P	1.5
5	☐	625.000	642.969	885154.76	0.0971	P	1.5
6	☐	1250.000	1288.400	1785758.44	0.1946	A	1.4
7	☐	2500.000	2509.226	3542610.19	0.3789	A	0.4
8	☐	5000.000	4983.253	7016305.45	0.7526	A	0.4
9	☐			2425.34	0.0003	P	6.6

$$y = 1.5102\text{E-}004 * x + 1.5866\text{E-}006$$

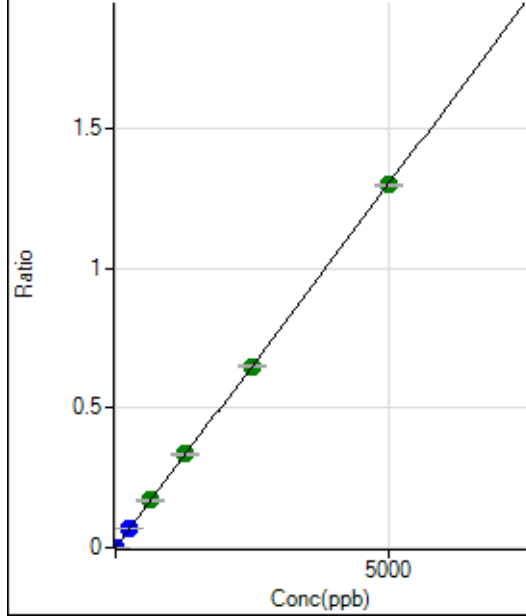
$$R = 1.0000$$

$$DL = 0.01153$$

$$BEC = 0.01051$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	69.45	0.0000	P	34.9
2	☐	1.000					
3	☐	10.000	9.534	21526.66	0.0025	P	2.0
4	☐	250.000	258.962	606563.42	0.0674	P	1.4
5	☐	625.000	650.997	1545156.80	0.1695	A	1.3
6	☐	1250.000	1282.810	3065532.04	0.3340	A	0.8
7	☐	2500.000	2498.676	6081993.32	0.6506	A	0.5
8	☐	5000.000	4988.763	12109586.56	1.2989	A	0.5
9	☐			4178.64	0.0005	P	2.6

$$y = 2.6036E-004 * x + 7.9605E-006$$

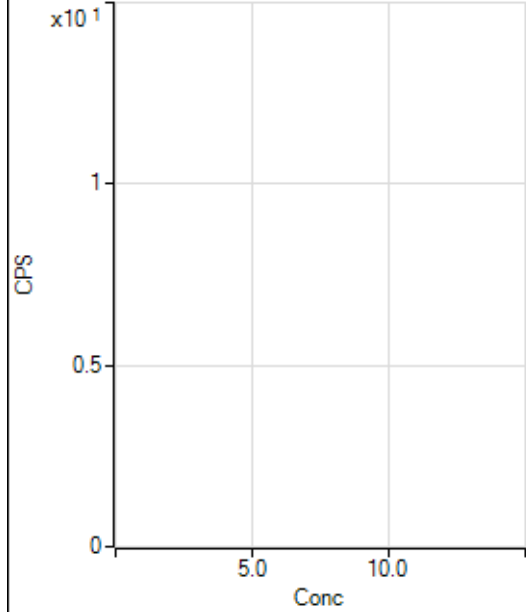
$$R = 1.0000$$

$$DL = 0.032$$

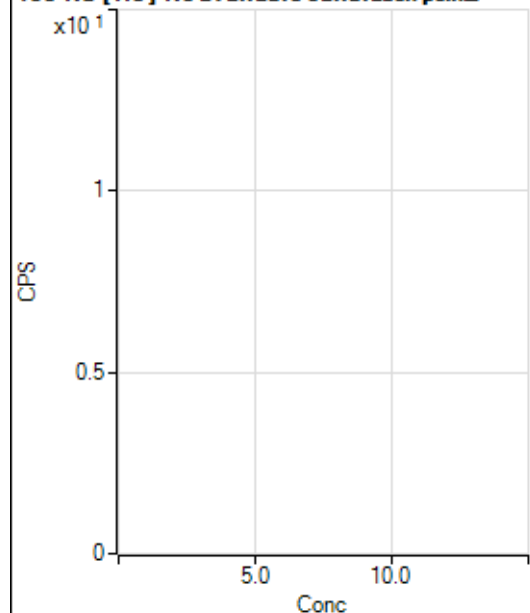
$$BEC = 0.03058$$

Weight: <None>

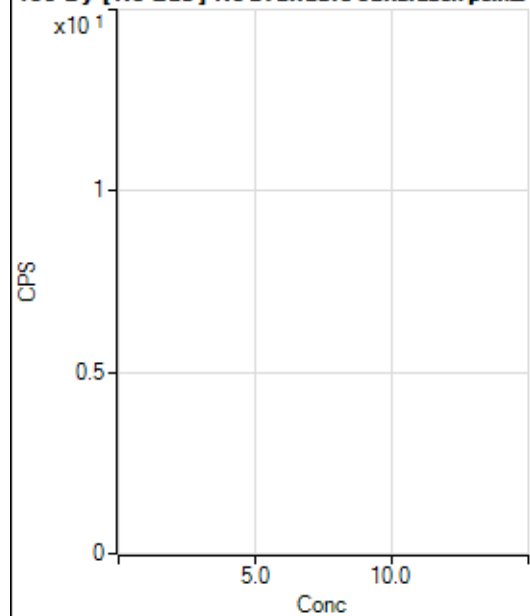
Min Conc: 0

150 Nd [No Gas] No available calibration points

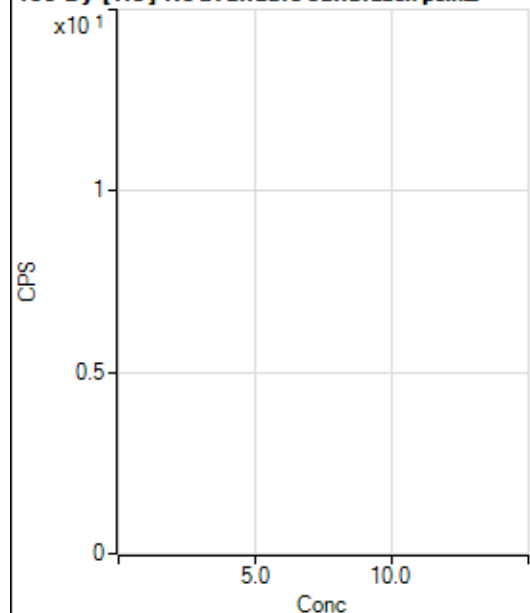
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	114.
2	☐						
3	☐			8.89		P	43.3
4	☐			17.78		P	78.1
5	☐			55.56		P	36.7
6	☐			75.56		P	10.2
7	☐			153.34		P	15.7
8	☐			282.24		P	1.4
9	☐			95.56		P	8.1

150 Nd [He] No available calibration points

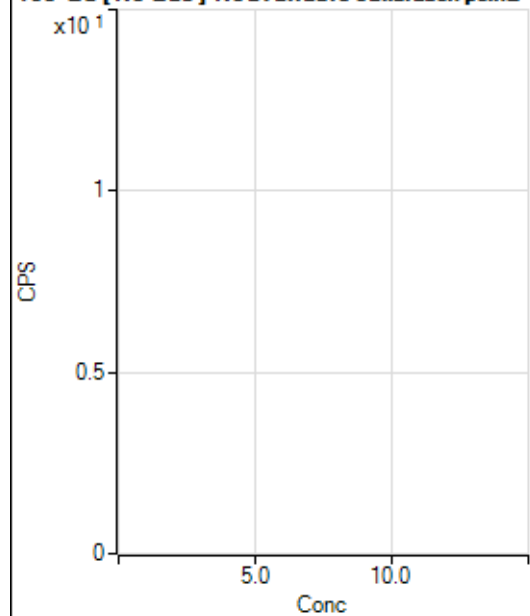
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			0.00		P	
6	☐			0.00		P	
7	☐			4.44		P	43.4
8	☐			3.33		P	100.
9	☐			10.00		P	88.2

156 Dy [No Gas] No available calibration points

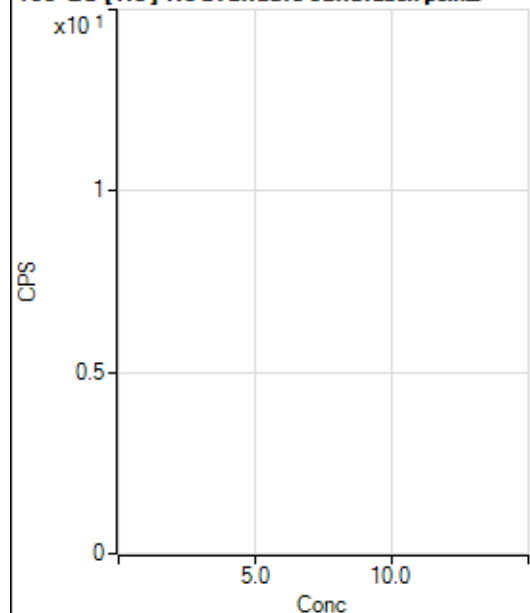
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.
2	☐						
3	☐			11.11		P	86.6
4	☐			33.33		P	25.0
5	☐			27.78		P	17.3
6	☐			16.67		P	50.0
7	☐			72.22		P	52.0
8	☐			66.67		P	43.3
9	☐			63.89		P	27.2

156 Dy [He] No available calibration points

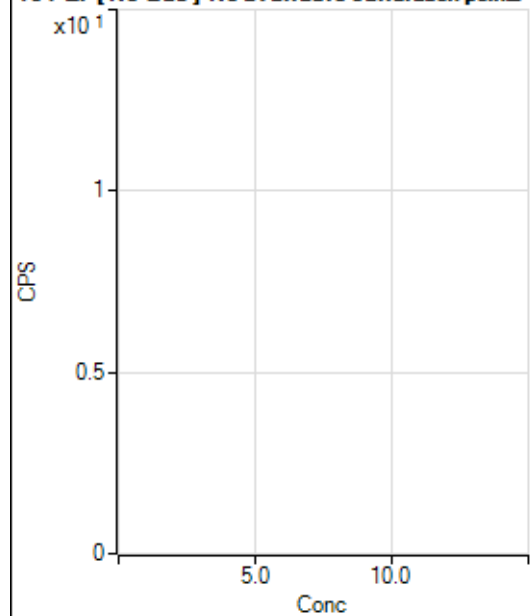
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			1.11		P	173.
4	☐			2.22		P	86.6
5	☐			1.11		P	173.
6	☐			2.22		P	86.6
7	☐			5.56		P	91.6
8	☐			14.45		P	26.7
9	☐			7.78		P	49.5

160 Gd [No Gas] Noavailable calibration poin_

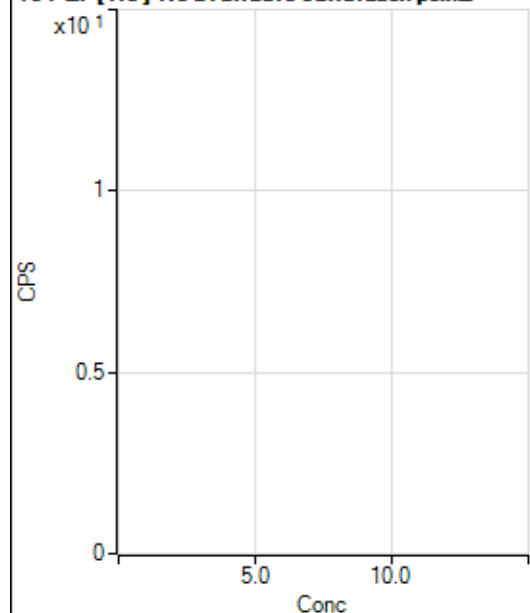
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.23		P	20.4
2	☐						
3	☐			47.23		P	71.3
4	☐			38.89		P	24.7
5	☐			47.22		P	44.4
6	☐			47.22		P	27.0
7	☐			44.44		P	60.3
8	☐			61.11		P	31.5
9	☐			63.89		P	45.8

160 Gd [He] No available calibration points

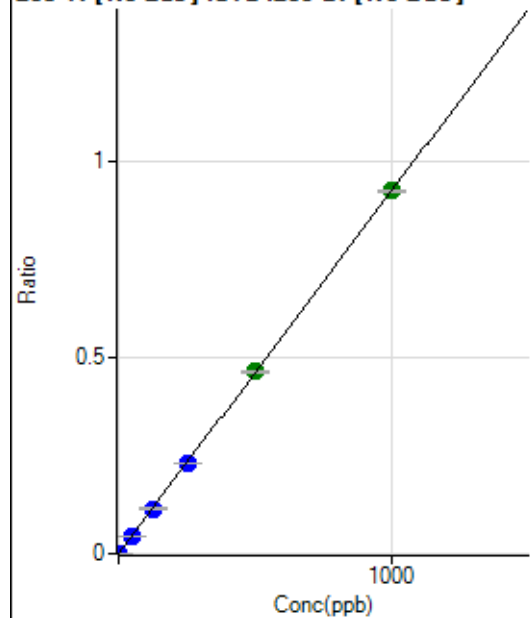
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	91.6
2	☐						
3	☐			7.78		P	49.5
4	☐			7.78		P	49.5
5	☐			4.44		P	173.
6	☐			5.56		P	91.6
7	☐			4.44		P	43.4
8	☐			14.44		P	53.3
9	☐			10.00		P	66.7

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.56		P	128.
2	☐						
3	☐			25.00		P	57.7
4	☐			22.22		P	57.3
5	☐			44.45		P	39.0
6	☐			36.11		P	48.0
7	☐			50.00		P	33.3
8	☐			63.89		P	83.9
9	☐			61.11		P	56.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐						
3	☐			2.22		P	86.6
4	☐			3.33		P	100.
5	☐			3.33		P	0.0
6	☐			6.66		P	86.6
7	☐			8.89		P	43.3
8	☐			7.78		P	24.7
9	☐			6.67		P	50.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	119.45	0.0000	P	11.2
2	☐	0.100					
3	☐	1.000	0.916	4709.41	0.0009	P	8.3
4	☐	50.000	49.564	257822.17	0.0459	P	1.9
5	☐	125.000	123.821	655800.57	0.1145	P	1.4
6	☐	250.000	247.349	1317378.64	0.2288	P	0.6
7	☐	500.000	501.032	2708013.04	0.4634	A	0.8
8	☐	1000.000	1000.316	5343685.97	0.9252	A	0.6
9	☐			3144.98	0.0006	P	9.4

$$y = 9.2493E-004 * x + 2.1628E-005$$

$$R = 1.0000$$

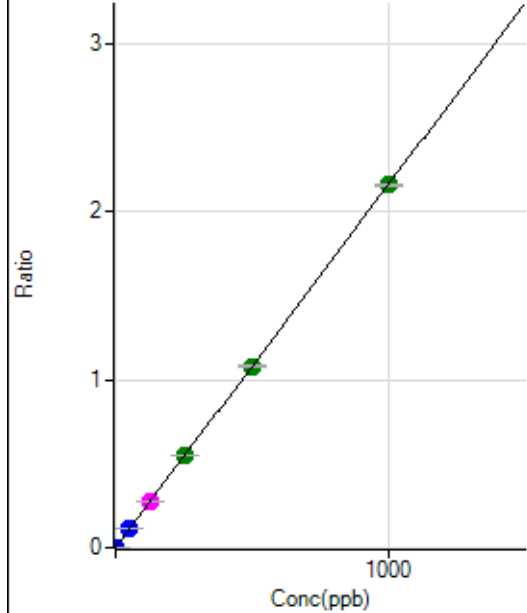
$$DL = 0.007846$$

$$BEC = 0.02338$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	330.57	0.0001	P	24.7
2	☐	0.100					
3	☐	1.000	0.930	11241.54	0.0021	P	3.6
4	☐	50.000	50.784	618095.45	0.1100	P	1.6
5	☐	125.000	126.648	1569230.60	0.2741	M	2.2
6	☐	250.000	253.713	3161480.97	0.5491	A	0.4
7	☐	500.000	499.866	6320887.60	1.0817	A	0.7
8	☐	1000.000	998.894	12483998.02	2.1616	A	0.8
9	☐			7686.02	0.0014	P	2.6

$$y = 0.0022 * x + 5.9537E-005$$

$$R = 1.0000$$

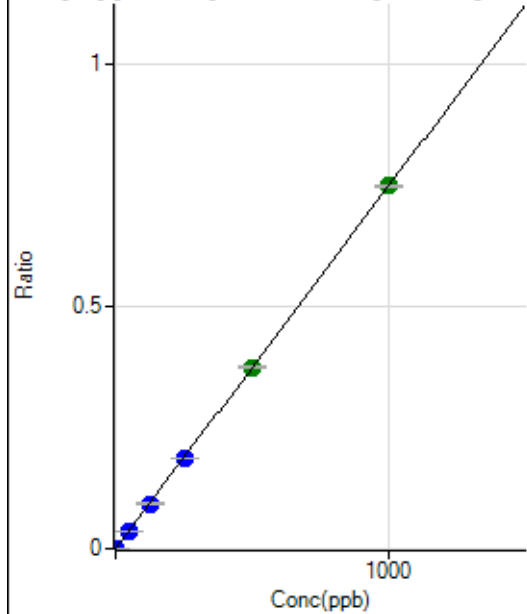
$$DL = 0.02035$$

$$BEC = 0.02751$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	188.90	0.0000	P	14.7
2	☐	0.100					
3	☐	1.000	0.920	3917.39	0.0007	P	5.2
4	☐	50.000	49.583	208395.33	0.0371	P	1.0
5	☐	125.000	124.008	530506.81	0.0927	P	1.0
6	☐	250.000	247.761	1065744.40	0.1851	P	0.7
7	☐	500.000	499.921	2182098.99	0.3734	A	1.3
8	☐	1000.000	1000.744	4317462.13	0.7475	A	0.5
9	☐			8165.85	0.0015	P	2.1

$$y = 7.4693E-004 * x + 3.4183E-005$$

$$R = 1.0000$$

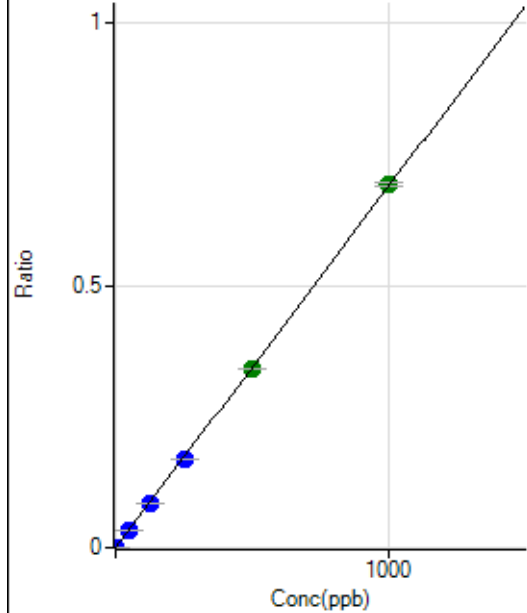
$$DL = 0.02024$$

$$BEC = 0.04576$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	142.60	0.0000	P	29.8
2	☐	0.100					
3	☐	1.000	0.917	3563.58	0.0007	P	7.6
4	☐	50.000	48.579	188145.89	0.0335	P	1.3
5	☐	125.000	122.303	482180.57	0.0842	P	1.2
6	☐	250.000	243.792	966468.03	0.1679	P	0.5
7	☐	500.000	494.150	1987947.43	0.3402	A	0.4
8	☐	1000.000	1004.885	3995494.45	0.6918	A	0.9
9	☐			7252.27	0.0013	P	3.7

$$y = 6.8841\text{E-}004 * x + 2.5934\text{E-}005$$

$$R = 1.0000$$

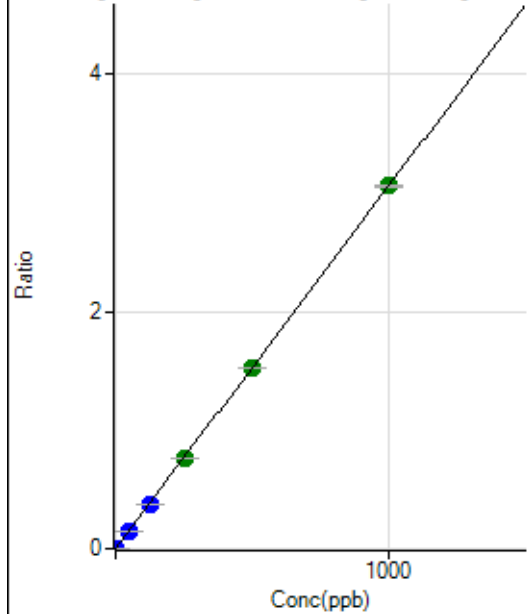
$$DL = 0.0337$$

$$BEC = 0.03767$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	714.84	0.0001	P	8.4
2	☐	0.100					
3	☐	1.000	0.919	15932.16	0.0029	P	4.9
4	☐	50.000	49.422	849129.44	0.1510	P	1.0
5	☐	125.000	123.846	2165919.99	0.3783	P	1.1
6	☐	250.000	249.195	4382121.42	0.7611	A	0.5
7	☐	500.000	498.505	8895750.46	1.5224	A	0.7
8	☐	1000.000	1001.122	17656833.06	3.0572	A	0.4
9	☐			32749.01	0.0059	P	2.3

$$y = 0.0031 * x + 1.2941\text{E-}004$$

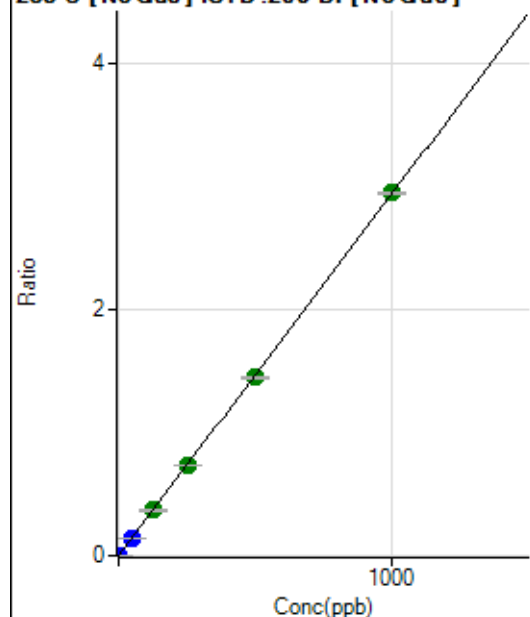
$$R = 1.0000$$

$$DL = 0.01072$$

$$BEC = 0.04238$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	44.45	0.0000	P	48.5
2	☐	0.100					
3	☐	1.000	0.897	14356.21	0.0026	P	2.1
4	☐	50.000	48.761	806347.47	0.1434	P	1.5
5	☐	125.000	125.075	2106227.02	0.3679	A	2.1
6	☐	250.000	249.928	4232906.87	0.7352	A	0.9
7	☐	500.000	492.772	8469908.70	1.4495	A	0.8
8	☐	1000.000	1003.685	17051625.90	2.9524	A	0.2
9	☐			1955.81	0.0004	P	5.7

$$y = 0.0029 * x + 8.1465E-006$$

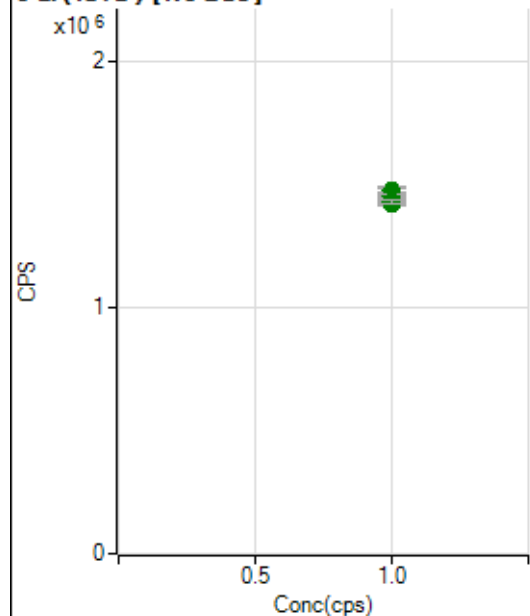
$$R = 1.0000$$

$$DL = 0.004033$$

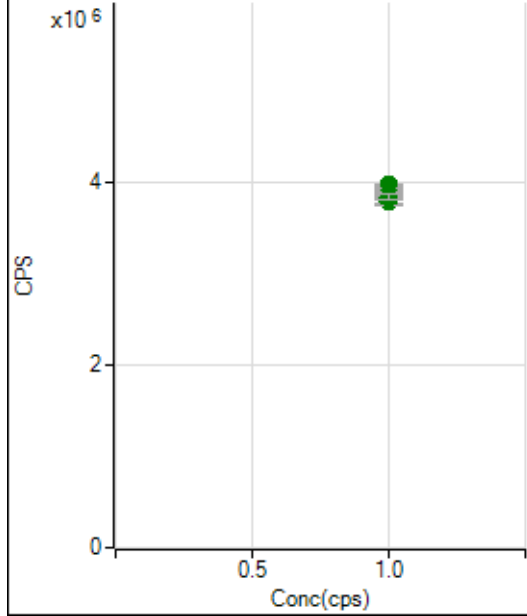
$$BEC = 0.00277$$

Weight: <None>

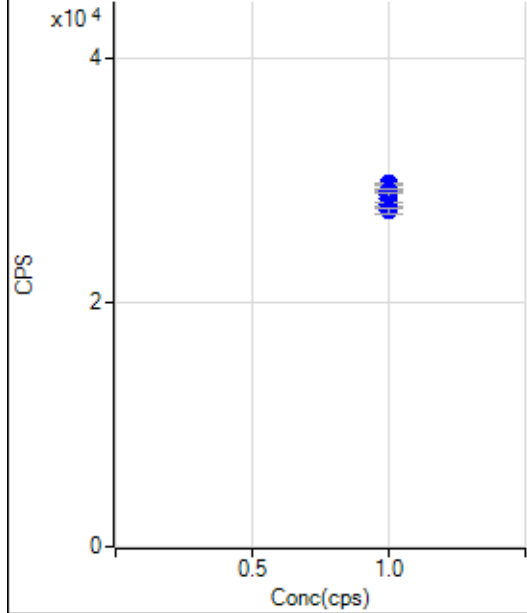
Min Conc: 0

6 Li (ISTD) [No Gas]

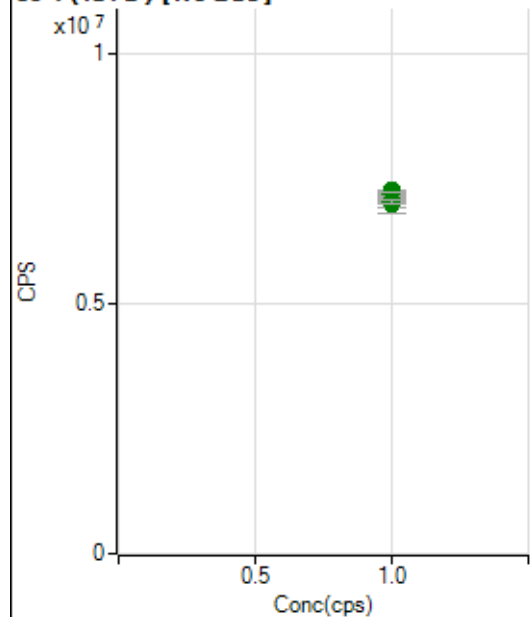
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1456240.19		A	5.0
2	☐	1.000					
3	☐	1.000		1435210.59		A	1.3
4	☐	1.000		1473678.10		A	1.7
5	☐	1.000		1468676.37		A	2.7
6	☐	1.000		1465346.26		A	0.9
7	☐	1.000		1451971.85		A	1.1
8	☐	1.000		1423198.80		A	1.0
9	☐	1.000		1431300.34		A	1.0

45 Sc (ISTD) [No Gas]

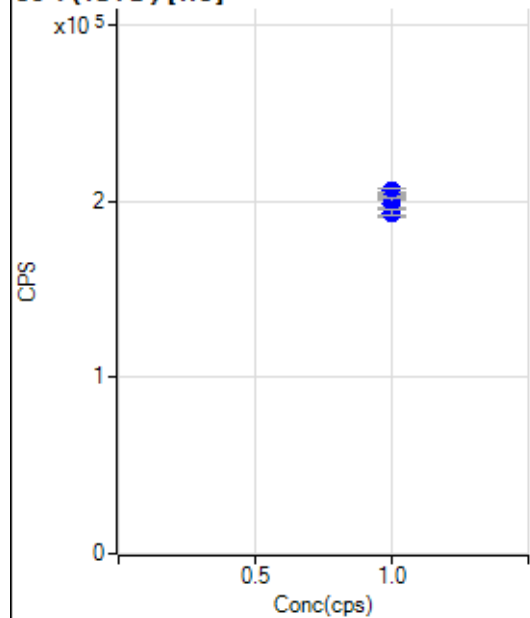
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3865014.11		A	4.9
2	☐	1.000					
3	☐	1.000		3798004.56		A	2.0
4	☐	1.000		3947803.78		A	1.3
5	☐	1.000		3980464.41		A	0.9
6	☐	1.000		3941153.95		A	0.5
7	☐	1.000		3941986.20		A	0.3
8	☐	1.000		3881694.92		A	0.8
9	☐	1.000		3849947.83		A	1.5

45 Sc (ISTD) [He]

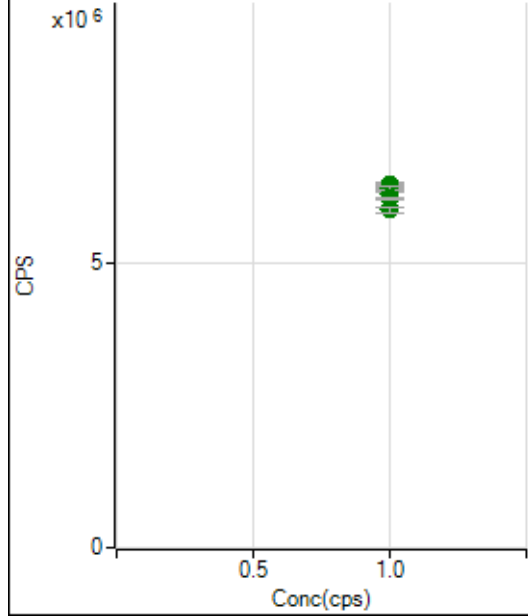
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		29699.35		P	0.5
2	☐	1.000					
3	☐	1.000		29268.45		P	0.4
4	☐	1.000		29727.17		P	0.3
5	☐	1.000		28812.30		P	6.2
6	☐	1.000		29124.90		P	0.7
7	☐	1.000		28483.65		P	3.8
8	☐	1.000		28056.12		P	1.1
9	☐	1.000		27537.20		P	1.5

89 Y (ISTD) [No Gas]

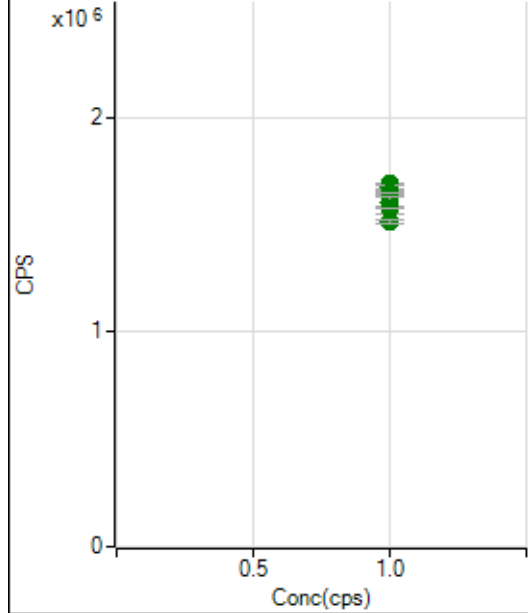
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6981163.92		A	4.9
2	☐	1.000					
3	☐	1.000		6987845.45		A	1.7
4	☐	1.000		7172477.95		A	1.2
5	☐	1.000		7181454.48		A	1.0
6	☐	1.000		7232794.20		A	0.9
7	☐	1.000		7252410.45		A	0.2
8	☐	1.000		7182950.52		A	0.9
9	☐	1.000		7020379.62		A	1.0

89 Y (ISTD) [He]

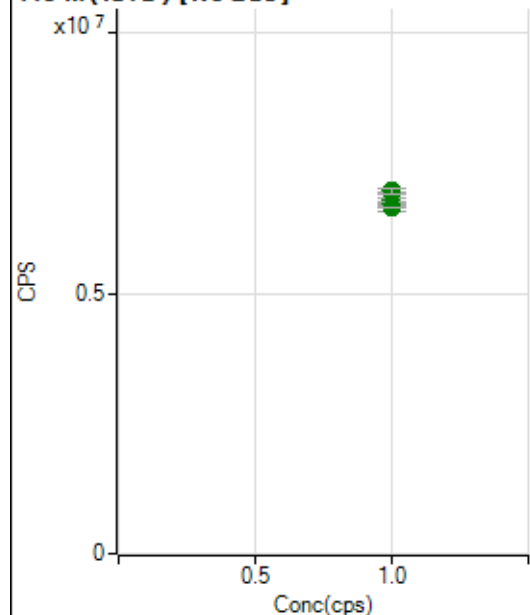
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		203656.09		P	1.0
2	☐	1.000					
3	☐	1.000		201033.57		P	0.1
4	☐	1.000		206181.75		P	1.0
5	☐	1.000		197157.20		P	5.8
6	☐	1.000		202668.82		P	0.7
7	☐	1.000		198821.20		P	2.9
8	☐	1.000		196025.10		P	0.4
9	☐	1.000		193948.95		P	1.4

103 Rh (ISTD) [No Gas]

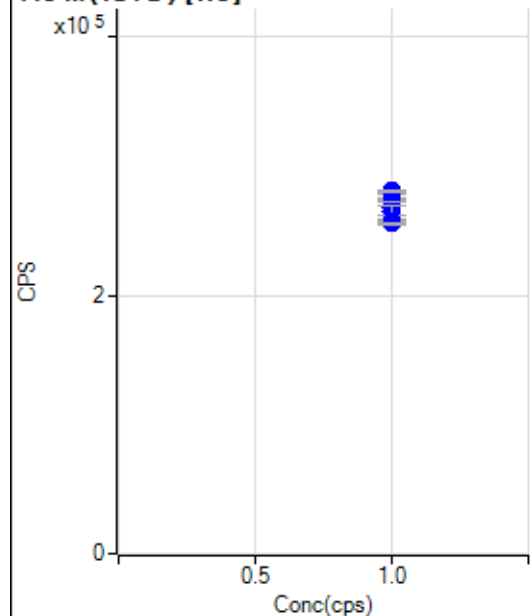
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6292514.42		A	4.4
2	☐	1.000					
3	☐	1.000		6220709.56		A	1.6
4	☐	1.000		6362827.79		A	1.5
5	☐	1.000		6383649.71		A	0.6
6	☐	1.000		6299295.37		A	0.6
7	☐	1.000		6330611.43		A	0.7
8	☐	1.000		6145266.28		A	0.6
9	☐	1.000		5941205.56		A	1.3

103 Rh (ISTD) [He]

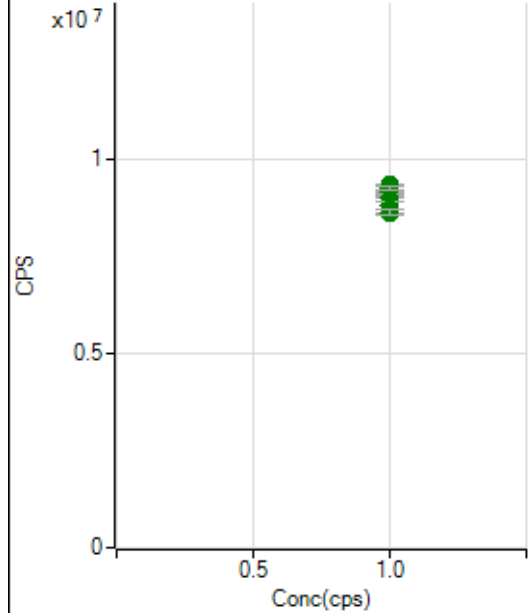
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1690527.65		A	0.4
2	☐	1.000					
3	☐	1.000		1648695.57		A	0.8
4	☐	1.000		1674014.45		A	0.7
5	☐	1.000		1602737.68		A	6.5
6	☐	1.000		1647057.16		A	0.2
7	☐	1.000		1607917.62		A	2.7
8	☐	1.000		1575263.64		A	0.1
9	☐	1.000		1511072.55		A	1.2

115 In (ISTD) [No Gas]

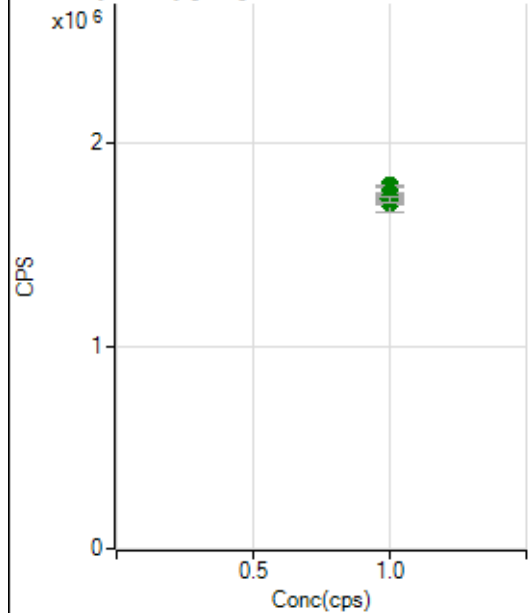
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6791678.26		A	4.0
2	☐	1.000					
3	☐	1.000		6659547.11		A	2.0
4	☐	1.000		6893522.47		A	1.9
5	☐	1.000		6935536.20		A	0.4
6	☐	1.000		6945074.10		A	0.3
7	☐	1.000		6970843.22		A	1.4
8	☐	1.000		6725280.22		A	1.1
9	☐	1.000		6655255.41		A	0.1

115 In (ISTD) [He]

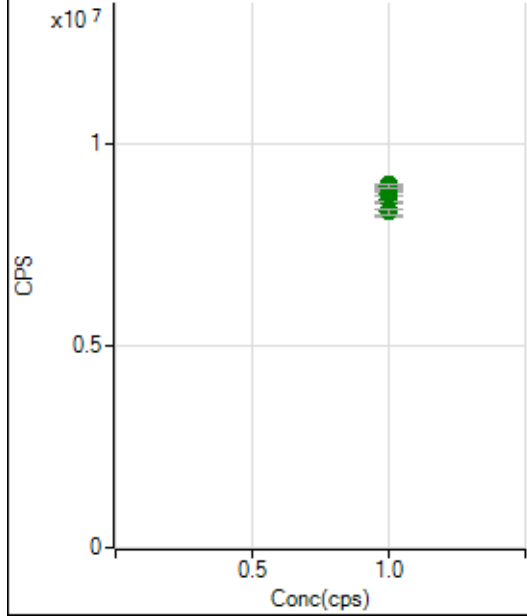
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		279679.74		P	0.8
2	☐	1.000					
3	☐	1.000		272603.65		P	0.6
4	☐	1.000		280653.24		P	0.7
5	☐	1.000		267333.57		P	6.0
6	☐	1.000		272280.75		P	0.3
7	☐	1.000		265172.73		P	2.9
8	☐	1.000		256902.02		P	0.6
9	☐	1.000		255790.06		P	0.6

159 Tb (ISTD) [No Gas]

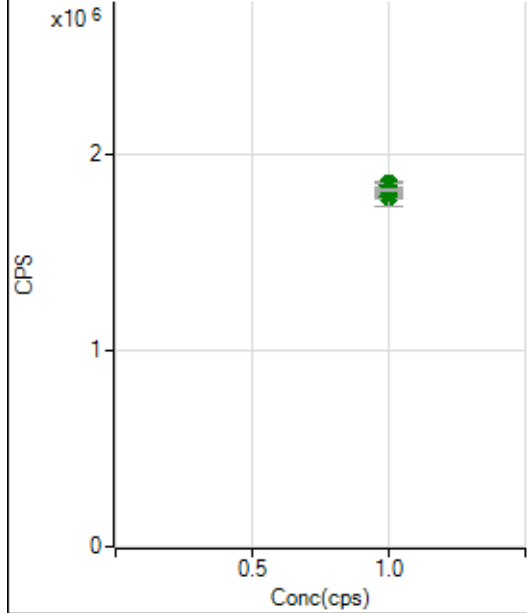
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8812131.33		A	4.6
2	☐	1.000					
3	☐	1.000		8645417.79		A	2.0
4	☐	1.000		8996470.21		A	1.4
5	☐	1.000		9117033.13		A	1.4
6	☐	1.000		9178901.32		A	1.2
7	☐	1.000		9348892.78		A	0.5
8	☐	1.000		9323199.45		A	0.3
9	☐	1.000		9271210.56		A	1.5

159 Tb (ISTD) [He]

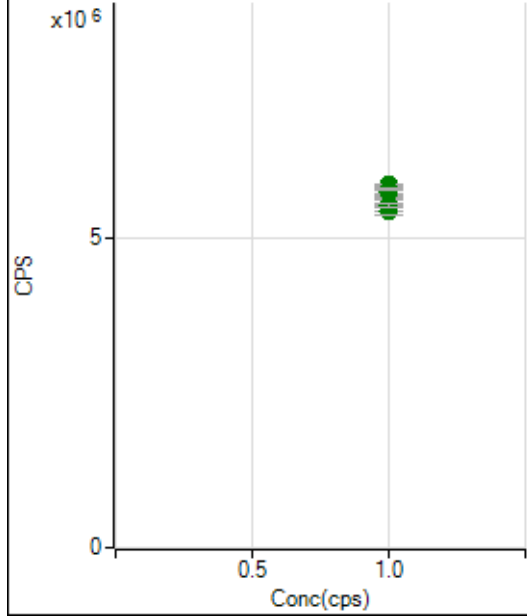
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1789975.46		A	0.6
2	☐	1.000					
3	☐	1.000		1709788.74		A	0.5
4	☐	1.000		1750339.33		A	0.9
5	☐	1.000		1703211.50		A	5.1
6	☐	1.000		1757212.41		A	0.2
7	☐	1.000		1727002.58		A	2.9
8	☐	1.000		1731202.56		A	0.6
9	☐	1.000		1725943.24		A	1.6

165 Ho (ISTD) [No Gas]

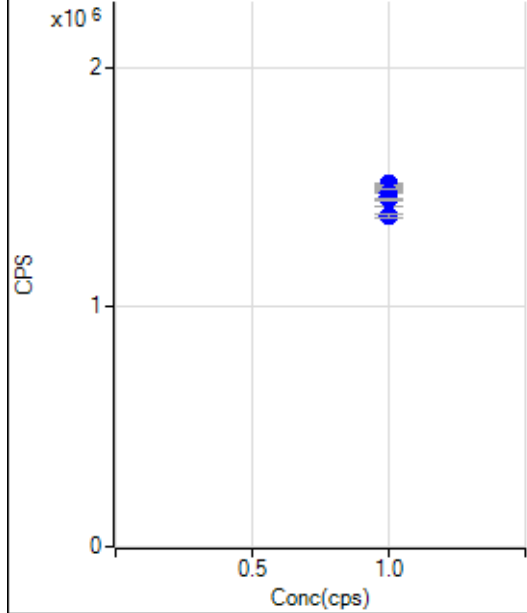
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8360815.03		A	4.5
2	☐	1.000					
3	☐	1.000		8319336.21		A	1.7
4	☐	1.000		8629481.01		A	1.6
5	☐	1.000		8765894.29		A	0.8
6	☐	1.000		8824751.85		A	0.7
7	☐	1.000		8988984.66		A	0.2
8	☐	1.000		8921009.49		A	0.5
9	☐	1.000		8959577.20		A	1.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1840011.05		A	1.4
2	☐	1.000					
3	☐	1.000		1780715.48		A	0.6
4	☐	1.000		1845390.65		A	1.3
5	☐	1.000		1781776.71		A	5.5
6	☐	1.000		1837401.05		A	1.4
7	☐	1.000		1797621.99		A	3.3
8	☐	1.000		1795369.82		A	0.3
9	☐	1.000		1812946.85		A	0.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5538153.01		A	4.6
2	☐	1.000					
3	☐	1.000		5428506.52		A	2.7
4	☐	1.000		5622018.04		A	0.9
5	☐	1.000		5725792.21		A	1.3
6	☐	1.000		5757841.51		A	0.4
7	☐	1.000		5843429.78		A	0.4
8	☐	1.000		5775612.34		A	0.7
9	☐	1.000		5505498.25		A	1.0

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1502427.53		P	0.7
2	☐	1.000					
3	☐	1.000		1477300.88		P	0.5
4	☐	1.000		1514120.32		P	0.8
5	☐	1.000		1460326.13		P	5.0
6	☐	1.000		1503011.42		P	0.7
7	☐	1.000		1472681.38		P	2.7
8	☐	1.000		1451538.45		P	0.6
9	☐	1.000		1382431.61		P	1.0

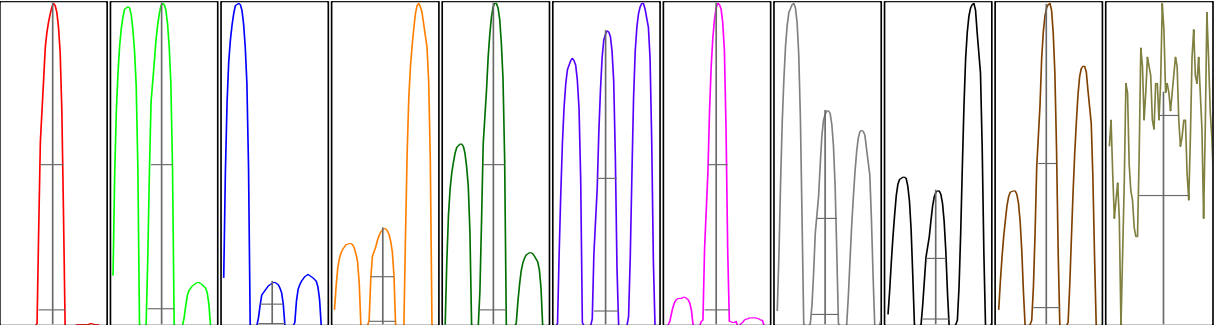
US EPA Tune Check Sample Report

Batch Folder D:\P8032018 MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	5560	1.95	5.00	
24	33572	1.32	5.00	
25	4544	1.31	5.00	
26	5310	1.67	5.00	
59	53242	1.54	5.00	
113	7483	1.78	5.00	
115	95548	1.67	5.00	
206	22298	1.74	5.00	
207	20343	1.76	5.00	
208	48320	1.74	5.00	
220	1	13.30		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	5597	5642	5581	5609	5369
24	33769	33880	33763	33658	32789
25	4586	4599	4553	4533	4448
26	5414	5345	5305	5315	5171
59	54005	53451	53359	53555	51842
113	7613	7528	7464	7546	7264
115	97062	95432	95792	96527	92925
206	22579	22296	22476	22509	21629
207	20593	20277	20496	20603	19747
208	48836	48155	48560	49096	46953
220	1	1	1	2	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	9078	9.00	8.9 - 9.1		0.785	0.900	
24	55152	23.95	23.9 - 24.1		0.783	0.900	
25	7390	24.95	24.9 - 25.1		0.783	0.900	
26	8730	25.95	25.9 - 26.1		0.755	0.900	
59	91163	58.95	58.9 - 59.1		0.772	0.900	
113	14070	113.00	112.9 - 113.1		0.731	0.900	
115	177112	115.00	114.9 - 115.1		0.735	0.900	
206	41249	205.95	205.9 - 206.1		0.767	0.900	
207	37500	206.95	206.9 - 207.1		0.773	0.900	
208	89346	207.95	207.9 - 208.1		0.768	0.900	
220	1	220.15	-		1.414		

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
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.0	V	Deflect	14.4	V
Extract 2	-210.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-95	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	170	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	6787	0.49	
89	1867	0.62	
205	10679	0.83	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	6831	6808	6781	6748	6766
89	1883	1855	1863	1875	1859
205	10783	10762	10650	10614	10589

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.0	V	Deflect	2.6	V
Extract 2	-210.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-95	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination	5.0	V
He Flow	5.0	mL/min	OctP RF	200	V			

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:32:34	DataFile Name :	003CALB_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.67	1.32	-0.65	0.00	N/A	ppb
Antimony	121-1	-0.02	-0.02	0.03	0.00	N/A	ppb
Arsenic	75-2	0.01	-0.02	0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	-0.01	0.00	0.01	0.00	N/A	ppb
Beryllium	9-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.30	-0.72	0.42	0.00	N/A	ppb
Boron	11-1	-0.32	-0.14	0.46	0.00	N/A	ppb
Cadmium	111-1	0.08	-0.03	-0.05	0.00	N/A	ppb
Cadmium	106-1	1.10	-0.52	-0.57	0.00	N/A	ppb
Cadmium	108-1	0.01	-0.03	0.02	0.00	N/A	ppb
Calcium	43-1	-5.33	2.98	2.35	0.00	N/A	ppb
Calcium	44-1	-2.96	-0.15	3.11	0.00	N/A	ppb
Chromium	52-2	0.05	-0.02	-0.03	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.02	-0.01	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.19	0.33	-0.14	0.00	N/A	ppb
Iron	57-2	-0.22	-0.79	1.01	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	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						%
Magnesium	24-2	1.72	-0.66	-1.06	0.00	N/A	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:32:34	DataFile Name :	003CALB_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.01	-0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Molybdenum	95-1	0.01	-0.02	0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.02	-0.01	0.04	0.00	N/A	ppb
Molybdenum	97-1	-0.03	-0.01	0.04	0.00	N/A	ppb
Molybdenum	98-1	-0.02	-0.01	0.02	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	0.09	0.01	0.00	N/A	ppb
Phosphorus	31-2	-14.91	14.72	14.78	4.87	351.96	ppb
Potassium	39-2	-0.53	7.84	-7.31	0.00	N/A	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.72	5.43	-2.72	0.00	N/A	ppb
Selenium	78-2	-0.01	0.01	-0.01	0.00	N/A	ppb
Selenium	82-1	0.27	-0.27	0.00	0.00	N/A	ppb
Silicon	28-1	-2.65	-5.88	8.53	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	23-2	4.87	0.48	-5.35	0.00	N/A	ppb
Strontium	86-1	0.01	-0.05	0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-467.54	-944.81	1018.90	-131.15		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	-0.01	0.01	0.00	0.00	N/A	ppb
Tin	118-1	-0.02	0.02	0.00	0.00	N/A	ppb
Titanium	47-1	-0.02	-0.02	0.04	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.01	-0.01	0.01	0.00	N/A	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.11	0.11	-0.22	0.00	N/A	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:32:34	DataFile Name :	003CALB_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.01	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:40:03	DataFile Name :	005CALS_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.40	19.34	21.52	20.75	5.92	ppb
Antimony	121-1	1.88	1.89	1.92	1.90	1.25	ppb
Arsenic	75-2	0.95	0.95	0.95	0.95	0.10	ppb
Barium	135-1	9.27	9.70	9.74	9.57	2.73	ppb
Barium	137-1	9.36	9.75	9.49	9.53	2.06	ppb
Beryllium	9-1	0.93	1.02	0.94	0.96	4.84	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	23.91	24.51	20.41	22.94	9.65	ppb
Boron	11-1	20.18	21.70	23.54	21.81	7.72	ppb
Cadmium	111-1	0.86	1.11	0.95	0.98	12.95	ppb
Cadmium	106-1	0.22	2.71	1.38	1.44	86.94	ppb
Cadmium	108-1	1.31	1.16	0.53	1.00	41.61	ppb
Calcium	43-1	488.46	475.06	465.36	476.29	2.44	ppb
Calcium	44-1	438.10	460.80	465.65	454.85	3.23	ppb
Chromium	52-2	1.74	1.81	1.92	1.82	5.06	ppb
Cobalt	59-2	0.92	0.99	1.01	0.97	5.21	ppb
Copper	63-2	1.90	1.88	1.98	1.92	2.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	45.48	46.30	45.70	45.83	0.93	ppb
Iron	57-2	61.16	44.02	46.21	50.46	18.49	ppb
Krypton	83-1						cps
Lead	206-1	0.93	0.86	0.96	0.92	5.50	ppb
Lead	207-1	0.83	0.96	0.96	0.92	7.96	ppb
Lead	208-1	0.88	0.90	0.97	0.92	5.12	ppb
Lithium	6-1						%
Magnesium	24-2	459.75	453.37	465.66	459.59	1.34	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:40:03	DataFile Name :	005CAL5_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.78	1.06	1.09	0.98	17.68	ppb
Molybdenum	94-1	4.58	4.46	4.73	4.59	2.96	ppb
Molybdenum	95-1	4.34	4.55	4.58	4.49	2.91	ppb
Molybdenum	96-1	4.46	4.52	4.53	4.50	0.88	ppb
Molybdenum	97-1	4.62	4.49	4.56	4.56	1.48	ppb
Molybdenum	98-1	4.55	4.64	4.54	4.58	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	0.99	1.00	0.98	2.53	ppb
Phosphorus	31-2	-14.91	-14.91	15.22	-4.87		ppb
Potassium	39-2	464.07	439.55	459.93	454.52	2.89	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.72	5.45	-2.72	0.01	85230.14	ppb
Selenium	78-2	2.57	6.38	1.28	3.41	77.75	ppb
Selenium	82-1	5.13	5.12	4.86	5.04	3.02	ppb
Silicon	28-1	10.70	15.00	18.08	14.59	25.38	ppb
Silver	109-1	1.01	1.03	1.03	1.02	1.08	ppb
Silver	107-1	0.94	1.00	0.98	0.97	3.10	ppb
Sodium	23-2	486.05	449.82	455.94	463.94	4.18	ppb
Strontium	86-1	1.05	0.87	1.04	0.98	10.40	ppb
Strontium	88-1	0.88	0.90	1.00	0.93	6.89	ppb
Sulfur	34-1	-391.80	216.68	568.57	131.15	370.47	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.87	0.87	1.01	0.92	8.55	ppb
Thallium	205-1	0.89	0.96	0.93	0.93	3.68	ppb
Tin	118-1	4.40	4.70	4.70	4.60	3.71	ppb
Titanium	47-1	4.46	4.48	4.74	4.56	3.45	ppb
Uranium	238-1	0.87	0.91	0.91	0.90	2.11	ppb
Vanadium	51-2	4.41	4.70	4.18	4.43	5.96	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.68	1.86	2.55	2.03	22.61	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:40:03	DataFile Name :	005CALS_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.89	0.93	0.93	0.92	2.64	ppb
Zirconium	91-1	0.97	0.89	0.95	0.93	4.58	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:43:47	DataFile Name :	006CAL5_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1018.84	1011.92	989.06	1006.61	1.55	ppb
Antimony	121-1	49.90	51.74	49.98	50.54	2.05	ppb
Arsenic	75-2	49.58	50.61	51.05	50.41	1.50	ppb
Barium	135-1	255.08	260.02	252.20	255.77	1.55	ppb
Barium	137-1	259.40	262.37	255.12	258.96	1.41	ppb
Beryllium	9-1	52.74	51.48	51.24	51.82	1.56	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	52.03	50.07	51.54	51.22	1.99	ppb
Boron	11-1	49.49	49.65	50.52	49.89	1.11	ppb
Cadmium	111-1	52.84	53.55	51.88	52.76	1.59	ppb
Cadmium	106-1	50.65	50.13	52.20	50.99	2.11	ppb
Cadmium	108-1	53.12	56.47	53.92	54.50	3.21	ppb
Calcium	43-1	5036.71	5127.50	4948.88	5037.70	1.77	ppb
Calcium	44-1	5006.60	5034.37	4932.02	4991.00	1.06	ppb
Chromium	52-2	50.90	50.92	51.89	51.24	1.10	ppb
Cobalt	59-2	51.37	51.41	50.92	51.24	0.53	ppb
Copper	63-2	102.95	102.84	101.55	102.45	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2552.46	2555.46	2538.32	2548.75	0.36	ppb
Iron	57-2	2484.66	2487.01	2507.83	2493.17	0.51	ppb
Krypton	83-1						cps
Lead	206-1	49.47	50.10	49.17	49.58	0.96	ppb
Lead	207-1	48.31	49.28	48.15	48.58	1.26	ppb
Lead	208-1	49.15	49.97	49.15	49.42	0.95	ppb
Lithium	6-1						%
Magnesium	24-2	5160.73	5222.57	5224.26	5202.52	0.70	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:43:47	DataFile Name :	006CAL5_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	100.96	101.61	101.92	101.50	0.49	ppb
Molybdenum	94-1	255.27	256.73	255.23	255.74	0.33	ppb
Molybdenum	95-1	254.31	254.84	251.01	253.39	0.82	ppb
Molybdenum	96-1	253.56	255.70	250.96	253.41	0.94	ppb
Molybdenum	97-1	250.05	257.19	253.69	253.64	1.41	ppb
Molybdenum	98-1	249.70	255.47	247.93	251.03	1.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.78	51.81	51.58	51.06	2.18	ppb
Phosphorus	31-2	1141.18	812.69	868.99	940.95	18.67	ppb
Potassium	39-2	2566.18	2619.21	2541.14	2575.51	1.55	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	84.94	60.37	101.94	82.41	25.36	ppb
Selenium	78-2	60.76	65.02	36.34	54.04	28.63	ppb
Selenium	82-1	50.94	53.05	52.48	52.16	2.09	ppb
Silicon	28-1	56.57	57.21	52.93	55.57	4.16	ppb
Silver	109-1	53.49	53.41	52.44	53.11	1.10	ppb
Silver	107-1	53.76	54.29	52.25	53.44	1.98	ppb
Sodium	23-2	5131.97	5084.56	5093.58	5103.37	0.49	ppb
Strontium	86-1	50.45	50.79	50.42	50.55	0.41	ppb
Strontium	88-1	50.91	51.76	50.52	51.06	1.24	ppb
Sulfur	34-1	372.46	514.47	-57.35	276.53	107.67	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	48.76	50.58	49.36	49.56	1.87	ppb
Thallium	205-1	50.05	51.66	50.64	50.78	1.61	ppb
Tin	118-1	51.05	51.40	50.82	51.09	0.57	ppb
Titanium	47-1	249.61	251.93	248.07	249.87	0.78	ppb
Uranium	238-1	48.21	49.61	48.46	48.76	1.54	ppb
Vanadium	51-2	50.67	50.56	49.92	50.38	0.81	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	99.92	104.08	102.36	102.12	2.04	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:43:47	DataFile Name :	006CALS_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	50.06	51.00	50.15	50.40	1.02	ppb
Zirconium	91-1	49.63	50.36	48.46	49.48	1.94	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:47:30	DataFile Name :	007CAL5_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2472.02	2496.75	2692.57	2553.78	4.73	ppb
Antimony	121-1	127.54	128.06	124.92	126.84	1.33	ppb
Arsenic	75-2	125.40	126.66	142.74	131.60	7.35	ppb
Barium	135-1	644.56	651.51	632.84	642.97	1.47	ppb
Barium	137-1	654.50	657.02	641.48	651.00	1.28	ppb
Beryllium	9-1	129.63	133.81	127.91	130.45	2.33	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	121.59	131.01	126.79	126.47	3.73	ppb
Boron	11-1	123.23	129.10	126.69	126.34	2.33	ppb
Cadmium	111-1	130.37	133.05	128.80	130.74	1.64	ppb
Cadmium	106-1	121.25	132.73	131.97	128.65	4.99	ppb
Cadmium	108-1	130.13	133.00	125.41	129.51	2.96	ppb
Calcium	43-1	12518.29	12407.07	12281.52	12402.29	0.96	ppb
Calcium	44-1	12353.84	12411.73	12290.96	12352.17	0.49	ppb
Chromium	52-2	124.27	125.32	142.50	130.69	7.83	ppb
Cobalt	59-2	124.15	124.97	142.43	130.52	7.91	ppb
Copper	63-2	248.99	252.76	284.74	262.16	7.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6423.46	6382.07	7123.62	6643.05	6.27	ppb
Iron	57-2	6024.95	6374.07	6948.61	6449.21	7.23	ppb
Krypton	83-1						cps
Lead	206-1	124.62	124.80	122.61	124.01	0.98	ppb
Lead	207-1	122.99	123.24	120.67	122.30	1.16	ppb
Lead	208-1	124.30	124.98	122.26	123.85	1.14	ppb
Lithium	6-1						%
Magnesium	24-2	12783.89	12841.47	14350.71	13325.36	6.67	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:47:30	DataFile Name :	007CAL5_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	252.09	249.91	286.55	262.85	7.82	ppb
Molybdenum	94-1	641.76	649.67	644.47	645.30	0.62	ppb
Molybdenum	95-1	649.31	648.71	641.49	646.50	0.67	ppb
Molybdenum	96-1	643.48	661.07	637.05	647.20	1.92	ppb
Molybdenum	97-1	638.02	649.75	635.90	641.23	1.16	ppb
Molybdenum	98-1	640.79	645.51	632.31	639.53	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	125.94	127.27	145.57	132.92	8.25	ppb
Phosphorus	31-2	2531.07	2325.61	2677.31	2511.33	7.04	ppb
Potassium	39-2	6225.46	6227.10	6966.18	6472.91	6.60	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	151.02	93.73	113.28	119.34	24.40	ppb
Selenium	78-2	132.26	136.37	137.65	135.43	2.08	ppb
Selenium	82-1	129.50	129.89	129.93	129.77	0.18	ppb
Silicon	28-1	146.66	144.91	145.94	145.84	0.60	ppb
Silver	109-1	132.37	132.24	129.94	131.52	1.04	ppb
Silver	107-1	132.53	133.48	129.78	131.93	1.46	ppb
Sodium	23-2	12603.15	12598.49	14074.87	13092.17	6.50	ppb
Strontium	86-1	124.23	126.97	125.54	125.58	1.09	ppb
Strontium	88-1	129.31	129.64	128.97	129.31	0.26	ppb
Sulfur	34-1	1552.63	1471.84	1066.83	1363.76	19.09	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	124.21	125.32	121.93	123.82	1.40	ppb
Thallium	205-1	128.25	128.23	123.46	126.65	2.18	ppb
Tin	118-1	129.04	127.62	127.06	127.91	0.80	ppb
Titanium	47-1	622.51	628.92	615.10	622.18	1.11	ppb
Uranium	238-1	126.77	126.41	122.04	125.07	2.10	ppb
Vanadium	51-2	124.63	125.08	137.89	129.20	5.83	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	245.09	251.56	286.83	261.16	8.60	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:47:30	DataFile Name :	007CALS_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	127.55	129.71	127.31	128.19	1.03	ppb
Zirconium	91-1	126.14	127.01	124.96	126.04	0.82	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:51:08	DataFile Name :	008CAL5_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4922.60	5092.95	5203.71	5073.08	2.79	ppb
Antimony	121-1	255.52	254.98	257.63	256.04	0.55	ppb
Arsenic	75-2	248.76	256.59	250.66	252.00	1.62	ppb
Barium	135-1	1300.05	1268.13	1297.02	1288.40	1.37	ppb
Barium	137-1	1292.74	1272.22	1283.47	1282.81	0.80	ppb
Beryllium	9-1	255.13	255.62	253.55	254.76	0.42	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	242.38	245.16	249.70	245.75	1.51	ppb
Boron	11-1	245.58	252.63	254.20	250.80	1.83	ppb
Cadmium	111-1	259.18	255.30	259.20	257.89	0.87	ppb
Cadmium	106-1	256.56	254.54	266.39	259.16	2.45	ppb
Cadmium	108-1	257.95	252.30	253.30	254.52	1.19	ppb
Calcium	43-1	24893.65	25008.39	24847.16	24916.40	0.33	ppb
Calcium	44-1	24726.14	24649.32	24667.55	24681.00	0.16	ppb
Chromium	52-2	249.67	252.31	253.81	251.93	0.83	ppb
Cobalt	59-2	248.89	253.03	252.44	251.45	0.89	ppb
Copper	63-2	496.21	505.44	503.21	501.62	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	12791.02	12892.50	12741.26	12808.26	0.60	ppb
Iron	57-2	12436.06	12598.27	12551.86	12528.73	0.67	ppb
Krypton	83-1						cps
Lead	206-1	246.10	247.45	249.74	247.76	0.74	ppb
Lead	207-1	243.29	242.81	245.28	243.79	0.54	ppb
Lead	208-1	248.84	248.10	250.64	249.20	0.52	ppb
Lithium	6-1						%
Magnesium	24-2	25617.03	25761.01	25650.87	25676.30	0.29	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:51:08	DataFile Name :	008CAL5_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	501.89	508.40	506.53	505.60	0.66	ppb
Molybdenum	94-1	1246.40	1281.14	1281.60	1269.72	1.59	ppb
Molybdenum	95-1	1256.81	1282.71	1271.34	1270.29	1.02	ppb
Molybdenum	96-1	1261.75	1267.31	1275.54	1268.20	0.55	ppb
Molybdenum	97-1	1243.51	1283.66	1272.20	1266.46	1.63	ppb
Molybdenum	98-1	1236.90	1262.58	1256.45	1251.98	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	250.29	254.48	251.57	252.11	0.85	ppb
Phosphorus	31-2	5713.05	5521.32	5161.46	5465.28	5.12	ppb
Potassium	39-2	12576.40	12672.78	12668.29	12639.15	0.43	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	264.97	222.60	250.21	245.93	8.75	ppb
Selenium	78-2	237.39	232.97	245.12	238.49	2.58	ppb
Selenium	82-1	250.87	248.78	256.66	252.11	1.62	ppb
Silicon	28-1	260.53	256.14	258.84	258.50	0.86	ppb
Silver	109-1	269.00	259.19	263.65	263.95	1.86	ppb
Silver	107-1	261.21	260.90	265.40	262.50	0.96	ppb
Sodium	23-2	25377.23	25248.14	25447.05	25357.47	0.40	ppb
Strontium	86-1	245.18	246.90	253.04	248.37	1.66	ppb
Strontium	88-1	251.06	254.16	253.81	253.01	0.67	ppb
Sulfur	34-1	3946.42	3579.05	3924.94	3816.80	5.40	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	248.10	245.65	248.30	247.35	0.60	ppb
Thallium	205-1	252.62	253.78	254.73	253.71	0.42	ppb
Tin	118-1	255.67	250.29	254.50	253.49	1.12	ppb
Titanium	47-1	1240.84	1246.75	1249.63	1245.74	0.36	ppb
Uranium	238-1	251.19	247.19	251.41	249.93	0.95	ppb
Vanadium	51-2	251.76	251.41	252.03	251.73	0.12	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	504.59	509.41	506.01	506.67	0.49	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:51:08	DataFile Name :	008CALS_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	248.55	253.27	254.37	252.06	1.23	ppb
Zirconium	91-1	245.42	249.22	247.96	247.53	0.78	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:54:40	DataFile Name :	009CAL5_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10001.75	9654.59	10124.34	9926.89	2.45	ppb
Antimony	121-1	501.95	505.19	499.94	502.36	0.53	ppb
Arsenic	75-2	496.70	494.35	522.31	504.45	3.07	ppb
Barium	135-1	2513.27	2515.80	2498.60	2509.23	0.37	ppb
Barium	137-1	2490.09	2513.61	2492.32	2498.68	0.52	ppb
Beryllium	9-1	506.59	499.71	499.41	501.90	0.81	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	503.47	494.39	513.87	503.91	1.93	ppb
Boron	11-1	496.19	490.11	500.37	495.56	1.04	ppb
Cadmium	111-1	508.28	505.17	504.65	506.03	0.39	ppb
Cadmium	106-1	506.40	504.14	494.17	501.57	1.30	ppb
Cadmium	108-1	502.30	498.59	499.06	499.98	0.40	ppb
Calcium	43-1	49379.97	49353.46	49432.54	49388.66	0.08	ppb
Calcium	44-1	48503.74	48478.15	49217.23	48733.04	0.86	ppb
Chromium	52-2	504.86	488.06	523.15	505.36	3.47	ppb
Cobalt	59-2	502.54	487.32	531.07	506.98	4.38	ppb
Copper	63-2	1007.98	967.38	1044.70	1006.69	3.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25478.84	24360.46	26170.90	25336.74	3.61	ppb
Iron	57-2	25112.85	24224.11	25875.38	25070.78	3.30	ppb
Krypton	83-1						cps
Lead	206-1	493.68	499.04	507.04	499.92	1.35	ppb
Lead	207-1	492.17	496.37	493.91	494.15	0.43	ppb
Lead	208-1	494.92	498.89	501.71	498.51	0.68	ppb
Lithium	6-1						%
Magnesium	24-2	51154.39	49241.00	53322.98	51239.46	3.99	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:54:40	DataFile Name :	009CAL5_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1007.74	970.44	1056.82	1011.66	4.28	ppb
Molybdenum	94-1	2487.83	2517.41	2512.10	2505.78	0.63	ppb
Molybdenum	95-1	2512.07	2532.33	2510.12	2518.17	0.49	ppb
Molybdenum	96-1	2495.25	2501.25	2512.31	2502.93	0.35	ppb
Molybdenum	97-1	2496.59	2502.36	2550.28	2516.41	1.17	ppb
Molybdenum	98-1	2495.86	2492.07	2479.15	2489.03	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.58	485.57	529.18	508.11	4.30	ppb
Phosphorus	31-2	9462.04	9300.93	9807.04	9523.33	2.72	ppb
Potassium	39-2	25146.53	23923.89	26076.06	25048.83	4.31	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	541.51	591.03	501.42	544.66	8.24	ppb
Selenium	78-2	534.85	472.25	524.12	510.41	6.56	ppb
Selenium	82-1	502.50	500.93	503.34	502.26	0.24	ppb
Silicon	28-1	511.03	518.47	512.88	514.13	0.75	ppb
Silver	109-1	512.20	509.96	513.57	511.91	0.36	ppb
Silver	107-1	512.34	505.58	504.58	507.50	0.83	ppb
Sodium	23-2	50536.03	48539.78	52211.55	50429.12	3.65	ppb
Strontium	86-1	488.29	497.98	498.52	494.93	1.16	ppb
Strontium	88-1	499.77	493.23	503.64	498.88	1.05	ppb
Sulfur	34-1	8993.53	9574.43	8865.14	9144.36	4.13	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	497.88	499.69	505.53	501.03	0.80	ppb
Thallium	205-1	497.53	498.20	503.87	499.87	0.70	ppb
Tin	118-1	503.58	501.07	501.08	501.91	0.29	ppb
Titanium	47-1	2544.06	2486.82	2485.49	2505.46	1.33	ppb
Uranium	238-1	490.83	490.17	497.31	492.77	0.80	ppb
Vanadium	51-2	504.32	485.00	523.03	504.12	3.77	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1010.12	972.87	1051.16	1011.38	3.87	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:54:40	DataFile Name :	009CALS_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	500.80	505.51	503.90	503.40	0.48	ppb
Zirconium	91-1	491.37	496.19	496.54	494.70	0.58	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:58:08	DataFile Name :	010CAL5_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19849.46	19565.71	19039.38	19484.85	2.11	ppb
Antimony	121-1	999.29	999.02	992.85	997.05	0.37	ppb
Arsenic	75-2	1004.81	996.82	987.66	996.43	0.86	ppb
Barium	135-1	4999.66	4959.47	4990.63	4983.25	0.42	ppb
Barium	137-1	4959.12	5003.99	5003.17	4988.76	0.51	ppb
Beryllium	9-1	992.91	1007.43	990.92	997.09	0.90	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	967.29	1005.22	1024.24	998.91	2.90	ppb
Boron	11-1	972.22	1017.11	1016.48	1001.94	2.57	ppb
Cadmium	111-1	997.60	997.68	987.19	994.15	0.61	ppb
Cadmium	106-1	996.98	1006.86	985.42	996.42	1.08	ppb
Cadmium	108-1	1000.66	1007.93	985.68	998.09	1.14	ppb
Calcium	43-1	100800.52	100962.36	100366.19	100709.69	0.31	ppb
Calcium	44-1	98357.57	98001.03	97687.14	98015.25	0.34	ppb
Chromium	52-2	1007.05	994.36	986.79	996.07	1.03	ppb
Cobalt	59-2	1011.30	988.57	986.32	995.40	1.39	ppb
Copper	63-2	2026.98	1982.63	1974.22	1994.61	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	50398.46	49813.00	49465.09	49892.18	0.95	ppb
Iron	57-2	49979.30	49230.73	48769.95	49326.66	1.24	ppb
Krypton	83-1						cps
Lead	206-1	997.42	1006.97	997.84	1000.74	0.54	ppb
Lead	207-1	1012.54	994.73	1007.39	1004.89	0.91	ppb
Lead	208-1	1002.12	996.91	1004.34	1001.12	0.38	ppb
Lithium	6-1						%
Magnesium	24-2	101624.39	101533.99	99626.14	100928.17	1.12	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:58:08	DataFile Name :	010CAL5_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2020.86	1987.20	1965.19	1991.09	1.41	ppb
Molybdenum	94-1	4964.04	5056.00	4948.02	4989.36	1.17	ppb
Molybdenum	95-1	4966.43	5022.23	4960.29	4982.98	0.68	ppb
Molybdenum	96-1	4982.24	5014.27	4976.60	4991.04	0.41	ppb
Molybdenum	97-1	4970.74	5058.53	4927.15	4985.47	1.34	ppb
Molybdenum	98-1	4992.16	5062.48	4954.73	5003.12	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1006.90	989.68	986.55	994.37	1.10	ppb
Phosphorus	31-2	20028.33	20317.05	20025.26	20123.55	0.83	ppb
Potassium	39-2	49755.29	48853.86	48212.00	48940.38	1.58	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	955.94	1012.66	964.80	977.80	3.12	ppb
Selenium	78-2	937.29	1041.11	1010.13	996.18	5.35	ppb
Selenium	82-1	995.21	999.32	998.39	997.64	0.22	ppb
Silicon	28-1	995.08	984.92	983.65	987.88	0.63	ppb
Silver	109-1	990.34	998.08	980.35	989.59	0.90	ppb
Silver	107-1	994.74	1000.56	980.96	992.09	1.01	ppb
Sodium	23-2	99256.76	98142.79	96891.75	98097.10	1.21	ppb
Strontium	86-1	995.44	1013.57	999.52	1002.84	0.95	ppb
Strontium	88-1	998.21	1005.85	993.59	999.22	0.62	ppb
Sulfur	34-1	21524.27	20754.61	20426.58	20901.82	2.70	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	996.12	998.24	1006.59	1000.32	0.55	ppb
Thallium	205-1	995.48	993.55	1007.66	998.89	0.77	ppb
Tin	118-1	998.57	1002.09	992.61	997.76	0.48	ppb
Titanium	47-1	5078.56	4915.81	5001.71	4998.70	1.63	ppb
Uranium	238-1	1005.72	1000.97	1004.37	1003.68	0.24	ppb
Vanadium	51-2	1011.03	992.05	987.81	996.97	1.24	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2034.32	1963.62	1975.48	1991.14	1.90	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:58:08	DataFile Name :	010CALS_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1000.38	1002.50	989.22	997.36	0.72	ppb
Zirconium	91-1	994.13	1019.16	996.20	1003.16	1.38	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 15:01:34	DataFile Name :	011CAL5_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98750.15	102020.91	99544.77	100105.28	1.70	ppb
Antimony	121-1	3.08	3.41	3.40	3.30	5.81	ppb
Arsenic	75-2	2.01	2.09	1.14	1.75	30.22	ppb
Barium	135-1	1.65	1.85	1.66	1.72	6.64	ppb
Barium	137-1	1.70	1.75	1.66	1.70	2.64	ppb
Beryllium	9-1	0.74	0.66	0.56	0.65	13.94	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	48.41	43.30	37.20	42.97	13.06	ppb
Boron	11-1	47.44	42.96	38.74	43.05	10.11	ppb
Cadmium	111-1	0.29	0.11	0.22	0.20	44.49	ppb
Cadmium	106-1	0.08	-1.35	-0.45	-0.57		ppb
Cadmium	108-1	0.27	0.40	0.27	0.31	25.56	ppb
Calcium	43-1	499395.94	504947.23	495433.23	499925.47	0.96	ppb
Calcium	44-1	501957.96	508300.99	491371.33	500543.43	1.71	ppb
Chromium	52-2	44.57	46.24	44.69	45.17	2.05	ppb
Cobalt	59-2	12.16	12.76	12.43	12.45	2.43	ppb
Copper	63-2	4.19	4.03	4.14	4.12	1.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	247109.17	252885.12	249892.20	249962.16	1.16	ppb
Iron	57-2	247547.86	254194.05	248621.81	250121.24	1.43	ppb
Krypton	83-1						cps
Lead	206-1	1.93	1.99	1.90	1.94	2.19	ppb
Lead	207-1	1.89	1.94	1.80	1.88	3.77	ppb
Lead	208-1	1.94	1.91	1.86	1.91	2.30	ppb
Lithium	6-1						%
Magnesium	24-2	494907.10	507796.96	496197.90	499633.99	1.42	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 15:01:34	DataFile Name :	011CAL5_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	9.81	8.60	9.18	9.20	6.59	ppb
Molybdenum	94-1	6.96	6.66	7.18	6.94	3.72	ppb
Molybdenum	95-1	8.85	9.19	9.67	9.24	4.44	ppb
Molybdenum	96-1	9.23	9.26	10.00	9.50	4.58	ppb
Molybdenum	97-1	9.05	9.37	9.99	9.47	5.02	ppb
Molybdenum	98-1	8.79	9.24	9.73	9.25	5.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.75	36.37	36.49	36.20	1.10	ppb
Phosphorus	31-2	16.49	49.87	17.01	27.79	68.81	ppb
Potassium	39-2	246768.55	252165.40	251647.58	250193.85	1.19	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.72	-2.72	5.61	0.06	8395.40	ppb
Selenium	78-2	0.07	1.40	0.04	0.51	153.47	ppb
Selenium	82-1	2.88	1.46	2.86	2.40	33.89	ppb
Silicon	28-1	70.68	74.33	70.08	71.70	3.21	ppb
Silver	109-1	0.16	0.13	0.12	0.13	13.83	ppb
Silver	107-1	0.15	0.14	0.13	0.14	7.86	ppb
Sodium	23-2	499418.12	504630.37	496863.48	500303.99	0.79	ppb
Strontium	86-1	33.89	34.21	33.01	33.71	1.85	ppb
Strontium	88-1	34.28	34.91	34.14	34.45	1.19	ppb
Sulfur	34-1	-2996.60	-2583.17	-3268.29	-2949.36		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.64	0.61	0.53	0.59	9.75	ppb
Thallium	205-1	0.63	0.63	0.60	0.62	2.72	ppb
Tin	118-1	1.46	1.56	1.56	1.53	3.85	ppb
Titanium	47-1	1.41	1.22	1.59	1.41	13.34	ppb
Uranium	238-1	0.12	0.12	0.11	0.12	5.87	ppb
Vanadium	51-2	0.40	0.43	0.34	0.39	10.90	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	12.16	12.39	11.42	11.99	4.23	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 15:01:34	DataFile Name :	011CALS_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.25	0.24	0.19	0.23	15.19	ppb
Zirconium	91-1	0.23	0.24	0.31	0.26	16.74	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 15:19:54	DataFile Name :	012ICV01_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	510.82	579.15	470.69	520.22	10.54	ppb
Antimony	121-1	194.49	193.27	206.42	198.06	3.67	ppb
Arsenic	75-2	196.52	192.03	191.00	193.18	1.52	ppb
Barium	135-1	99.89	98.69	105.19	101.26	3.41	ppb
Barium	137-1	101.22	98.93	106.57	102.24	3.84	ppb
Beryllium	9-1	95.75	95.26	104.35	98.45	5.19	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	530.98	506.29	563.45	533.57	5.37	ppb
Boron	11-1	522.86	510.78	564.89	532.84	5.33	ppb
Cadmium	111-1	102.89	103.02	110.59	105.50	4.18	ppb
Cadmium	106-1	160.95	156.37	167.45	161.59	3.44	ppb
Cadmium	108-1	132.42	125.92	138.23	132.19	4.66	ppb
Calcium	43-1	2017.75	2052.11	2147.50	2072.45	3.24	ppb
Calcium	44-1	2000.83	1979.98	2148.71	2043.17	4.50	ppb
Chromium	52-2	94.69	96.39	95.12	95.40	0.93	ppb
Cobalt	59-2	97.49	97.03	97.12	97.21	0.25	ppb
Copper	63-2	97.38	96.98	95.87	96.75	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	986.38	968.46	969.49	974.78	1.03	ppb
Iron	57-2	936.65	983.23	976.88	965.59	2.62	ppb
Krypton	83-1						cps
Lead	206-1	194.38	194.56	203.73	197.56	2.71	ppb
Lead	207-1	183.73	185.09	195.23	188.02	3.34	ppb
Lead	208-1	192.00	192.36	203.40	195.92	3.31	ppb
Lithium	6-1						%
Magnesium	24-2	1155.77	1171.04	1198.38	1175.06	1.84	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 15:19:54	DataFile Name :	012ICV01_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	97.81	94.00	93.46	95.09	2.50	ppb
Molybdenum	94-1	1043.93	1028.93	1099.97	1057.61	3.54	ppb
Molybdenum	95-1	460.38	455.14	488.93	468.15	3.88	ppb
Molybdenum	96-1	543.93	537.30	577.94	553.06	3.94	ppb
Molybdenum	97-1	455.22	458.91	490.07	468.07	4.09	ppb
Molybdenum	98-1	470.31	469.51	489.58	476.47	2.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.79	98.76	96.36	98.64	2.25	ppb
Phosphorus	31-2	14.65	-14.91	-14.91	-5.05		ppb
Potassium	39-2	2027.21	1972.51	1898.23	1965.98	3.29	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	223.77	233.68	150.44	202.63	22.44	ppb
Selenium	78-2	229.15	233.48	224.62	229.09	1.94	ppb
Selenium	82-1	195.65	194.08	206.76	198.83	3.48	ppb
Silicon	28-1	379.71	371.79	416.42	389.31	6.12	ppb
Silver	109-1	100.77	100.11	107.52	102.80	3.99	ppb
Silver	107-1	102.79	100.32	107.94	103.69	3.75	ppb
Sodium	23-2	1974.92	1929.26	1927.11	1943.76	1.39	ppb
Strontium	86-1	453.49	450.02	476.16	459.89	3.09	ppb
Strontium	88-1	461.35	463.47	485.23	470.02	2.81	ppb
Sulfur	34-1	-2786.30	-2553.46	-1263.22	-2200.99		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	194.96	194.95	206.00	198.64	3.21	ppb
Thallium	205-1	204.54	203.18	214.54	207.42	2.99	ppb
Tin	118-1	481.05	474.25	503.40	486.23	3.14	ppb
Titanium	47-1	470.71	464.21	504.12	479.68	4.46	ppb
Uranium	238-1	463.91	462.62	486.10	470.88	2.80	ppb
Vanadium	51-2	96.89	95.70	93.65	95.41	1.72	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	192.09	195.06	193.27	193.47	0.77	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 15:19:54	DataFile Name :	012ICV01_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	463.74	462.20	490.59	472.18	3.38	ppb
Zirconium	91-1	450.76	447.64	476.10	458.17	3.41	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 15:37:00	DataFile Name :	014LLIC_P8032018 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27.06	24.27	18.80	23.38	17.97	ppb
Antimony	121-1	1.86	2.14	2.09	2.03	7.46	ppb
Arsenic	75-2	1.46	1.16	1.13	1.25	14.33	ppb
Barium	135-1	9.12	9.21	9.31	9.21	1.01	ppb
Barium	137-1	9.35	9.27	9.24	9.29	0.61	ppb
Beryllium	9-1	0.97	0.99	1.02	0.99	2.54	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	28.01	26.46	25.90	26.79	4.06	ppb
Boron	11-1	25.13	25.51	25.10	25.25	0.92	ppb
Cadmium	111-1	0.97	0.96	0.99	0.98	1.39	ppb
Cadmium	106-1	1.08	1.28	0.61	0.99	35.03	ppb
Cadmium	108-1	0.95	0.69	1.31	0.98	31.66	ppb
Calcium	43-1	428.35	483.25	432.75	448.12	6.81	ppb
Calcium	44-1	451.31	448.84	433.96	444.70	2.11	ppb
Chromium	52-2	2.23	1.90	1.81	1.98	10.93	ppb
Cobalt	59-2	0.93	0.92	0.99	0.95	4.00	ppb
Copper	63-2	1.81	1.83	1.80	1.81	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	48.68	46.42	48.43	47.84	2.59	ppb
Iron	57-2	46.01	40.50	35.20	40.57	13.32	ppb
Krypton	83-1						cps
Lead	206-1	0.92	0.99	0.92	0.94	4.73	ppb
Lead	207-1	0.93	0.92	0.96	0.94	2.44	ppb
Lead	208-1	0.94	0.96	0.94	0.94	1.11	ppb
Lithium	6-1						%
Magnesium	24-2	461.66	474.73	458.80	465.07	1.83	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 15:37:00	DataFile Name :	014LLIC_P8032018 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.94	1.02	0.75	0.90	14.95	ppb
Molybdenum	94-1	4.72	4.71	4.90	4.78	2.24	ppb
Molybdenum	95-1	4.58	4.58	4.67	4.61	1.07	ppb
Molybdenum	96-1	4.58	4.49	4.69	4.59	2.27	ppb
Molybdenum	97-1	4.48	4.94	4.62	4.68	5.06	ppb
Molybdenum	98-1	4.70	4.68	4.74	4.71	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.13	1.13	0.79	1.02	19.11	ppb
Phosphorus	31-2	14.73	-14.91	-14.91	-5.03		ppb
Potassium	39-2	485.22	463.75	479.53	476.17	2.34	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	21.04	13.48	13.49	16.00	27.26	ppb
Selenium	78-2	1.21	3.79	6.31	3.77	67.67	ppb
Selenium	82-1	4.92	5.80	4.97	5.23	9.41	ppb
Silicon	28-1	4.11	4.65	2.75	3.84	25.54	ppb
Silver	109-1	0.96	0.96	0.95	0.96	0.50	ppb
Silver	107-1	1.00	1.01	1.02	1.01	1.19	ppb
Sodium	23-2	474.33	470.29	472.13	472.25	0.43	ppb
Strontium	86-1	0.89	0.99	0.88	0.92	6.57	ppb
Strontium	88-1	0.93	0.98	0.87	0.92	5.91	ppb
Sulfur	34-1	-1709.73	-1791.85	-1941.40	-1814.33		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.93	0.95	0.87	0.92	4.43	ppb
Thallium	205-1	0.96	0.96	0.98	0.97	1.62	ppb
Tin	118-1	4.71	4.85	4.61	4.72	2.62	ppb
Titanium	47-1	4.41	4.48	4.63	4.50	2.47	ppb
Uranium	238-1	0.88	0.91	0.93	0.91	2.59	ppb
Vanadium	51-2	4.41	4.35	4.58	4.45	2.75	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.95	2.13	2.17	2.08	5.57	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 15:37:00	DataFile Name :	014LLIC_P8032018 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.93	0.99	1.00	0.97	4.12	ppb
Zirconium	91-1	1.04	0.85	0.99	0.96	10.49	ppb

LB Number : LB94206 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-20 15:40:22 DataFile Name : 015CCBE_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.72	-0.71	-0.69	-0.71		ppb
Antimony	121-1	0.07	0.08	0.16	0.10	46.16	ppb
Arsenic	75-2	0.04	0.01	-0.02	0.01	302.22	ppb
Barium	135-1	0.02	0.00	0.02	0.01	77.07	ppb
Barium	137-1	0.02	-0.02	-0.02	-0.01		ppb
Beryllium	9-1	0.05	0.08	-0.02	0.04	149.32	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.31	3.83	3.27	3.80	13.67	ppb
Boron	11-1	5.00	4.81	4.76	4.86	2.64	ppb
Cadmium	111-1	-0.12	0.01	0.06	-0.02		ppb
Cadmium	106-1	-1.56	-0.02	0.63	-0.31		ppb
Cadmium	108-1	0.02	0.01	-0.03	0.00		ppb
Calcium	43-1	-6.14	-6.71	1.42	-3.81		ppb
Calcium	44-1	-3.37	-6.64	-3.00	-4.34		ppb
Chromium	52-2	0.06	0.01	-0.02	0.02	224.24	ppb
Cobalt	59-2	0.02	0.01	0.00	0.01	83.42	ppb
Copper	63-2	-0.02	0.02	0.01	0.00	783.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.59	0.45	0.59	0.55	15.01	ppb
Iron	57-2	-2.04	-0.27	-1.42	-1.24		ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.02	0.02	13.56	ppb
Lead	207-1	0.01	0.02	0.03	0.02	60.81	ppb
Lead	208-1	0.01	0.02	0.02	0.02	40.40	ppb
Lithium	6-1						%
Magnesium	24-2	-0.96	1.12	-3.23	-1.02		ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 15:40:22	DataFile Name :	015CCBE_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	-0.04	-0.02	-0.02		ppb
Molybdenum	94-1	0.00	0.09	0.04	0.04	94.48	ppb
Molybdenum	95-1	0.03	0.10	0.09	0.07	47.21	ppb
Molybdenum	96-1	0.05	0.08	0.10	0.08	30.31	ppb
Molybdenum	97-1	0.02	0.09	0.11	0.07	62.90	ppb
Molybdenum	98-1	0.05	0.10	0.15	0.10	51.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.30	-0.24	-0.38	-0.31		ppb
Phosphorus	31-2	-14.91	-14.91	-14.91	-14.91		ppb
Potassium	39-2	3.78	18.20	-6.64	5.11	243.91	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.72	-2.72	-2.72	-2.72		ppb
Selenium	78-2	-0.02	-0.01	-1.25	-0.43		ppb
Selenium	82-1	0.81	0.84	1.47	1.04	35.55	ppb
Silicon	28-1	-8.39	-11.11	-11.91	-10.47		ppb
Silver	109-1	0.01	0.01	0.01	0.01	33.15	ppb
Silver	107-1	0.00	0.00	0.01	0.00	91.67	ppb
Sodium	23-2	20.94	13.31	10.34	14.86	36.81	ppb
Strontium	86-1	0.00	-0.02	-0.02	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1135.68	-2088.02	-1741.90	-1655.20		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.03	0.02	0.02	33.11	ppb
Thallium	205-1	0.03	0.03	0.01	0.02	47.33	ppb
Tin	118-1	0.00	0.07	0.03	0.03	107.56	ppb
Titanium	47-1	0.02	-0.02	-0.02	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.00	0.00	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.12	-0.15	-0.11	-0.13		ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 15:40:22	DataFile Name :	015CCBE_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	-0.01	0.01	0.01	0.00	432.50	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	25.24	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 15:43:44	DataFile Name :	016ICSA0101_P8032018

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99811.45	100156.42	99395.44	99787.77	0.38	ppb
Antimony	121-1	1.27	1.28	1.36	1.31	3.93	ppb
Arsenic	75-2	0.23	0.57	0.29	0.36	49.25	ppb
Barium	135-1	1.53	1.60	1.61	1.58	2.97	ppb
Barium	137-1	1.67	1.69	1.53	1.63	5.41	ppb
Beryllium	9-1	0.43	0.33	0.32	0.36	16.71	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.70	4.95	6.68	5.78	14.98	ppb
Boron	11-1	5.02	5.14	5.54	5.23	5.17	ppb
Cadmium	111-1	0.40	0.17	0.40	0.32	41.62	ppb
Cadmium	106-1	-0.14	-2.20	-0.70	-1.01		ppb
Cadmium	108-1	7.51	8.89	8.00	8.13	8.62	ppb
Calcium	43-1	109216.34	106916.63	108228.30	108120.42	1.07	ppb
Calcium	44-1	106047.35	104607.05	107114.37	105922.92	1.19	ppb
Chromium	52-2	22.98	22.59	22.48	22.68	1.17	ppb
Cobalt	59-2	1.15	1.22	1.26	1.21	4.50	ppb
Copper	63-2	8.04	8.35	8.00	8.13	2.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	108039.40	109431.36	108043.88	108504.88	0.74	ppb
Iron	57-2	106303.70	107174.79	106418.50	106632.33	0.44	ppb
Krypton	83-1						cps
Lead	206-1	5.18	5.21	5.32	5.24	1.48	ppb
Lead	207-1	4.57	4.47	4.56	4.53	1.23	ppb
Lead	208-1	4.90	4.77	4.87	4.85	1.32	ppb
Lithium	6-1						%
Magnesium	24-2	108744.68	110567.89	107800.65	109037.74	1.29	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 15:43:44	DataFile Name :	016ICSA0101_P8032018

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.61	8.30	9.18	8.70	5.16	ppb
Molybdenum	94-1	1489.68	1474.39	1468.09	1477.39	0.75	ppb
Molybdenum	95-1	2124.21	2112.27	2118.54	2118.34	0.28	ppb
Molybdenum	96-1	2056.93	2033.90	2036.06	2042.30	0.62	ppb
Molybdenum	97-1	2126.57	2115.76	2136.20	2126.18	0.48	ppb
Molybdenum	98-1	2097.14	2113.80	2083.78	2098.24	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.09	6.03	5.53	5.89	5.26	ppb
Phosphorus	31-2	105628.67	108140.32	108034.63	107267.88	1.32	ppb
Potassium	39-2	106585.29	106581.01	106254.63	106473.65	0.18	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.72	-2.72	-2.72	-2.72		ppb
Selenium	78-2	-1.25	-1.25	-1.25	-1.25		ppb
Selenium	82-1	1.19	1.11	0.85	1.05	16.97	ppb
Silicon	28-1	22.33	20.58	22.93	21.95	5.56	ppb
Silver	109-1	0.06	0.05	0.07	0.06	15.87	ppb
Silver	107-1	0.04	0.07	0.05	0.05	20.37	ppb
Sodium	23-2	105560.91	105921.47	105027.26	105503.21	0.43	ppb
Strontium	86-1	36.67	35.93	36.30	36.30	1.01	ppb
Strontium	88-1	37.20	36.80	37.19	37.06	0.61	ppb
Sulfur	34-1	106464.27	103088.15	105529.40	105027.27	1.66	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.14	0.16	0.17	0.16	9.60	ppb
Thallium	205-1	0.15	0.15	0.18	0.16	9.26	ppb
Tin	118-1	0.16	0.23	0.20	0.19	18.61	ppb
Titanium	47-1	2176.21	2164.69	2177.11	2172.67	0.32	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	29.50	ppb
Vanadium	51-2	0.15	0.20	0.15	0.17	16.74	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	11.35	13.42	10.98	11.92	11.04	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 15:43:44	DataFile Name :	016ICSA0101_P8032018

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.25	0.23	0.25	0.24	4.39	ppb
Zirconium	91-1	0.29	0.27	0.33	0.30	9.41	ppb

LB Number : LB94206 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-20 15:47:00 DataFile Name : 017ICSB_P8032018 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92196.45	89799.93	90364.40	90786.93	1.38	ppb
Antimony	121-1	20.57	21.04	20.79	20.80	1.13	ppb
Arsenic	75-2	19.73	19.29	19.67	19.56	1.23	ppb
Barium	135-1	21.92	21.50	21.56	21.66	1.05	ppb
Barium	137-1	22.10	21.77	21.17	21.68	2.17	ppb
Beryllium	9-1	20.61	20.80	19.99	20.47	2.07	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	48.50	47.92	51.41	49.28	3.80	ppb
Boron	11-1	48.81	48.75	49.66	49.07	1.04	ppb
Cadmium	111-1	20.28	19.70	19.57	19.85	1.90	ppb
Cadmium	106-1	23.77	22.41	20.44	22.21	7.56	ppb
Cadmium	108-1	28.59	27.13	28.58	28.10	3.00	ppb
Calcium	43-1	97180.51	96725.12	96836.82	96914.15	0.24	ppb
Calcium	44-1	96459.38	95946.07	95406.65	95937.37	0.55	ppb
Chromium	52-2	40.78	39.50	41.26	40.51	2.25	ppb
Cobalt	59-2	21.86	20.96	21.17	21.33	2.19	ppb
Copper	63-2	28.46	26.93	28.33	27.91	3.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	102011.24	98586.10	100249.82	100282.39	1.71	ppb
Iron	57-2	99861.70	96400.21	98408.74	98223.55	1.77	ppb
Krypton	83-1						cps
Lead	206-1	25.13	25.45	25.06	25.21	0.84	ppb
Lead	207-1	23.02	22.28	22.80	22.70	1.68	ppb
Lead	208-1	23.87	23.80	23.71	23.79	0.33	ppb
Lithium	6-1						%
Magnesium	24-2	102229.99	98916.60	99371.13	100172.58	1.79	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 15:47:00	DataFile Name :	017ICSB_P8032018 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	28.38	28.46	28.75	28.53	0.69	ppb
Molybdenum	94-1	1438.73	1463.09	1441.48	1447.77	0.92	ppb
Molybdenum	95-1	1959.65	2010.28	1966.54	1978.82	1.39	ppb
Molybdenum	96-1	1906.87	1920.98	1895.60	1907.82	0.67	ppb
Molybdenum	97-1	1964.36	2011.98	1952.57	1976.30	1.59	ppb
Molybdenum	98-1	1934.89	1984.36	1940.67	1953.31	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.07	24.91	26.54	25.84	3.25	ppb
Phosphorus	31-2	96645.49	92827.32	96957.02	95476.61	2.41	ppb
Potassium	39-2	99279.12	96143.61	96922.12	97448.28	1.68	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	47.36	13.94	22.39	27.90	62.29	ppb
Selenium	78-2	18.24	24.67	23.50	22.13	15.48	ppb
Selenium	82-1	21.07	20.97	19.18	20.41	5.20	ppb
Silicon	28-1	63.60	63.44	62.00	63.01	1.40	ppb
Silver	109-1	19.13	19.08	18.87	19.03	0.72	ppb
Silver	107-1	19.19	19.29	18.83	19.10	1.26	ppb
Sodium	23-2	97746.87	94984.98	95683.02	96138.29	1.49	ppb
Strontium	86-1	74.88	75.18	76.06	75.38	0.81	ppb
Strontium	88-1	75.92	77.79	76.53	76.75	1.24	ppb
Sulfur	34-1	95750.54	95183.13	93936.48	94956.72	0.98	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	20.62	20.32	20.47	20.47	0.75	ppb
Thallium	205-1	20.97	20.83	20.99	20.93	0.42	ppb
Tin	118-1	42.57	43.74	42.78	43.03	1.44	ppb
Titanium	47-1	1990.95	2009.11	2005.57	2001.88	0.48	ppb
Uranium	238-1	43.12	43.46	43.32	43.30	0.39	ppb
Vanadium	51-2	19.63	19.71	19.92	19.75	0.77	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	33.36	30.38	31.47	31.74	4.75	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 15:47:00	DataFile Name :	017ICSB_P8032018 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	43.01	44.06	43.44	43.50	1.21	ppb
Zirconium	91-1	42.10	42.54	42.22	42.29	0.53	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 15:50:17	DataFile Name :	018CCV_P8032018 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49227.47	47616.39	48005.19	48283.02	1.74	ppb
Antimony	121-1	489.77	492.18	506.75	496.23	1.85	ppb
Arsenic	75-2	485.80	486.43	498.41	490.21	1.45	ppb
Barium	135-1	2510.62	2485.02	2565.37	2520.34	1.63	ppb
Barium	137-1	2508.22	2474.72	2528.64	2503.86	1.09	ppb
Beryllium	9-1	506.10	500.23	501.55	502.62	0.61	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	488.91	490.36	498.53	492.60	1.05	ppb
Boron	11-1	485.78	494.31	510.26	496.78	2.50	ppb
Cadmium	111-1	484.73	483.13	490.74	486.20	0.83	ppb
Cadmium	106-1	488.27	482.26	498.99	489.84	1.73	ppb
Cadmium	108-1	477.34	484.90	481.77	481.34	0.79	ppb
Calcium	43-1	250435.39	241608.77	246853.38	246299.18	1.80	ppb
Calcium	44-1	243185.54	239505.36	243997.54	242229.48	0.99	ppb
Chromium	52-2	512.06	507.30	516.48	511.95	0.90	ppb
Cobalt	59-2	489.79	487.12	488.84	488.58	0.28	ppb
Copper	63-2	949.00	941.88	954.49	948.46	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	123216.49	121331.15	122922.88	122490.17	0.83	ppb
Iron	57-2	120376.46	119125.72	121043.53	120181.90	0.81	ppb
Krypton	83-1						cps
Lead	206-1	504.67	504.28	501.50	503.48	0.34	ppb
Lead	207-1	501.68	496.40	499.38	499.15	0.53	ppb
Lead	208-1	501.09	499.83	504.10	501.67	0.44	ppb
Lithium	6-1						%
Magnesium	24-2	245219.13	241686.31	244971.98	243959.14	0.81	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 15:50:17	DataFile Name :	018CCV_P8032018 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	986.88	974.70	970.90	977.49	0.85	ppb
Molybdenum	94-1	2519.36	2460.57	2501.65	2493.86	1.21	ppb
Molybdenum	95-1	2519.88	2444.99	2519.83	2494.90	1.73	ppb
Molybdenum	96-1	2521.99	2469.14	2525.54	2505.56	1.26	ppb
Molybdenum	97-1	2539.29	2491.00	2522.50	2517.59	0.97	ppb
Molybdenum	98-1	2510.00	2432.12	2498.39	2480.17	1.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.15	490.68	494.39	494.74	0.86	ppb
Phosphorus	31-2	10409.00	10096.29	9773.79	10093.03	3.15	ppb
Potassium	39-2	121917.77	121937.59	123165.12	122340.16	0.58	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	568.51	444.34	501.88	504.91	12.31	ppb
Selenium	78-2	498.24	477.99	480.67	485.63	2.27	ppb
Selenium	82-1	483.55	481.55	486.41	483.84	0.50	ppb
Silicon	28-1	452.16	444.85	469.41	455.47	2.77	ppb
Silver	109-1	491.61	490.90	498.25	493.59	0.82	ppb
Silver	107-1	490.03	495.31	502.55	495.96	1.27	ppb
Sodium	23-2	250943.88	247704.24	250899.88	249849.34	0.74	ppb
Strontium	86-1	504.67	498.00	507.19	503.29	0.94	ppb
Strontium	88-1	514.94	504.99	511.21	510.38	0.98	ppb
Sulfur	34-1	11283.48	10644.98	11442.00	11123.49	3.79	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	504.01	502.68	508.08	504.93	0.56	ppb
Thallium	205-1	507.69	501.63	507.41	505.58	0.68	ppb
Tin	118-1	498.13	498.93	506.30	501.12	0.90	ppb
Titanium	47-1	2509.87	2470.02	2528.83	2502.91	1.20	ppb
Uranium	238-1	509.26	510.20	514.91	511.46	0.59	ppb
Vanadium	51-2	495.86	489.30	497.25	494.13	0.86	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1002.73	995.10	982.27	993.37	1.04	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 15:50:17	DataFile Name :	018CCV_P8032018 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	511.63	502.89	504.16	506.23	0.93	ppb
Zirconium	91-1	501.46	488.22	493.49	494.39	1.35	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P8
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:01:23	DataFile Name :	019LLCC_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.42	29.86	22.33	22.87	29.46	ppb
Antimony	121-1	2.28	2.39	2.50	2.39	4.57	ppb
Arsenic	75-2	1.06	1.26	1.18	1.16	8.50	ppb
Barium	135-1	8.92	9.76	9.43	9.37	4.49	ppb
Barium	137-1	9.24	9.56	9.41	9.40	1.70	ppb
Beryllium	9-1	1.04	1.06	1.15	1.08	5.22	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	21.76	23.76	25.62	23.71	8.16	ppb
Boron	11-1	24.41	24.83	24.02	24.42	1.66	ppb
Cadmium	111-1	0.89	0.82	0.96	0.89	7.71	ppb
Cadmium	106-1	0.48	-0.38	1.24	0.44	181.91	ppb
Cadmium	108-1	1.11	1.32	1.12	1.18	10.38	ppb
Calcium	43-1	404.47	444.25	447.73	432.15	5.56	ppb
Calcium	44-1	441.46	449.28	447.50	446.08	0.92	ppb
Chromium	52-2	1.89	1.89	1.81	1.86	2.45	ppb
Cobalt	59-2	1.07	1.05	0.87	1.00	11.00	ppb
Copper	63-2	2.08	2.04	2.03	2.05	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	52.65	52.46	51.47	52.19	1.21	ppb
Iron	57-2	50.71	58.52	62.36	57.20	10.38	ppb
Krypton	83-1						cps
Lead	206-1	1.00	0.94	0.89	0.94	5.49	ppb
Lead	207-1	0.99	0.92	0.94	0.95	3.81	ppb
Lead	208-1	0.97	0.90	0.93	0.93	3.68	ppb
Lithium	6-1						%
Magnesium	24-2	468.44	495.23	481.58	481.75	2.78	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P8
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:01:23	DataFile Name :	019LLCC_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.03	0.99	0.79	0.94	14.06	ppb
Molybdenum	94-1	5.15	5.62	5.25	5.34	4.66	ppb
Molybdenum	95-1	5.12	5.35	5.60	5.36	4.46	ppb
Molybdenum	96-1	5.05	5.08	5.41	5.18	3.87	ppb
Molybdenum	97-1	4.79	5.10	5.60	5.16	7.87	ppb
Molybdenum	98-1	4.99	4.92	5.32	5.07	4.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.05	0.71	0.94	20.70	ppb
Phosphorus	31-2	-14.91	-14.91	16.23	-4.53		ppb
Potassium	39-2	471.53	451.73	480.38	467.88	3.14	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.72	5.81	-2.72	0.13	3912.04	ppb
Selenium	78-2	-1.25	5.39	5.27	3.14	121.25	ppb
Selenium	82-1	4.24	4.19	5.40	4.61	14.81	ppb
Silicon	28-1	-3.35	-3.35	-2.72	-3.14		ppb
Silver	109-1	1.04	0.99	1.03	1.02	2.62	ppb
Silver	107-1	0.99	0.97	0.92	0.96	3.54	ppb
Sodium	23-2	524.67	509.60	510.73	515.00	1.63	ppb
Strontium	86-1	0.87	0.85	0.86	0.86	1.30	ppb
Strontium	88-1	0.94	0.96	0.93	0.94	1.90	ppb
Sulfur	34-1	-2764.02	-2430.76	-2320.65	-2505.14		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.01	1.03	1.06	1.03	2.52	ppb
Thallium	205-1	0.97	1.01	1.03	1.01	3.02	ppb
Tin	118-1	4.41	4.62	4.90	4.64	5.28	ppb
Titanium	47-1	4.88	4.80	4.75	4.81	1.36	ppb
Uranium	238-1	0.89	0.90	0.91	0.90	1.40	ppb
Vanadium	51-2	4.85	4.98	4.17	4.67	9.37	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.20	1.94	1.22	1.79	28.26	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P8
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:01:23	DataFile Name :	019LLCC_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.04	1.05	1.01	1.03	1.86	ppb
Zirconium	91-1	1.06	1.00	0.96	1.01	5.06	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:04:51	DataFile Name :	020CCBE_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.55	3.68	1.66	1.60	132.70	ppb
Antimony	121-1	0.15	0.22	0.23	0.20	20.69	ppb
Arsenic	75-2	0.01	0.07	0.07	0.05	69.33	ppb
Barium	135-1	0.01	0.01	0.00	0.01	163.55	ppb
Barium	137-1	-0.02	-0.02	-0.01	-0.02		ppb
Beryllium	9-1	0.12	0.05	0.07	0.08	48.55	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.65	3.35	2.19	2.73	21.32	ppb
Boron	11-1	3.74	3.47	3.42	3.55	4.82	ppb
Cadmium	111-1	-0.09	-0.03	-0.03	-0.05		ppb
Cadmium	106-1	-1.25	-0.33	-0.36	-0.65		ppb
Cadmium	108-1	-0.03	0.01	0.06	0.01	336.22	ppb
Calcium	43-1	-8.23	-4.25	-12.34	-8.27		ppb
Calcium	44-1	-2.76	-3.82	-2.98	-3.19		ppb
Chromium	52-2	-0.05	0.01	0.01	-0.01		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.02	0.06	0.01	0.03	90.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.64	1.99	3.16	2.60	22.55	ppb
Iron	57-2	1.86	3.83	3.31	3.00	34.05	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.02	0.02	21.14	ppb
Lead	207-1	0.05	0.04	0.05	0.05	8.58	ppb
Lead	208-1	0.03	0.03	0.03	0.03	10.29	ppb
Lithium	6-1						%
Magnesium	24-2	4.99	1.21	2.74	2.98	63.84	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:04:51	DataFile Name :	020CCBE_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.10	0.01	-0.03	0.03	261.95	ppb
Molybdenum	94-1	0.14	0.25	0.21	0.20	28.46	ppb
Molybdenum	95-1	0.16	0.27	0.30	0.24	30.04	ppb
Molybdenum	96-1	0.16	0.22	0.33	0.24	36.24	ppb
Molybdenum	97-1	0.22	0.15	0.42	0.26	52.74	ppb
Molybdenum	98-1	0.15	0.27	0.31	0.24	35.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.35	-0.30	-0.31	-0.32		ppb
Phosphorus	31-2	-14.91	-14.91	-14.91	-14.91		ppb
Potassium	39-2	17.45	6.40	33.26	19.04	70.92	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.72	-2.72	-2.72	-2.72		ppb
Selenium	78-2	0.03	1.40	-1.25	0.06	2298.17	ppb
Selenium	82-1	0.67	-0.61	0.34	0.13	492.34	ppb
Silicon	28-1	-15.06	-16.91	-15.30	-15.76		ppb
Silver	109-1	0.01	0.01	0.01	0.01	27.48	ppb
Silver	107-1	0.01	0.00	0.02	0.01	89.91	ppb
Sodium	23-2	38.68	39.88	42.39	40.32	4.70	ppb
Strontium	86-1	-0.06	-0.02	-0.04	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-2506.41	-2629.95	-2643.93	-2593.43		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.06	0.06	0.08	0.07	15.03	ppb
Thallium	205-1	0.07	0.06	0.07	0.07	8.11	ppb
Tin	118-1	0.03	0.02	0.03	0.02	31.87	ppb
Titanium	47-1	0.08	-0.02	0.00	0.02	266.33	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.00	-0.01	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.09	0.15	0.08	0.04	275.27	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:04:51	DataFile Name :	020CCBE_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.00	0.01	0.01	76.96	ppb
Zirconium	91-1	0.03	0.03	0.05	0.04	38.26	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:08:12	DataFile Name :	021SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.75	12.25	13.95	13.99	12.52	ppb
Antimony	121-1	1.99	2.03	2.05	2.02	1.41	ppb
Arsenic	75-2	0.76	1.21	0.94	0.97	23.36	ppb
Barium	135-1	9.21	8.85	9.18	9.08	2.23	ppb
Barium	137-1	9.19	9.55	9.55	9.43	2.19	ppb
Beryllium	9-1	0.99	1.02	0.95	0.99	3.53	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	25.79	23.37	21.72	23.63	8.66	ppb
Boron	11-1	21.60	24.01	25.09	23.57	7.57	ppb
Cadmium	111-1	0.87	0.76	0.89	0.84	8.13	ppb
Cadmium	106-1	0.46	-1.35	0.67	-0.07		ppb
Cadmium	108-1	0.84	1.10	1.19	1.04	17.16	ppb
Calcium	43-1	457.90	409.11	435.43	434.15	5.63	ppb
Calcium	44-1	452.10	438.03	447.43	445.85	1.61	ppb
Chromium	52-2	2.06	2.03	1.93	2.00	3.27	ppb
Cobalt	59-2	1.00	1.03	0.93	0.99	5.03	ppb
Copper	63-2	1.90	2.01	1.89	1.94	3.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	50.48	51.12	50.07	50.56	1.04	ppb
Iron	57-2	41.39	45.79	50.85	46.01	10.28	ppb
Krypton	83-1						cps
Lead	206-1	1.00	0.90	0.92	0.94	5.46	ppb
Lead	207-1	0.96	1.05	0.90	0.97	7.62	ppb
Lead	208-1	0.96	0.98	0.93	0.96	2.66	ppb
Lithium	6-1						%
Magnesium	24-2	457.66	493.01	490.85	480.51	4.12	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:08:12	DataFile Name :	021SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.09	1.20	0.76	1.02	22.48	ppb
Molybdenum	94-1	5.04	4.69	4.72	4.82	3.99	ppb
Molybdenum	95-1	4.89	4.63	4.74	4.75	2.81	ppb
Molybdenum	96-1	4.57	4.85	4.60	4.67	3.34	ppb
Molybdenum	97-1	4.69	4.76	4.57	4.67	2.09	ppb
Molybdenum	98-1	5.02	4.51	4.61	4.72	5.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.71	0.70	0.63	0.68	6.79	ppb
Phosphorus	31-2	-14.91	-14.91	-14.91	-14.91		ppb
Potassium	39-2	429.74	461.81	448.38	446.64	3.61	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.72	14.20	5.61	5.70	148.46	ppb
Selenium	78-2	2.59	1.37	13.02	5.66	113.07	ppb
Selenium	82-1	5.37	4.84	4.13	4.78	13.08	ppb
Silicon	28-1	-1.45	-4.52	-2.92	-2.96		ppb
Silver	109-1	1.01	0.93	1.00	0.98	4.33	ppb
Silver	107-1	0.98	0.94	0.97	0.96	2.21	ppb
Sodium	23-2	473.30	515.89	466.29	485.16	5.53	ppb
Strontium	86-1	0.84	0.95	0.83	0.88	7.54	ppb
Strontium	88-1	0.95	0.93	0.95	0.94	1.43	ppb
Sulfur	34-1	-2343.39	-2592.34	-2145.62	-2360.45		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.96	1.00	1.04	1.00	3.93	ppb
Thallium	205-1	0.99	0.93	1.02	0.98	5.03	ppb
Tin	118-1	4.86	4.59	4.55	4.66	3.66	ppb
Titanium	47-1	4.42	4.92	4.76	4.70	5.44	ppb
Uranium	238-1	0.87	0.88	0.91	0.89	2.05	ppb
Vanadium	51-2	4.81	4.29	4.50	4.53	5.67	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.11	2.09	1.37	1.86	22.59	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:08:12	DataFile Name :	021SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.98	0.91	0.93	0.94	3.45	ppb
Zirconium	91-1	0.94	0.98	0.87	0.93	6.18	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1892-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:11:33	DataFile Name :	022SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	873.36	937.88	907.91	906.38	3.56	ppb
Antimony	121-1	306.92	306.30	308.55	307.25	0.38	ppb
Arsenic	75-2	687.88	688.00	697.25	691.04	0.78	ppb
Barium	135-1	1935.86	1902.04	1895.84	1911.24	1.13	ppb
Barium	137-1	1913.91	1911.68	1905.09	1910.23	0.24	ppb
Beryllium	9-1	82.97	83.18	82.62	82.92	0.34	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	784.95	827.00	824.74	812.23	2.91	ppb
Boron	11-1	783.83	823.19	828.25	811.76	3.00	ppb
Cadmium	111-1	606.34	602.06	595.47	601.29	0.91	ppb
Cadmium	106-1	525.40	508.51	512.26	515.39	1.72	ppb
Cadmium	108-1	546.87	537.17	540.40	541.48	0.91	ppb
Calcium	43-1	40.94	22.45	27.43	30.27	31.60	ppb
Calcium	44-1	21.36	22.94	17.17	20.49	14.56	ppb
Chromium	52-2	549.78	543.58	549.06	547.48	0.62	ppb
Cobalt	59-2	609.83	604.08	609.75	607.89	0.54	ppb
Copper	63-2	123.15	121.31	122.94	122.47	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3280.88	3264.34	3278.21	3274.47	0.27	ppb
Iron	57-2	3287.99	3206.18	3181.68	3225.28	1.73	ppb
Krypton	83-1						cps
Lead	206-1	1248.02	1241.60	1231.65	1240.42	0.66	ppb
Lead	207-1	1196.18	1195.33	1184.75	1192.09	0.53	ppb
Lead	208-1	1220.30	1216.44	1198.62	1211.79	0.95	ppb
Lithium	6-1						%
Magnesium	24-2	4.40	-1.38	2.22	1.75	166.86	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1892-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:11:33	DataFile Name :	022SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1230.86	1218.40	1222.64	1223.97	0.52	ppb
Molybdenum	94-1	97.69	96.54	98.23	97.49	0.88	ppb
Molybdenum	95-1	139.44	138.24	138.67	138.79	0.44	ppb
Molybdenum	96-1	134.61	133.20	134.57	134.13	0.60	ppb
Molybdenum	97-1	140.45	137.40	138.66	138.84	1.10	ppb
Molybdenum	98-1	138.20	136.50	137.01	137.24	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	968.12	954.65	964.30	962.36	0.72	ppb
Phosphorus	31-2	-14.91	-14.91	17.01	-4.27		ppb
Potassium	39-2	-6.88	-15.79	-1.39	-8.02		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	898.75	763.55	849.75	837.35	8.17	ppb
Selenium	78-2	774.41	791.75	766.00	777.39	1.69	ppb
Selenium	82-1	774.17	763.93	773.80	770.63	0.75	ppb
Silicon	28-1	178.86	181.52	175.32	178.56	1.74	ppb
Silver	109-1	607.62	601.82	591.09	600.18	1.40	ppb
Silver	107-1	597.79	599.12	589.19	595.37	0.90	ppb
Sodium	23-2	73.83	77.07	77.57	76.16	2.67	ppb
Strontium	86-1	150.05	145.60	149.11	148.25	1.58	ppb
Strontium	88-1	154.00	154.51	152.38	153.63	0.72	ppb
Sulfur	34-1	-2729.05	-2847.32	-3127.85	-2901.41		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	436.85	434.03	428.90	433.26	0.93	ppb
Thallium	205-1	434.81	437.46	428.39	433.55	1.08	ppb
Tin	118-1	0.04	0.00	0.03	0.02	88.26	ppb
Titanium	47-1	0.04	0.06	0.11	0.07	52.37	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	228.86	225.56	228.20	227.54	0.77	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1887.69	1874.10	1887.25	1883.01	0.41	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1892-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:11:33	DataFile Name :	022SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.58	0.61	0.54	0.58	6.27	ppb
Zirconium	91-1	0.81	0.85	0.77	0.81	5.31	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1892-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:14:51	DataFile Name :	023SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53.43	44.56	51.81	49.93	9.45	ppb
Antimony	121-1	0.67	0.69	0.78	0.71	8.16	ppb
Arsenic	75-2	0.23	0.24	0.27	0.25	8.17	ppb
Barium	135-1	0.18	0.13	0.19	0.17	19.89	ppb
Barium	137-1	0.13	0.08	0.08	0.10	26.43	ppb
Beryllium	9-1	0.10	0.09	0.11	0.10	8.64	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	193.28	202.94	196.51	197.58	2.49	ppb
Boron	11-1	199.98	201.25	194.86	198.70	1.70	ppb
Cadmium	111-1	0.08	-0.03	-0.07	-0.01		ppb
Cadmium	106-1	0.03	-0.93	-1.31	-0.74		ppb
Cadmium	108-1	0.36	0.27	0.10	0.24	54.41	ppb
Calcium	43-1	-11.73	1.49	-3.26	-4.50		ppb
Calcium	44-1	-0.07	2.20	3.97	2.04	99.51	ppb
Chromium	52-2	0.04	0.05	0.05	0.05	12.13	ppb
Cobalt	59-2	0.07	0.05	0.07	0.06	20.38	ppb
Copper	63-2	0.04	0.07	0.08	0.06	31.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.66	3.18	3.05	2.96	9.13	ppb
Iron	57-2	4.99	1.36	2.52	2.95	62.74	ppb
Krypton	83-1						cps
Lead	206-1	0.31	0.31	0.30	0.31	2.60	ppb
Lead	207-1	0.24	0.26	0.28	0.26	6.40	ppb
Lead	208-1	0.28	0.26	0.30	0.28	5.69	ppb
Lithium	6-1						%
Magnesium	24-2	0.19	2.74	5.93	2.96	97.29	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1892-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:14:51	DataFile Name :	023SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.06	0.01	0.10	0.06	78.65	ppb
Molybdenum	94-1	3.30	3.28	3.31	3.30	0.42	ppb
Molybdenum	95-1	0.23	0.20	0.30	0.25	21.73	ppb
Molybdenum	96-1	0.59	0.70	0.64	0.64	8.59	ppb
Molybdenum	97-1	0.19	0.24	0.23	0.22	11.88	ppb
Molybdenum	98-1	0.20	0.28	0.30	0.26	21.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	0.10	0.06	0.03	240.69	ppb
Phosphorus	31-2	-14.91	-14.91	-14.91	-14.91		ppb
Potassium	39-2	-6.73	26.51	12.69	10.82	154.35	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.72	-2.72	-2.72	-2.72		ppb
Selenium	78-2	0.03	-1.25	1.40	0.06	2242.61	ppb
Selenium	82-1	1.18	1.68	1.34	1.40	18.28	ppb
Silicon	28-1	1057.25	1049.10	1044.43	1050.26	0.62	ppb
Silver	109-1	0.06	0.06	0.04	0.05	17.19	ppb
Silver	107-1	0.07	0.04	0.05	0.06	28.67	ppb
Sodium	23-2	169.81	190.82	176.85	179.16	5.97	ppb
Strontium	86-1	0.04	0.02	0.02	0.03	53.35	ppb
Strontium	88-1	0.02	0.01	0.02	0.02	32.59	ppb
Sulfur	34-1	-3520.17	-3733.88	-3486.63	-3580.23		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.17	0.15	0.16	0.16	7.66	ppb
Thallium	205-1	0.17	0.17	0.15	0.16	4.26	ppb
Tin	118-1	1354.50	1341.54	1343.55	1346.53	0.52	ppb
Titanium	47-1	249.26	247.73	248.69	248.56	0.31	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	260.59	ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	2.92	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.10	0.04	-0.09	0.02	596.34	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1892-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:14:51	DataFile Name :	023SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.02	2.02	2.00	2.01	0.43	ppb
Zirconium	91-1	1.89	1.86	1.83	1.86	1.53	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1892-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:18:11	DataFile Name :	024SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.88	-2.63	0.98	-0.84		ppb
Antimony	121-1	0.02	0.04	0.04	0.03	40.35	ppb
Arsenic	75-2	0.05	0.05	0.03	0.05	29.26	ppb
Barium	135-1	0.53	0.54	0.45	0.51	9.53	ppb
Barium	137-1	0.46	0.43	0.46	0.45	3.66	ppb
Beryllium	9-1	-0.01	0.00	0.01	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	14.21	16.82	13.15	14.73	12.82	ppb
Boron	11-1	16.81	14.05	13.77	14.87	11.29	ppb
Cadmium	111-1	-0.10	-0.05	-0.02	-0.06		ppb
Cadmium	106-1	-1.79	-0.88	-0.82	-1.16		ppb
Cadmium	108-1	0.14	0.07	0.08	0.10	39.35	ppb
Calcium	43-1	36281.91	36433.46	36569.20	36428.19	0.39	ppb
Calcium	44-1	36691.99	36177.27	36511.83	36460.36	0.72	ppb
Chromium	52-2	0.03	-0.01	-0.02	0.00	875.17	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.04	0.03	0.06	0.05	33.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.42	0.39	0.53	0.45	16.34	ppb
Iron	57-2	-1.06	1.07	0.09	0.03	3315.61	ppb
Krypton	83-1						cps
Lead	206-1	0.42	0.39	0.45	0.42	6.50	ppb
Lead	207-1	0.36	0.40	0.44	0.40	10.67	ppb
Lead	208-1	0.40	0.43	0.43	0.42	4.17	ppb
Lithium	6-1						%
Magnesium	24-2	10446.69	10449.01	10855.19	10583.63	2.22	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1892-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:18:11	DataFile Name :	024SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.29	0.17	0.20	0.22	27.42	ppb
Molybdenum	94-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	95-1	0.05	0.07	0.10	0.07	35.81	ppb
Molybdenum	96-1	0.01	0.02	0.06	0.03	73.32	ppb
Molybdenum	97-1	0.01	-0.01	0.04	0.01	150.91	ppb
Molybdenum	98-1	0.04	0.02	0.05	0.04	44.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.48	-0.43	-0.41	-0.44		ppb
Phosphorus	31-2	-14.91	-14.91	-14.91	-14.91		ppb
Potassium	39-2	33714.51	33985.98	34737.16	34145.88	1.55	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.72	4.41	-2.72	-0.34		ppb
Selenium	78-2	-0.16	-1.25	0.99	-0.14		ppb
Selenium	82-1	0.82	-0.10	0.47	0.39	117.56	ppb
Silicon	28-1	-54.60	-54.72	-54.04	-54.45		ppb
Silver	109-1	0.01	0.02	0.02	0.02	45.92	ppb
Silver	107-1	0.03	0.02	0.01	0.02	34.02	ppb
Sodium	23-2	39706.20	39709.52	40997.22	40137.65	1.85	ppb
Strontium	86-1	15.49	15.37	15.53	15.46	0.53	ppb
Strontium	88-1	15.96	15.79	16.07	15.94	0.89	ppb
Sulfur	34-1	-6925.61	-6783.19	-6158.60	-6622.47		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.07	0.06	0.05	0.06	11.99	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	4.08	ppb
Tin	118-1	0.24	0.22	0.19	0.21	10.72	ppb
Titanium	47-1	0.00	-0.02	0.06	0.01	415.19	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.77	0.34	0.47	0.53	41.48	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1892-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:18:11	DataFile Name :	024SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	-0.01	-0.03	-0.02	-0.02		ppb
Zirconium	91-1	0.00	0.01	-0.01	0.00		ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1891-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:21:32	DataFile Name :	025SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44.14	48.00	50.33	47.49	6.59	ppb
Antimony	121-1	0.20	0.21	0.26	0.22	15.31	ppb
Arsenic	75-2	0.30	0.01	0.07	0.13	119.96	ppb
Barium	135-1	0.06	0.04	0.08	0.06	35.59	ppb
Barium	137-1	0.04	0.07	0.06	0.05	27.43	ppb
Beryllium	9-1	0.06	0.07	0.07	0.07	12.51	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	174.16	170.99	184.24	176.46	3.92	ppb
Boron	11-1	175.42	176.41	177.87	176.57	0.70	ppb
Cadmium	111-1	0.00	-0.08	-0.05	-0.04		ppb
Cadmium	106-1	0.07	-1.15	-0.44	-0.50		ppb
Cadmium	108-1	0.32	0.27	0.36	0.31	14.05	ppb
Calcium	43-1	-10.67	-10.91	-4.59	-8.72		ppb
Calcium	44-1	5.44	-0.66	2.10	2.29	133.06	ppb
Chromium	52-2	0.05	0.13	0.10	0.09	41.81	ppb
Cobalt	59-2	0.05	0.06	0.05	0.05	13.45	ppb
Copper	63-2	0.09	0.11	0.07	0.09	22.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.85	2.06	2.36	2.09	12.31	ppb
Iron	57-2	0.67	1.28	0.02	0.66	96.31	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.34	0.29	0.29	14.70	ppb
Lead	207-1	0.25	0.28	0.32	0.28	11.99	ppb
Lead	208-1	0.27	0.29	0.30	0.29	4.89	ppb
Lithium	6-1						%
Magnesium	24-2	0.86	-0.09	-0.05	0.24	225.83	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1891-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:21:32	DataFile Name :	025SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.06	0.06	0.04	0.05	26.49	ppb
Molybdenum	94-1	2.66	2.61	2.81	2.70	3.85	ppb
Molybdenum	95-1	0.07	0.13	0.17	0.12	40.97	ppb
Molybdenum	96-1	0.40	0.42	0.52	0.45	14.97	ppb
Molybdenum	97-1	0.03	0.10	0.17	0.10	67.13	ppb
Molybdenum	98-1	0.08	0.12	0.20	0.13	45.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.13	0.04	0.03	0.07	77.96	ppb
Phosphorus	31-2	16.92	16.67	-14.91	6.23	293.90	ppb
Potassium	39-2	10.56	22.32	5.79	12.89	65.99	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.72	-2.72	-2.72	-2.72		ppb
Selenium	78-2	-1.25	-1.25	-1.25	-1.25		ppb
Selenium	82-1	0.46	1.34	1.29	1.03	47.73	ppb
Silicon	28-1	1077.66	1045.97	1048.54	1057.39	1.66	ppb
Silver	109-1	0.02	0.02	0.03	0.03	29.12	ppb
Silver	107-1	0.04	0.03	0.02	0.03	39.13	ppb
Sodium	23-2	182.43	178.76	180.14	180.44	1.03	ppb
Strontium	86-1	-0.05	-0.01	-0.02	-0.02		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	26.38	ppb
Sulfur	34-1	-1216.14	-2040.24	-1831.29	-1695.89		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.06	0.08	0.08	0.07	19.86	ppb
Thallium	205-1	0.08	0.08	0.07	0.08	9.92	ppb
Tin	118-1	1377.24	1328.83	1339.23	1348.43	1.89	ppb
Titanium	47-1	249.44	243.27	244.60	245.77	1.32	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.00	-0.01	0.00	1656.86	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.01	0.23	0.03	0.08	147.24	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1891-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:21:32	DataFile Name :	025SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.67	1.66	1.74	1.69	2.49	ppb
Zirconium	91-1	1.75	1.54	1.61	1.64	6.39	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1891-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:24:53	DataFile Name :	026SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.63	-2.63	-2.63	-2.63		ppb
Antimony	121-1	-0.04	-0.03	-0.03	-0.03		ppb
Arsenic	75-2	0.01	0.01	0.03	0.01	101.67	ppb
Barium	135-1	0.53	0.46	0.51	0.50	7.39	ppb
Barium	137-1	0.44	0.40	0.47	0.44	8.57	ppb
Beryllium	9-1	0.02	0.02	-0.01	0.01	215.98	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.78	9.63	10.53	9.65	9.06	ppb
Boron	11-1	10.23	9.30	9.53	9.69	4.99	ppb
Cadmium	111-1	-0.10	-0.07	-0.05	-0.07		ppb
Cadmium	106-1	-1.53	-0.93	-0.75	-1.07		ppb
Cadmium	108-1	0.00	0.11	0.01	0.04	150.91	ppb
Calcium	43-1	36175.25	35937.37	36421.39	36178.01	0.67	ppb
Calcium	44-1	36260.49	35661.02	36057.01	35992.84	0.85	ppb
Chromium	52-2	0.01	0.00	0.05	0.02	132.08	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.04	0.07	0.04	0.05	36.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.24	0.20	0.05	0.16	59.22	ppb
Iron	57-2	1.09	1.15	-1.60	0.21	750.93	ppb
Krypton	83-1						cps
Lead	206-1	0.31	0.33	0.38	0.34	10.94	ppb
Lead	207-1	0.29	0.31	0.35	0.31	9.68	ppb
Lead	208-1	0.30	0.33	0.38	0.34	11.21	ppb
Lithium	6-1						%
Magnesium	24-2	10449.62	10662.84	10361.90	10491.45	1.48	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1891-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:24:53	DataFile Name :	026SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.12	0.02	0.21	0.12	81.90	ppb
Molybdenum	94-1	-0.01	-0.02	-0.03	-0.02		ppb
Molybdenum	95-1	-0.01	0.01	0.06	0.02	152.90	ppb
Molybdenum	96-1	-0.03	-0.01	0.01	-0.01		ppb
Molybdenum	97-1	-0.04	-0.05	-0.02	-0.04		ppb
Molybdenum	98-1	0.00	-0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.28	-0.38	-0.38	-0.35		ppb
Phosphorus	31-2	11.52	-14.91	-14.91	-6.10		ppb
Potassium	39-2	33851.69	34622.25	33858.80	34110.91	1.30	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.72	-2.72	-2.72	-2.72		ppb
Selenium	78-2	0.93	-0.16	-0.15	0.21	300.77	ppb
Selenium	82-1	0.77	0.45	0.88	0.70	31.88	ppb
Silicon	28-1	-55.68	-55.61	-53.81	-55.03		ppb
Silver	109-1	0.01	0.01	0.02	0.01	34.32	ppb
Silver	107-1	0.00	0.01	0.01	0.01	61.50	ppb
Sodium	23-2	40153.85	40970.72	40085.39	40403.32	1.22	ppb
Strontium	86-1	15.39	15.62	15.36	15.46	0.94	ppb
Strontium	88-1	16.09	16.00	16.01	16.03	0.31	ppb
Sulfur	34-1	-6324.33	-6175.20	-5699.32	-6066.28		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.02	0.03	0.03	16.26	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	25.11	ppb
Tin	118-1	0.27	0.21	0.24	0.24	11.91	ppb
Titanium	47-1	0.05	-0.05	0.00	0.00	2865.36	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.71	0.33	0.37	0.47	44.62	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1891-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:24:53	DataFile Name :	026SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	-0.02	-0.01	-0.03	-0.02		ppb
Zirconium	91-1	0.00	0.02	0.02	0.01	61.82	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1891-06RE	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPRE	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:28:12	DataFile Name :	027SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.56	-2.63	0.92	0.28	947.16	ppb
Antimony	121-1	-0.05	-0.03	-0.02	-0.03		ppb
Arsenic	75-2	0.03	0.01	0.03	0.02	63.59	ppb
Barium	135-1	0.45	0.48	0.58	0.50	14.33	ppb
Barium	137-1	0.47	0.54	0.52	0.51	6.97	ppb
Beryllium	9-1	-0.02	0.01	0.03	0.00	856.92	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.55	5.01	7.04	5.87	17.88	ppb
Boron	11-1	6.30	6.86	5.82	6.33	8.22	ppb
Cadmium	111-1	0.09	-0.09	-0.09	-0.03		ppb
Cadmium	106-1	1.29	-1.21	-1.14	-0.35		ppb
Cadmium	108-1	0.01	0.09	0.19	0.10	98.32	ppb
Calcium	43-1	36477.52	40253.01	37384.42	38038.32	5.18	ppb
Calcium	44-1	36212.32	39934.20	37189.50	37778.67	5.11	ppb
Chromium	52-2	-0.01	0.01	-0.01	0.00		ppb
Cobalt	59-2	-0.02	0.00	-0.02	-0.01		ppb
Copper	63-2	0.09	0.05	0.06	0.07	27.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.34	0.45	0.29	0.36	22.88	ppb
Iron	57-2	-1.10	-0.54	-1.58	-1.07		ppb
Krypton	83-1						cps
Lead	206-1	0.35	0.42	0.40	0.39	9.77	ppb
Lead	207-1	0.30	0.42	0.43	0.38	18.47	ppb
Lead	208-1	0.33	0.43	0.40	0.39	12.97	ppb
Lithium	6-1						%
Magnesium	24-2	10594.07	10460.68	10395.86	10483.54	0.96	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1891-06RE	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPRE	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:28:12	DataFile Name :	027SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.21	0.21	0.27	0.23	15.94	ppb
Molybdenum	94-1	-0.06	-0.04	-0.01	-0.04		ppb
Molybdenum	95-1	-0.01	0.00	0.02	0.00	605.61	ppb
Molybdenum	96-1	-0.05	-0.02	-0.03	-0.03		ppb
Molybdenum	97-1	-0.07	-0.04	-0.02	-0.04		ppb
Molybdenum	98-1	-0.01	-0.02	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.32	-0.39	-0.51	-0.40		ppb
Phosphorus	31-2	11.00	-14.91	-14.91	-6.27		ppb
Potassium	39-2	33679.06	34166.30	33866.64	33904.00	0.72	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.72	-2.72	-2.72	-2.72		ppb
Selenium	78-2	0.90	0.94	-0.13	0.57	107.17	ppb
Selenium	82-1	0.74	0.69	0.35	0.59	35.24	ppb
Silicon	28-1	-53.73	-44.71	-51.43	-49.96		ppb
Silver	109-1	0.01	0.01	0.01	0.01	18.56	ppb
Silver	107-1	0.00	0.01	0.00	0.00	31.98	ppb
Sodium	23-2	39536.06	40179.75	40384.45	40033.42	1.11	ppb
Strontium	86-1	15.97	17.44	16.27	16.56	4.69	ppb
Strontium	88-1	16.20	17.84	16.60	16.88	5.04	ppb
Sulfur	34-1	-5065.76	-3508.82	-4480.03	-4351.54		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.03	0.02	0.03	11.89	ppb
Thallium	205-1	0.02	0.04	0.02	0.03	46.12	ppb
Tin	118-1	-0.03	0.00	-0.01	-0.01		ppb
Titanium	47-1	-0.03	-0.05	-0.02	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.30	0.02	0.19	0.17	85.06	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1891-06RE	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPRE	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:28:12	DataFile Name :	027SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	-0.02	-0.03	-0.03	-0.03		ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	112.36	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1892-06RE	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPRE	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:31:33	DataFile Name :	028SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.96	-2.63	0.81	-0.93		ppb
Antimony	121-1	-0.06	-0.05	-0.05	-0.05		ppb
Arsenic	75-2	0.08	0.03	0.05	0.05	44.06	ppb
Barium	135-1	0.49	0.48	0.49	0.49	0.48	ppb
Barium	137-1	0.40	0.49	0.42	0.43	10.77	ppb
Beryllium	9-1	-0.01	0.02	0.01	0.01	137.42	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.44	4.92	4.80	5.05	6.74	ppb
Boron	11-1	4.78	4.61	4.38	4.59	4.34	ppb
Cadmium	111-1	-0.06	0.00	0.01	-0.01		ppb
Cadmium	106-1	-0.66	0.01	0.24	-0.14		ppb
Cadmium	108-1	0.15	0.01	0.08	0.08	91.70	ppb
Calcium	43-1	36129.24	35881.45	36418.76	36143.15	0.74	ppb
Calcium	44-1	36267.25	35893.11	36335.54	36165.30	0.66	ppb
Chromium	52-2	-0.07	-0.04	-0.07	-0.06		ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.03	0.03	0.04	0.03	5.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.33	0.23	0.47	0.34	35.76	ppb
Iron	57-2	-1.16	-2.15	-1.10	-1.47		ppb
Krypton	83-1						cps
Lead	206-1	0.34	0.37	0.39	0.37	7.58	ppb
Lead	207-1	0.37	0.34	0.41	0.37	9.72	ppb
Lead	208-1	0.34	0.36	0.39	0.36	7.34	ppb
Lithium	6-1						%
Magnesium	24-2	10358.80	10347.78	10505.42	10404.00	0.85	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1892-06RE	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPRE	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:31:33	DataFile Name :	028SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.18	0.19	0.15	0.17	11.62	ppb
Molybdenum	94-1	-0.08	-0.06	-0.05	-0.06		ppb
Molybdenum	95-1	-0.01	-0.02	0.01	0.00		ppb
Molybdenum	96-1	-0.03	-0.03	-0.03	-0.03		ppb
Molybdenum	97-1	-0.07	-0.03	-0.05	-0.05		ppb
Molybdenum	98-1	-0.01	-0.03	-0.01	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.48	-0.36	-0.40	-0.41		ppb
Phosphorus	31-2	35.39	-14.91	-14.91	1.86	1562.32	ppb
Potassium	39-2	33524.70	33786.46	33851.66	33720.94	0.51	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.72	4.31	-2.72	-0.38		ppb
Selenium	78-2	-1.25	-0.16	-1.25	-0.89		ppb
Selenium	82-1	0.74	1.11	0.34	0.73	53.27	ppb
Silicon	28-1	-53.84	-55.03	-53.00	-53.96		ppb
Silver	109-1	0.01	0.01	0.01	0.01	42.06	ppb
Silver	107-1	0.00	0.00	0.01	0.00	84.38	ppb
Sodium	23-2	39198.96	40159.05	39799.64	39719.22	1.22	ppb
Strontium	86-1	16.14	15.80	15.67	15.87	1.55	ppb
Strontium	88-1	16.06	15.90	16.05	16.00	0.55	ppb
Sulfur	34-1	-5031.20	-4840.27	-4551.41	-4807.63		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.01	0.02	29.46	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	34.80	ppb
Tin	118-1	-0.08	-0.08	-0.09	-0.08		ppb
Titanium	47-1	0.03	-0.04	-0.07	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.06	0.30	0.49	0.28	76.51	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1892-06RE	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPRE	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:31:33	DataFile Name :	028SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	-0.01	-0.02	-0.02	-0.02		ppb
Zirconium	91-1	0.03	-0.01	0.02	0.01	157.55	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1891-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:41:36	DataFile Name :	030SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	895.01	931.61	938.64	921.75	2.54	ppb
Antimony	121-1	301.43	309.88	320.97	310.76	3.15	ppb
Arsenic	75-2	678.62	685.26	679.27	681.05	0.54	ppb
Barium	135-1	1901.17	1928.62	2012.95	1947.58	2.99	ppb
Barium	137-1	1867.63	1917.19	2016.66	1933.83	3.92	ppb
Beryllium	9-1	80.30	81.10	85.13	82.18	3.15	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	779.66	821.25	868.47	823.13	5.40	ppb
Boron	11-1	772.26	802.32	862.78	812.45	5.67	ppb
Cadmium	111-1	590.55	599.65	626.32	605.51	3.07	ppb
Cadmium	106-1	503.32	524.22	540.69	522.74	3.58	ppb
Cadmium	108-1	530.50	541.33	562.24	544.69	2.96	ppb
Calcium	43-1	29.25	41.93	30.58	33.92	20.55	ppb
Calcium	44-1	20.03	20.92	25.49	22.15	13.24	ppb
Chromium	52-2	537.64	543.64	533.32	538.20	0.96	ppb
Cobalt	59-2	599.53	605.00	599.56	601.36	0.52	ppb
Copper	63-2	121.20	121.55	120.35	121.03	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3230.87	3278.99	3225.71	3245.19	0.91	ppb
Iron	57-2	3215.90	3266.14	3127.63	3203.22	2.19	ppb
Krypton	83-1						cps
Lead	206-1	1243.01	1255.49	1308.18	1268.89	2.73	ppb
Lead	207-1	1181.59	1200.23	1261.24	1214.35	3.43	ppb
Lead	208-1	1203.32	1220.27	1277.79	1233.79	3.16	ppb
Lithium	6-1						%
Magnesium	24-2	-1.36	-1.21	2.21	-0.12		ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1891-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:41:36	DataFile Name :	030SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1198.51	1220.96	1202.53	1207.33	0.99	ppb
Molybdenum	94-1	95.43	98.25	103.72	99.14	4.25	ppb
Molybdenum	95-1	137.22	138.39	148.18	141.26	4.26	ppb
Molybdenum	96-1	130.29	134.35	143.17	135.94	4.84	ppb
Molybdenum	97-1	136.59	139.59	146.91	141.03	3.76	ppb
Molybdenum	98-1	136.17	137.54	145.56	139.76	3.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	948.86	950.27	938.98	946.04	0.65	ppb
Phosphorus	31-2	-14.91	-14.91	16.97	-4.28		ppb
Potassium	39-2	12.69	17.95	-1.63	9.67	104.76	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	783.26	764.00	866.85	804.70	6.79	ppb
Selenium	78-2	774.47	728.08	834.78	779.11	6.87	ppb
Selenium	82-1	759.48	765.13	824.22	782.94	4.58	ppb
Silicon	28-1	169.88	174.69	194.81	179.79	7.36	ppb
Silver	109-1	582.47	596.05	624.17	600.89	3.54	ppb
Silver	107-1	581.92	598.01	623.26	601.06	3.47	ppb
Sodium	23-2	63.13	63.46	64.11	63.57	0.78	ppb
Strontium	86-1	145.60	148.17	156.25	150.01	3.70	ppb
Strontium	88-1	152.13	153.42	162.94	156.16	3.78	ppb
Sulfur	34-1	-1096.73	-941.29	301.66	-578.79		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	431.50	441.77	462.76	445.34	3.58	ppb
Thallium	205-1	434.26	440.67	462.55	445.83	3.33	ppb
Tin	118-1	0.09	0.10	0.12	0.10	17.57	ppb
Titanium	47-1	0.11	-0.07	0.15	0.06	181.79	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	224.90	225.97	225.97	225.61	0.27	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1851.73	1898.19	1858.52	1869.48	1.34	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1891-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:41:36	DataFile Name :	030SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.26	0.30	0.27	0.28	6.59	ppb
Zirconium	91-1	0.48	0.54	0.50	0.50	6.12	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:44:53	DataFile Name :	031CCV_P8032018 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49677.91	49455.68	49778.20	49637.26	0.33	ppb
Antimony	121-1	493.38	493.37	485.64	490.79	0.91	ppb
Arsenic	75-2	481.89	488.49	489.47	486.61	0.85	ppb
Barium	135-1	2500.58	2514.85	2466.76	2494.07	0.99	ppb
Barium	137-1	2456.07	2489.05	2469.65	2471.59	0.67	ppb
Beryllium	9-1	498.75	496.94	490.94	495.54	0.83	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	523.96	523.56	530.09	525.87	0.70	ppb
Boron	11-1	518.74	527.14	527.45	524.44	0.94	ppb
Cadmium	111-1	480.29	484.98	476.95	480.74	0.84	ppb
Cadmium	106-1	483.09	484.62	481.49	483.07	0.32	ppb
Cadmium	108-1	476.95	480.36	476.12	477.81	0.47	ppb
Calcium	43-1	241590.40	245153.53	244413.61	243719.18	0.77	ppb
Calcium	44-1	238047.93	241069.94	239703.73	239607.20	0.63	ppb
Chromium	52-2	508.78	513.97	503.00	508.58	1.08	ppb
Cobalt	59-2	493.46	492.01	486.11	490.52	0.79	ppb
Copper	63-2	959.42	961.67	948.20	956.43	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	123861.25	123645.31	122405.05	123303.87	0.64	ppb
Iron	57-2	121098.08	121280.41	120320.67	120899.72	0.42	ppb
Krypton	83-1						cps
Lead	206-1	505.84	503.94	508.85	506.21	0.49	ppb
Lead	207-1	502.16	502.94	505.44	503.51	0.34	ppb
Lead	208-1	501.02	505.27	503.83	503.37	0.43	ppb
Lithium	6-1						%
Magnesium	24-2	249254.43	250730.99	247343.26	249109.56	0.68	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:44:53	DataFile Name :	031CCV_P8032018 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	984.27	996.89	972.29	984.48	1.25	ppb
Molybdenum	94-1	2498.79	2545.32	2458.12	2500.74	1.74	ppb
Molybdenum	95-1	2475.42	2559.82	2470.45	2501.90	2.01	ppb
Molybdenum	96-1	2499.59	2546.50	2480.12	2508.74	1.36	ppb
Molybdenum	97-1	2505.08	2575.21	2479.48	2519.92	1.97	ppb
Molybdenum	98-1	2468.53	2522.46	2466.00	2485.67	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.01	500.01	495.84	497.95	0.42	ppb
Phosphorus	31-2	9194.89	10394.30	9728.61	9772.60	6.15	ppb
Potassium	39-2	121559.78	120981.96	122336.00	121625.91	0.56	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	433.08	618.72	514.65	522.15	17.82	ppb
Selenium	78-2	476.26	548.22	452.89	492.46	10.09	ppb
Selenium	82-1	485.75	488.10	480.97	484.94	0.75	ppb
Silicon	28-1	434.27	451.79	448.82	444.96	2.11	ppb
Silver	109-1	491.22	491.32	482.20	488.25	1.07	ppb
Silver	107-1	487.50	482.68	478.55	482.91	0.93	ppb
Sodium	23-2	254906.91	255738.32	252817.84	254487.69	0.59	ppb
Strontium	86-1	498.19	512.12	501.20	503.84	1.45	ppb
Strontium	88-1	505.69	518.75	500.95	508.46	1.81	ppb
Sulfur	34-1	12256.25	12570.63	12001.80	12276.23	2.32	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	508.48	515.43	504.77	509.56	1.06	ppb
Thallium	205-1	501.84	506.35	502.96	503.72	0.47	ppb
Tin	118-1	494.87	498.99	486.73	493.53	1.26	ppb
Titanium	47-1	2495.61	2482.35	2491.84	2489.94	0.27	ppb
Uranium	238-1	511.28	517.34	508.63	512.42	0.87	ppb
Vanadium	51-2	495.84	500.24	485.71	493.93	1.51	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	993.31	1014.23	999.16	1002.23	1.08	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:44:53	DataFile Name :	031CCV_P8032018 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	504.09	514.53	499.66	506.09	1.51	ppb
Zirconium	91-1	490.35	499.47	485.24	491.68	1.47	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:53:52	DataFile Name :	032CCBE_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.56	-0.53	-2.63	-1.24		ppb
Antimony	121-1	0.36	0.50	0.62	0.49	27.01	ppb
Arsenic	75-2	0.18	0.07	0.07	0.10	62.51	ppb
Barium	135-1	0.00	0.02	0.03	0.02	82.30	ppb
Barium	137-1	-0.02	0.00	0.00	-0.01		ppb
Beryllium	9-1	0.10	0.03	0.11	0.08	50.45	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	10.05	10.14	9.58	9.92	3.06	ppb
Boron	11-1	10.25	10.28	10.22	10.25	0.27	ppb
Cadmium	111-1	-0.07	-0.04	0.00	-0.04		ppb
Cadmium	106-1	-1.15	-0.56	-0.25	-0.65		ppb
Cadmium	108-1	0.05	0.09	0.05	0.07	33.26	ppb
Calcium	43-1	-17.13	-25.93	-25.49	-22.85		ppb
Calcium	44-1	-5.70	-5.91	-3.66	-5.09		ppb
Chromium	52-2	0.06	0.03	-0.02	0.03	162.50	ppb
Cobalt	59-2	0.01	-0.01	0.02	0.01	178.49	ppb
Copper	63-2	0.06	0.07	0.07	0.07	9.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.10	1.99	2.09	2.06	3.17	ppb
Iron	57-2	1.20	1.27	2.51	1.66	44.26	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.03	0.04	0.03	38.13	ppb
Lead	207-1	0.03	0.04	0.04	0.03	6.60	ppb
Lead	208-1	0.03	0.04	0.04	0.04	17.60	ppb
Lithium	6-1						%
Magnesium	24-2	-1.12	-0.12	2.43	0.40	459.50	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:53:52	DataFile Name :	032CCBE_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.12	0.03	-0.03	0.04	193.18	ppb
Molybdenum	94-1	0.21	0.45	0.45	0.37	36.29	ppb
Molybdenum	95-1	0.33	0.52	0.63	0.49	30.65	ppb
Molybdenum	96-1	0.31	0.47	0.54	0.44	27.60	ppb
Molybdenum	97-1	0.31	0.40	0.67	0.46	39.91	ppb
Molybdenum	98-1	0.32	0.46	0.61	0.46	31.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.38	-0.45	-0.34	-0.39		ppb
Phosphorus	31-2	-14.91	-14.91	-14.91	-14.91		ppb
Potassium	39-2	0.26	12.69	13.96	8.97	84.43	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	13.79	-2.72	-2.72	2.79	342.15	ppb
Selenium	78-2	-1.25	0.04	1.29	0.03	4956.52	ppb
Selenium	82-1	0.58	0.57	0.82	0.66	21.43	ppb
Silicon	28-1	-19.54	-23.22	-20.53	-21.10		ppb
Silver	109-1	0.02	0.01	0.03	0.02	33.36	ppb
Silver	107-1	0.02	0.02	0.01	0.01	19.91	ppb
Sodium	23-2	40.02	35.49	40.62	38.71	7.25	ppb
Strontium	86-1	-0.01	-0.04	-0.05	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	262.10	ppb
Sulfur	34-1	-2164.38	-2364.72	-1670.26	-2066.45		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.10	0.10	0.11	0.10	8.05	ppb
Thallium	205-1	0.11	0.08	0.07	0.09	23.41	ppb
Tin	118-1	0.07	0.08	0.16	0.11	47.17	ppb
Titanium	47-1	-0.04	0.04	0.07	0.02	298.87	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	21.71	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	808.67	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.09	-0.17	0.22	-0.01		ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:53:52	DataFile Name :	032CCBE_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.03	0.04	0.03	33.89	ppb
Zirconium	91-1	0.01	0.04	0.03	0.03	49.08	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1892-06DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-03-20 17:00:34	DataFile Name :	034SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.71	-0.63	-2.63	-1.33		ppb
Antimony	121-1	0.03	0.06	0.12	0.07	65.81	ppb
Arsenic	75-2	0.01	0.09	0.03	0.04	93.82	ppb
Barium	135-1	0.21	0.23	0.28	0.24	14.44	ppb
Barium	137-1	0.20	0.22	0.23	0.22	6.38	ppb
Beryllium	9-1	0.06	0.03	0.04	0.05	32.93	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.41	6.13	5.70	5.75	6.27	ppb
Boron	11-1	6.10	6.22	5.69	6.00	4.67	ppb
Cadmium	111-1	0.02	0.03	-0.12	-0.02		ppb
Cadmium	106-1	0.12	0.29	-1.50	-0.36		ppb
Cadmium	108-1	0.05	0.05	-0.03	0.02	205.85	ppb
Calcium	43-1	17701.74	17607.06	17926.72	17745.17	0.93	ppb
Calcium	44-1	17616.88	17614.47	17986.18	17739.18	1.21	ppb
Chromium	52-2	0.06	0.02	-0.05	0.01	578.50	ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00		ppb
Copper	63-2	0.03	0.07	0.02	0.04	54.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.20	1.22	1.08	1.17	6.62	ppb
Iron	57-2	0.31	-1.37	2.12	0.35	496.78	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.13	0.15	0.14	9.01	ppb
Lead	207-1	0.13	0.17	0.12	0.14	15.78	ppb
Lead	208-1	0.14	0.14	0.13	0.13	3.30	ppb
Lithium	6-1						%
Magnesium	24-2	5268.60	5335.04	5123.67	5242.44	2.06	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1892-06DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-03-20 17:00:34	DataFile Name :	034SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.14	0.26	0.14	94.48	ppb
Molybdenum	94-1	0.02	0.07	0.07	0.05	61.98	ppb
Molybdenum	95-1	0.06	0.06	0.16	0.09	60.57	ppb
Molybdenum	96-1	0.07	0.06	0.11	0.08	33.37	ppb
Molybdenum	97-1	0.03	0.04	0.10	0.06	68.31	ppb
Molybdenum	98-1	0.06	0.06	0.15	0.09	61.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.47	-0.29	-0.23	-0.33		ppb
Phosphorus	31-2	-14.91	-14.91	-14.91	-14.91		ppb
Potassium	39-2	16703.39	17078.14	16734.76	16838.76	1.23	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.72	-2.72	4.99	-0.15		ppb
Selenium	78-2	-0.05	-0.04	-0.05	-0.05		ppb
Selenium	82-1	1.14	0.77	0.47	0.80	42.24	ppb
Silicon	28-1	-35.81	-38.42	-36.53	-36.92		ppb
Silver	109-1	0.01	0.01	0.01	0.01	33.70	ppb
Silver	107-1	0.01	0.01	0.00	0.01	63.18	ppb
Sodium	23-2	19324.58	19825.85	19463.50	19537.97	1.32	ppb
Strontium	86-1	7.58	7.58	7.79	7.65	1.56	ppb
Strontium	88-1	7.84	7.77	7.81	7.81	0.42	ppb
Sulfur	34-1	-2086.93	-2304.63	-1887.78	-2093.11		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.08	0.06	0.04	0.06	29.64	ppb
Thallium	205-1	0.05	0.06	0.04	0.05	19.72	ppb
Tin	118-1	-0.08	-0.08	-0.06	-0.07		ppb
Titanium	47-1	-0.10	-0.04	-0.07	-0.07		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.02	0.00	0.01	157.24	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.05	0.19	0.10	0.08	144.99	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1892-06DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-03-20 17:00:34	DataFile Name :	034SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	0.01	-0.01	0.00	0.00	734.97	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1891-06DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-03-20 17:03:54	DataFile Name :	035SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.49	-0.69	-0.72	-0.63		ppb
Antimony	121-1	-0.01	0.03	0.05	0.02	141.24	ppb
Arsenic	75-2	0.04	-0.02	-0.02	0.00	2400.00	ppb
Barium	135-1	0.18	0.23	0.24	0.22	14.21	ppb
Barium	137-1	0.19	0.22	0.25	0.22	12.90	ppb
Beryllium	9-1	0.04	0.05	0.01	0.03	56.44	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.17	3.97	4.33	4.82	24.45	ppb
Boron	11-1	4.92	4.83	5.64	5.13	8.71	ppb
Cadmium	111-1	-0.01	-0.07	-0.13	-0.07		ppb
Cadmium	106-1	-0.10	-1.21	-1.72	-1.01		ppb
Cadmium	108-1	0.13	0.01	0.01	0.05	138.67	ppb
Calcium	43-1	17776.89	17751.66	17752.78	17760.45	0.08	ppb
Calcium	44-1	17704.97	17741.50	17920.45	17788.97	0.65	ppb
Chromium	52-2	-0.02	-0.03	-0.03	-0.03		ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00		ppb
Copper	63-2	0.09	0.08	0.08	0.09	5.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.92	0.48	0.56	0.65	36.02	ppb
Iron	57-2	0.06	0.92	-0.29	0.23	266.12	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.12	0.12	0.12	3.04	ppb
Lead	207-1	0.13	0.12	0.16	0.14	12.64	ppb
Lead	208-1	0.11	0.12	0.14	0.12	14.44	ppb
Lithium	6-1						%
Magnesium	24-2	5849.29	5186.12	5107.48	5380.96	7.57	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1891-06DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-03-20 17:03:54	DataFile Name :	035SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.18	0.07	0.07	0.11	59.52	ppb
Molybdenum	94-1	0.04	-0.01	0.10	0.04	133.79	ppb
Molybdenum	95-1	0.07	0.06	0.10	0.07	26.63	ppb
Molybdenum	96-1	0.04	0.03	0.09	0.05	54.30	ppb
Molybdenum	97-1	0.01	0.00	0.02	0.01	155.17	ppb
Molybdenum	98-1	0.02	0.05	0.07	0.05	55.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.25	-0.37	-0.45	-0.35		ppb
Phosphorus	31-2	-14.91	-14.91	-14.91	-14.91		ppb
Potassium	39-2	18818.33	16920.34	16672.24	17470.30	6.72	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.72	5.08	-2.72	-0.12		ppb
Selenium	78-2	1.43	-0.04	-0.07	0.44	194.46	ppb
Selenium	82-1	-0.01	0.42	0.53	0.31	91.78	ppb
Silicon	28-1	-38.02	-37.56	-36.55	-37.38		ppb
Silver	109-1	0.01	0.01	0.01	0.01	35.16	ppb
Silver	107-1	0.00	0.00	0.01	0.00	109.24	ppb
Sodium	23-2	21683.56	19415.41	19255.15	20118.04	6.75	ppb
Strontium	86-1	7.94	7.58	7.96	7.83	2.71	ppb
Strontium	88-1	7.75	7.85	8.12	7.91	2.39	ppb
Sulfur	34-1	-2174.79	-1947.51	-1568.34	-1896.88		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.04	0.05	0.04	30.67	ppb
Thallium	205-1	0.04	0.05	0.05	0.05	11.60	ppb
Tin	118-1	-0.10	-0.09	-0.08	-0.09		ppb
Titanium	47-1	-0.02	-0.02	-0.02	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.01	0.01	0.01	48.58	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.20	0.10	0.31	0.20	51.18	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1891-06DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-03-20 17:03:54	DataFile Name :	035SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	PB107368BL	Instrumnet Name :	P8
Client Sample ID :	PB107368BL	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:08:23	DataFile Name :	036SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.60	-0.59	-0.60	-0.60		ppb
Antimony	121-1	0.03	0.08	0.09	0.07	50.42	ppb
Arsenic	75-2	0.15	0.01	0.06	0.07	93.50	ppb
Barium	135-1	0.00	0.01	0.00	0.00	473.40	ppb
Barium	137-1	-0.01	-0.02	-0.01	-0.01		ppb
Beryllium	9-1	0.07	0.05	0.03	0.05	39.93	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.79	5.22	4.80	5.27	9.37	ppb
Boron	11-1	5.68	5.10	5.34	5.37	5.40	ppb
Cadmium	111-1	-0.04	-0.10	-0.09	-0.07		ppb
Cadmium	106-1	-0.43	-1.40	-1.12	-0.98		ppb
Cadmium	108-1	0.05	-0.03	0.10	0.04	161.98	ppb
Calcium	43-1	-6.89	-27.95	-14.00	-16.28		ppb
Calcium	44-1	-2.60	-5.05	-2.31	-3.32		ppb
Chromium	52-2	0.05	-0.09	0.07	0.01	963.10	ppb
Cobalt	59-2	0.02	0.01	0.00	0.01	82.60	ppb
Copper	63-2	0.05	0.07	0.02	0.05	51.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.67	0.42	0.72	0.60	26.92	ppb
Iron	57-2	-1.35	-0.72	0.50	-0.52		ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.05	0.04	15.01	ppb
Lead	207-1	0.03	0.05	0.03	0.04	20.13	ppb
Lead	208-1	0.04	0.04	0.05	0.04	8.56	ppb
Lithium	6-1						%
Magnesium	24-2	2.53	-0.81	-2.55	-0.28		ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	PB107368BL	Instrumnet Name :	P8
Client Sample ID :	PB107368BL	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:08:23	DataFile Name :	036SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.01	-0.04	-0.01		ppb
Molybdenum	94-1	0.06	0.05	0.11	0.07	48.45	ppb
Molybdenum	95-1	0.05	0.08	0.12	0.08	46.44	ppb
Molybdenum	96-1	0.02	0.09	0.11	0.07	65.13	ppb
Molybdenum	97-1	-0.01	0.08	0.04	0.04	111.92	ppb
Molybdenum	98-1	0.06	0.09	0.12	0.09	36.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.35	-0.36	-0.42	-0.38		ppb
Phosphorus	31-2	-14.91	15.67	-14.91	-4.72		ppb
Potassium	39-2	-3.92	4.88	18.96	6.64	173.83	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.72	-2.72	-2.72	-2.72		ppb
Selenium	78-2	-1.25	0.03	0.01	-0.40		ppb
Selenium	82-1	1.36	0.27	0.50	0.71	80.94	ppb
Silicon	28-1	-19.65	-22.39	-20.45	-20.83		ppb
Silver	109-1	0.01	0.01	0.01	0.01	58.99	ppb
Silver	107-1	0.01	0.01	0.00	0.01	83.78	ppb
Sodium	23-2	26.77	29.49	33.85	30.04	11.88	ppb
Strontium	86-1	0.01	0.02	-0.07	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-215.35	-618.05	-136.50	-323.30		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.06	0.09	0.05	0.07	29.94	ppb
Thallium	205-1	0.07	0.06	0.05	0.06	15.20	ppb
Tin	118-1	-0.04	-0.03	0.03	-0.01		ppb
Titanium	47-1	-0.01	0.06	-0.01	0.01	310.75	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.09	0.05	0.09	0.08	26.52	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	PB107368BL	Instrumnet Name :	P8
Client Sample ID :	PB107368BL	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:08:23	DataFile Name :	036SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	-0.01	0.01	0.00	230.34	ppb
Zirconium	91-1	0.03	0.02	0.03	0.03	34.69	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	PB107365BL	Instrumnet Name :	P8
Client Sample ID :	PB107365BL	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:11:45	DataFile Name :	037SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.60	-0.55	1.58	0.88	140.40	ppb
Antimony	121-1	0.00	0.03	0.06	0.03	102.91	ppb
Arsenic	75-2	0.01	0.04	0.04	0.03	56.06	ppb
Barium	135-1	0.01	0.01	0.02	0.01	47.68	ppb
Barium	137-1	-0.03	-0.02	-0.02	-0.02		ppb
Beryllium	9-1	0.08	0.01	0.01	0.04	108.19	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.43	4.44	5.35	4.74	11.20	ppb
Boron	11-1	4.10	4.04	4.92	4.35	11.42	ppb
Cadmium	111-1	-0.08	0.07	-0.06	-0.02		ppb
Cadmium	106-1	-1.01	1.06	-0.78	-0.24		ppb
Cadmium	108-1	0.01	0.10	0.01	0.04	121.58	ppb
Calcium	43-1	-18.07	-12.05	-15.43	-15.19		ppb
Calcium	44-1	-5.17	-5.96	-1.10	-4.08		ppb
Chromium	52-2	-0.01	0.06	-0.04	0.01	853.52	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	180.59	ppb
Copper	63-2	0.05	0.05	0.03	0.04	30.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.51	0.57	0.79	0.62	23.84	ppb
Iron	57-2	0.02	0.60	1.92	0.85	114.97	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.03	0.02	39.61	ppb
Lead	207-1	0.05	0.04	0.02	0.04	46.55	ppb
Lead	208-1	0.03	0.03	0.03	0.03	10.08	ppb
Lithium	6-1						%
Magnesium	24-2	-3.13	-0.62	1.66	-0.70		ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	PB107365BL	Instrumnet Name :	P8
Client Sample ID :	PB107365BL	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:11:45	DataFile Name :	037SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.01	0.08	0.03	115.84	ppb
Molybdenum	94-1	0.02	0.02	0.05	0.03	54.31	ppb
Molybdenum	95-1	0.02	0.04	0.08	0.05	57.31	ppb
Molybdenum	96-1	-0.01	0.05	0.08	0.04	103.70	ppb
Molybdenum	97-1	-0.03	-0.01	-0.01	-0.02		ppb
Molybdenum	98-1	0.01	0.04	0.07	0.04	69.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.27	-0.28	-0.45	-0.33		ppb
Phosphorus	31-2	-14.91	-14.91	-14.91	-14.91		ppb
Potassium	39-2	45.59	12.22	20.58	26.13	66.45	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.72	-2.72	-2.72	-2.72		ppb
Selenium	78-2	0.04	1.33	0.04	0.47	158.21	ppb
Selenium	82-1	0.85	0.25	0.22	0.44	81.05	ppb
Silicon	28-1	-22.80	-20.47	-19.03	-20.77		ppb
Silver	109-1	0.01	0.01	0.01	0.01	38.81	ppb
Silver	107-1	0.00	0.01	0.02	0.01	117.26	ppb
Sodium	23-2	32.44	22.94	28.48	27.95	17.08	ppb
Strontium	86-1	-0.02	-0.08	-0.07	-0.06		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-493.88	-372.57	-42.76	-303.07		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.06	0.07	0.06	0.06	3.22	ppb
Thallium	205-1	0.06	0.07	0.06	0.06	5.15	ppb
Tin	118-1	-0.06	-0.02	0.00	-0.03		ppb
Titanium	47-1	0.06	-0.03	-0.01	0.01	660.72	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.20	-0.09	-0.09	-0.13		ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	PB107365BL	Instrumnet Name :	P8
Client Sample ID :	PB107365BL	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:11:45	DataFile Name :	037SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.01	0.01	0.01	60.04	ppb
Zirconium	91-1	0.01	0.03	0.04	0.03	50.02	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	PB107368BS	Instrumnet Name :	P8
Client Sample ID :	PB107368BS	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:15:07	DataFile Name :	038SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9826.50	9716.77	9991.21	9844.83	1.40	ppb
Antimony	121-1	490.42	495.87	493.69	493.32	0.56	ppb
Arsenic	75-2	475.57	477.33	495.13	482.67	2.24	ppb
Barium	135-1	2458.24	2516.52	2474.49	2483.08	1.21	ppb
Barium	137-1	2463.14	2470.67	2437.72	2457.18	0.70	ppb
Beryllium	9-1	481.59	473.32	472.44	475.78	1.06	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	449.11	468.27	465.76	461.05	2.26	ppb
Boron	11-1	458.12	459.07	467.38	461.52	1.10	ppb
Cadmium	111-1	490.22	490.68	488.83	489.91	0.20	ppb
Cadmium	106-1	494.38	493.23	496.44	494.68	0.33	ppb
Cadmium	108-1	483.28	484.63	487.71	485.21	0.47	ppb
Calcium	43-1	48377.84	49140.53	48268.15	48595.50	0.98	ppb
Calcium	44-1	48283.97	48736.16	47717.27	48245.80	1.06	ppb
Chromium	52-2	494.51	503.92	514.62	504.35	2.00	ppb
Cobalt	59-2	497.05	507.29	520.60	508.31	2.32	ppb
Copper	63-2	996.28	1017.99	1039.73	1018.00	2.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25226.76	25647.02	25968.01	25613.93	1.45	ppb
Iron	57-2	24521.08	25384.06	25609.18	25171.44	2.28	ppb
Krypton	83-1						cps
Lead	206-1	496.38	499.95	496.15	497.49	0.43	ppb
Lead	207-1	483.90	495.06	490.06	489.67	1.14	ppb
Lead	208-1	488.24	497.87	493.16	493.09	0.98	ppb
Lithium	6-1						%
Magnesium	24-2	49614.16	51062.59	51511.71	50729.49	1.95	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	PB107368BS	Instrumnet Name :	P8
Client Sample ID :	PB107368BS	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:15:07	DataFile Name :	038SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	994.64	1009.35	1019.46	1007.81	1.24	ppb
Molybdenum	94-1	2464.07	2478.47	2520.35	2487.63	1.18	ppb
Molybdenum	95-1	2492.84	2480.08	2539.64	2504.19	1.25	ppb
Molybdenum	96-1	2487.63	2515.68	2524.03	2509.11	0.76	ppb
Molybdenum	97-1	2479.72	2504.64	2489.98	2491.45	0.50	ppb
Molybdenum	98-1	2439.37	2465.04	2505.95	2470.12	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.45	509.58	520.78	508.60	2.50	ppb
Phosphorus	31-2	10308.14	8515.84	9942.19	9588.72	9.88	ppb
Potassium	39-2	24001.86	24165.93	24773.32	24313.70	1.67	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	485.76	367.59	716.01	523.12	33.87	ppb
Selenium	78-2	477.24	476.91	519.04	491.06	4.93	ppb
Selenium	82-1	489.35	488.71	501.75	493.27	1.49	ppb
Silicon	28-1	445.19	461.82	450.85	452.62	1.87	ppb
Silver	109-1	499.67	505.03	507.85	504.19	0.82	ppb
Silver	107-1	502.19	498.64	497.31	499.38	0.50	ppb
Sodium	23-2	49619.68	51350.58	51221.95	50730.74	1.90	ppb
Strontium	86-1	483.31	482.92	492.48	486.23	1.11	ppb
Strontium	88-1	492.87	492.53	503.27	496.22	1.23	ppb
Sulfur	34-1	9299.17	9920.85	9444.21	9554.74	3.40	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	489.82	501.27	495.47	495.52	1.16	ppb
Thallium	205-1	487.94	501.29	494.93	494.72	1.35	ppb
Tin	118-1	497.33	498.25	489.58	495.05	0.96	ppb
Titanium	47-1	2482.91	2511.58	2489.54	2494.68	0.60	ppb
Uranium	238-1	482.69	492.59	495.79	490.36	1.39	ppb
Vanadium	51-2	489.72	498.69	510.25	499.55	2.06	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1004.38	1035.31	1048.05	1029.25	2.18	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	PB107368BS	Instrumnet Name :	P8
Client Sample ID :	PB107368BS	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:15:07	DataFile Name :	038SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	501.38	498.44	506.02	501.95	0.76	ppb
Zirconium	91-1	484.31	482.50	494.06	486.96	1.28	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	PB107365BS	Instrumnet Name :	P8
Client Sample ID :	PB107365BS	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:18:20	DataFile Name :	039SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9743.30	10013.59	10269.65	10008.84	2.63	ppb
Antimony	121-1	494.90	499.68	499.19	497.92	0.53	ppb
Arsenic	75-2	489.96	491.42	481.49	487.63	1.10	ppb
Barium	135-1	2504.66	2480.59	2495.96	2493.73	0.49	ppb
Barium	137-1	2467.90	2481.87	2464.41	2471.39	0.37	ppb
Beryllium	9-1	475.36	482.94	481.74	480.02	0.85	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	449.94	480.07	479.55	469.86	3.67	ppb
Boron	11-1	460.29	482.24	485.97	476.17	2.91	ppb
Cadmium	111-1	491.01	499.32	494.68	495.01	0.84	ppb
Cadmium	106-1	486.01	499.01	500.25	495.09	1.59	ppb
Cadmium	108-1	474.66	497.42	486.38	486.15	2.34	ppb
Calcium	43-1	48576.24	49327.10	48655.54	48852.96	0.84	ppb
Calcium	44-1	48223.37	48447.68	48319.99	48330.35	0.23	ppb
Chromium	52-2	503.72	507.03	504.34	505.03	0.35	ppb
Cobalt	59-2	510.25	510.71	511.23	510.73	0.10	ppb
Copper	63-2	1018.10	1021.54	1018.91	1019.52	0.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25790.72	25801.80	25919.97	25837.49	0.28	ppb
Iron	57-2	24967.12	25120.38	25446.40	25177.97	0.97	ppb
Krypton	83-1						cps
Lead	206-1	506.79	496.10	502.92	501.94	1.08	ppb
Lead	207-1	492.02	497.10	493.20	494.10	0.54	ppb
Lead	208-1	497.27	496.09	498.79	497.38	0.27	ppb
Lithium	6-1						%
Magnesium	24-2	50895.04	51294.05	51295.62	51161.57	0.45	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	PB107365BS	Instrumnet Name :	P8
Client Sample ID :	PB107365BS	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:18:20	DataFile Name :	039SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1007.21	1012.77	1015.57	1011.85	0.42	ppb
Molybdenum	94-1	2489.77	2476.54	2472.25	2479.52	0.37	ppb
Molybdenum	95-1	2487.16	2489.72	2473.57	2483.49	0.35	ppb
Molybdenum	96-1	2491.47	2491.80	2497.20	2493.49	0.13	ppb
Molybdenum	97-1	2481.34	2510.86	2503.81	2498.67	0.62	ppb
Molybdenum	98-1	2481.52	2499.67	2477.02	2486.07	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.96	520.03	511.32	514.10	1.00	ppb
Phosphorus	31-2	9721.33	10648.97	10103.26	10157.85	4.59	ppb
Potassium	39-2	24700.30	24419.72	24945.59	24688.54	1.07	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	588.89	420.39	540.13	516.47	16.79	ppb
Selenium	78-2	514.44	505.45	471.41	497.10	4.57	ppb
Selenium	82-1	491.19	491.05	488.97	490.40	0.25	ppb
Silicon	28-1	449.38	448.23	443.79	447.13	0.66	ppb
Silver	109-1	497.72	507.14	505.11	503.33	0.98	ppb
Silver	107-1	498.36	501.81	501.98	500.72	0.41	ppb
Sodium	23-2	49959.74	51077.42	51041.42	50692.86	1.25	ppb
Strontium	86-1	484.68	487.24	488.51	486.81	0.40	ppb
Strontium	88-1	494.47	495.44	497.61	495.84	0.32	ppb
Sulfur	34-1	11631.07	11506.17	11157.25	11431.50	2.15	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	505.94	501.37	494.48	500.60	1.15	ppb
Thallium	205-1	497.51	494.64	498.84	496.99	0.43	ppb
Tin	118-1	500.38	500.40	497.63	499.47	0.32	ppb
Titanium	47-1	2508.50	2492.69	2473.33	2491.51	0.71	ppb
Uranium	238-1	494.46	492.84	494.67	493.99	0.20	ppb
Vanadium	51-2	503.50	502.90	498.82	501.74	0.51	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1054.25	1065.86	1046.55	1055.55	0.92	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	PB107365BS	Instrumnet Name :	P8
Client Sample ID :	PB107365BS	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:18:20	DataFile Name :	039SMPL_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	500.57	506.79	499.45	502.27	0.79	ppb
Zirconium	91-1	487.03	489.60	487.98	488.20	0.27	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:21:33	DataFile Name :	040CCV_P8032018 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49440.93	49746.16	48281.44	49156.18	1.57	ppb
Antimony	121-1	490.09	492.52	489.64	490.75	0.32	ppb
Arsenic	75-2	489.75	491.09	479.65	486.83	1.28	ppb
Barium	135-1	2479.43	2497.68	2454.76	2477.29	0.87	ppb
Barium	137-1	2458.55	2462.67	2466.51	2462.58	0.16	ppb
Beryllium	9-1	498.13	497.28	483.08	492.83	1.72	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	507.14	521.62	502.46	510.41	1.96	ppb
Boron	11-1	506.27	520.11	504.70	510.36	1.66	ppb
Cadmium	111-1	479.76	481.36	479.01	480.04	0.25	ppb
Cadmium	106-1	481.63	499.10	469.99	483.58	3.03	ppb
Cadmium	108-1	480.33	480.45	480.19	480.32	0.03	ppb
Calcium	43-1	247744.31	246949.80	244124.80	246272.97	0.77	ppb
Calcium	44-1	245224.05	243187.75	241329.48	243247.09	0.80	ppb
Chromium	52-2	508.28	515.37	503.53	509.06	1.17	ppb
Cobalt	59-2	492.28	501.23	484.13	492.54	1.74	ppb
Copper	63-2	957.39	970.83	941.07	956.43	1.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	123901.73	125166.56	121176.95	123415.08	1.65	ppb
Iron	57-2	120853.12	123593.33	118682.34	121042.93	2.03	ppb
Krypton	83-1						cps
Lead	206-1	506.35	505.41	510.77	507.51	0.56	ppb
Lead	207-1	500.90	504.42	505.66	503.66	0.49	ppb
Lead	208-1	500.31	503.52	504.93	502.92	0.47	ppb
Lithium	6-1						%
Magnesium	24-2	251964.90	255617.22	242947.11	250176.41	2.61	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:21:33	DataFile Name :	040CCV_P8032018 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	987.33	995.57	967.79	983.56	1.45	ppb
Molybdenum	94-1	2466.90	2468.81	2483.42	2473.04	0.37	ppb
Molybdenum	95-1	2504.00	2471.30	2501.37	2492.23	0.73	ppb
Molybdenum	96-1	2502.73	2487.26	2475.02	2488.34	0.56	ppb
Molybdenum	97-1	2480.24	2503.35	2473.17	2485.59	0.64	ppb
Molybdenum	98-1	2465.73	2486.67	2489.40	2480.60	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.60	509.40	487.53	498.84	2.20	ppb
Phosphorus	31-2	9440.37	9820.18	9796.34	9685.63	2.20	ppb
Potassium	39-2	121399.94	124189.37	122166.86	122585.39	1.18	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	582.36	506.57	484.76	524.56	9.76	ppb
Selenium	78-2	475.21	495.55	451.40	474.05	4.66	ppb
Selenium	82-1	482.76	478.19	481.92	480.96	0.50	ppb
Silicon	28-1	453.01	455.17	455.36	454.52	0.29	ppb
Silver	109-1	483.95	482.28	483.75	483.33	0.19	ppb
Silver	107-1	488.25	488.51	483.81	486.85	0.54	ppb
Sodium	23-2	253776.61	259354.80	249863.15	254331.52	1.88	ppb
Strontium	86-1	498.05	495.71	501.97	498.58	0.63	ppb
Strontium	88-1	504.51	503.34	509.53	505.79	0.65	ppb
Sulfur	34-1	12393.92	11781.33	11730.10	11968.45	3.09	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	505.95	503.30	513.07	507.44	1.00	ppb
Thallium	205-1	501.40	507.00	508.13	505.51	0.71	ppb
Tin	118-1	492.95	492.12	497.43	494.16	0.58	ppb
Titanium	47-1	2528.55	2510.63	2475.00	2504.73	1.09	ppb
Uranium	238-1	508.32	512.01	514.05	511.46	0.57	ppb
Vanadium	51-2	493.54	497.01	487.31	492.62	1.00	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1007.64	1017.00	992.02	1005.55	1.25	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:21:33	DataFile Name :	040CCV_P8032018 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	504.96	506.33	500.56	503.95	0.60	ppb
Zirconium	91-1	486.80	488.84	487.78	487.81	0.21	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P8
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:40:53	DataFile Name :	042LLCC_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.21	33.78	18.78	21.59	51.23	ppb
Antimony	121-1	1.97	2.04	2.16	2.05	4.68	ppb
Arsenic	75-2	1.11	1.03	0.89	1.01	11.37	ppb
Barium	135-1	9.04	8.56	8.81	8.80	2.72	ppb
Barium	137-1	9.14	9.15	9.23	9.17	0.52	ppb
Beryllium	9-1	1.11	0.97	1.13	1.07	7.86	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	27.79	26.33	28.55	27.56	4.09	ppb
Boron	11-1	26.87	24.72	27.18	26.25	5.10	ppb
Cadmium	111-1	0.92	0.97	0.85	0.92	6.69	ppb
Cadmium	106-1	0.14	0.85	-0.68	0.10	750.92	ppb
Cadmium	108-1	0.61	1.19	1.35	1.05	36.99	ppb
Calcium	43-1	422.26	443.18	433.22	432.89	2.42	ppb
Calcium	44-1	432.76	430.04	444.11	435.64	1.71	ppb
Chromium	52-2	1.93	1.96	1.90	1.93	1.75	ppb
Cobalt	59-2	0.94	1.02	0.88	0.95	7.34	ppb
Copper	63-2	1.94	1.89	1.88	1.90	1.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	48.67	49.93	50.48	49.70	1.87	ppb
Iron	57-2	53.99	54.59	46.77	51.78	8.41	ppb
Krypton	83-1						cps
Lead	206-1	0.95	0.98	0.95	0.96	1.61	ppb
Lead	207-1	0.88	0.93	0.88	0.90	3.35	ppb
Lead	208-1	0.95	0.93	0.91	0.93	1.88	ppb
Lithium	6-1						%
Magnesium	24-2	464.60	460.21	471.95	465.59	1.27	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P8
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:40:53	DataFile Name :	042LLCC_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.20	0.79	1.26	1.08	23.63	ppb
Molybdenum	94-1	4.89	4.59	4.83	4.77	3.32	ppb
Molybdenum	95-1	4.70	4.63	4.98	4.77	3.85	ppb
Molybdenum	96-1	4.62	4.46	5.20	4.76	8.23	ppb
Molybdenum	97-1	4.79	4.51	4.93	4.75	4.48	ppb
Molybdenum	98-1	4.74	4.61	5.01	4.79	4.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.02	0.87	0.97	8.67	ppb
Phosphorus	31-2	-14.91	17.16	-14.91	-4.22		ppb
Potassium	39-2	458.23	462.35	463.64	461.41	0.61	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	13.99	-2.72	-2.72	2.85	338.25	ppb
Selenium	78-2	7.84	2.75	1.34	3.98	85.94	ppb
Selenium	82-1	4.68	4.49	4.76	4.64	2.98	ppb
Silicon	28-1	-7.98	-9.55	-7.45	-8.33		ppb
Silver	109-1	0.92	0.92	0.94	0.93	1.49	ppb
Silver	107-1	0.94	1.01	1.03	0.99	5.03	ppb
Sodium	23-2	474.42	492.97	477.00	481.47	2.09	ppb
Strontium	86-1	0.88	0.81	0.97	0.89	9.30	ppb
Strontium	88-1	0.96	0.91	0.91	0.93	3.22	ppb
Sulfur	34-1	-2025.34	-2105.66	-1642.96	-1924.66		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.91	0.90	0.98	0.93	4.75	ppb
Thallium	205-1	1.01	0.95	0.96	0.97	3.13	ppb
Tin	118-1	4.55	4.46	4.56	4.52	1.19	ppb
Titanium	47-1	4.63	4.83	4.22	4.56	6.78	ppb
Uranium	238-1	0.88	0.88	0.89	0.88	0.42	ppb
Vanadium	51-2	4.68	4.68	4.58	4.65	1.19	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.04	2.43	2.07	2.18	9.88	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P8
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:40:53	DataFile Name :	042LLCC_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.01	1.01	1.01	1.01	0.31	ppb
Zirconium	91-1	1.01	0.97	1.07	1.02	5.09	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:44:14	DataFile Name :	043CCBE_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.50	-0.49	-2.63	-1.21		ppb
Antimony	121-1	0.06	0.17	0.22	0.15	56.49	ppb
Arsenic	75-2	0.01	0.04	0.01	0.02	84.62	ppb
Barium	135-1	0.00	0.02	0.01	0.01	88.27	ppb
Barium	137-1	-0.03	-0.02	-0.01	-0.02		ppb
Beryllium	9-1	0.07	0.05	0.13	0.09	47.44	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.66	6.31	5.45	5.81	7.64	ppb
Boron	11-1	5.41	5.52	4.95	5.29	5.69	ppb
Cadmium	111-1	-0.12	-0.06	-0.09	-0.09		ppb
Cadmium	106-1	-1.73	-0.77	-1.16	-1.22		ppb
Cadmium	108-1	0.05	0.14	0.01	0.07	93.15	ppb
Calcium	43-1	-14.75	-23.91	-11.75	-16.81		ppb
Calcium	44-1	-4.82	-7.84	-8.41	-7.03		ppb
Chromium	52-2	0.01	0.03	-0.09	-0.01		ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	112.83	ppb
Copper	63-2	0.02	0.02	0.03	0.02	24.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.74	1.07	0.91	0.91	18.28	ppb
Iron	57-2	-1.25	0.71	-2.55	-1.03		ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.03	0.04	0.03	23.01	ppb
Lead	207-1	0.01	0.03	0.03	0.02	47.00	ppb
Lead	208-1	0.02	0.03	0.03	0.03	30.04	ppb
Lithium	6-1						%
Magnesium	24-2	-1.31	0.53	-3.15	-1.31		ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:44:14	DataFile Name :	043CCBE_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.04	0.01	0.02	69.31	ppb
Molybdenum	94-1	0.07	0.08	0.15	0.10	47.26	ppb
Molybdenum	95-1	0.09	0.13	0.19	0.14	37.63	ppb
Molybdenum	96-1	0.08	0.11	0.14	0.11	30.37	ppb
Molybdenum	97-1	0.05	0.12	0.17	0.11	49.57	ppb
Molybdenum	98-1	0.09	0.12	0.22	0.14	44.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.47	-0.63	-0.42	-0.51		ppb
Phosphorus	31-2	-14.91	-14.91	16.73	-4.36		ppb
Potassium	39-2	-9.41	-0.04	18.55	3.03	468.89	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.72	-2.72	-2.72	-2.72		ppb
Selenium	78-2	1.38	-1.25	-1.25	-0.38		ppb
Selenium	82-1	-0.24	0.61	0.75	0.37	143.94	ppb
Silicon	28-1	-20.03	-20.80	-19.27	-20.03		ppb
Silver	109-1	0.01	0.01	0.01	0.01	19.80	ppb
Silver	107-1	0.00	0.01	0.01	0.01	49.43	ppb
Sodium	23-2	32.76	22.50	30.72	28.66	18.95	ppb
Strontium	86-1	-0.05	-0.04	-0.05	-0.05		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1935.61	-1860.92	-1587.02	-1794.52		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.03	0.03	0.03	5.92	ppb
Thallium	205-1	0.03	0.04	0.04	0.04	15.40	ppb
Tin	118-1	-0.02	0.03	0.01	0.01	411.01	ppb
Titanium	47-1	0.03	0.01	0.02	0.02	64.31	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	0.00	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.20	-0.04	0.27	0.01	2944.24	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:44:14	DataFile Name :	043CCBE_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.02	0.00	0.01	139.99	ppb
Zirconium	91-1	0.01	0.05	0.03	0.03	58.40	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 18:02:38	DataFile Name :	045LLCC_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.94	22.06	24.34	23.45	5.20	ppb
Antimony	121-1	2.01	1.98	1.83	1.94	4.97	ppb
Arsenic	75-2	0.88	1.04	1.12	1.01	12.01	ppb
Barium	135-1	9.78	8.83	9.00	9.20	5.53	ppb
Barium	137-1	9.72	9.49	8.82	9.34	5.03	ppb
Beryllium	9-1	0.96	0.93	1.01	0.96	4.19	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	25.73	23.28	24.23	24.41	5.06	ppb
Boron	11-1	24.95	23.86	23.11	23.97	3.86	ppb
Cadmium	111-1	0.84	1.00	0.93	0.92	8.72	ppb
Cadmium	106-1	1.20	1.44	1.19	1.28	11.05	ppb
Cadmium	108-1	0.88	0.82	0.83	0.84	4.20	ppb
Calcium	43-1	458.16	415.36	421.06	431.53	5.39	ppb
Calcium	44-1	479.87	431.95	427.61	446.47	6.50	ppb
Chromium	52-2	2.05	1.95	1.89	1.96	4.19	ppb
Cobalt	59-2	0.92	0.91	1.03	0.95	6.90	ppb
Copper	63-2	1.84	1.86	1.72	1.81	4.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	49.07	47.72	48.35	48.38	1.39	ppb
Iron	57-2	50.09	42.95	51.52	48.18	9.53	ppb
Krypton	83-1						cps
Lead	206-1	0.93	0.95	0.85	0.91	5.77	ppb
Lead	207-1	1.02	0.93	0.93	0.96	5.13	ppb
Lead	208-1	0.98	0.95	0.90	0.94	4.39	ppb
Lithium	6-1						%
Magnesium	24-2	474.88	459.17	486.90	473.65	2.94	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 18:02:38	DataFile Name :	045LLCC_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.06	1.03	1.26	1.12	11.39	ppb
Molybdenum	94-1	4.69	4.50	4.55	4.58	2.11	ppb
Molybdenum	95-1	4.85	4.70	4.54	4.70	3.28	ppb
Molybdenum	96-1	4.83	4.55	4.37	4.58	5.01	ppb
Molybdenum	97-1	5.04	4.47	4.38	4.63	7.70	ppb
Molybdenum	98-1	5.04	4.54	4.24	4.61	8.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.88	0.75	1.11	0.92	19.87	ppb
Phosphorus	31-2	-14.91	46.73	16.15	15.99	192.71	ppb
Potassium	39-2	419.63	416.23	448.01	427.96	4.08	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.54	-2.72	-2.72	0.03	13766.97	ppb
Selenium	78-2	1.32	0.02	1.35	0.89	84.62	ppb
Selenium	82-1	6.00	5.64	4.02	5.22	20.18	ppb
Silicon	28-1	4.54	-7.12	-9.66	-4.08		ppb
Silver	109-1	0.90	0.89	0.87	0.89	1.45	ppb
Silver	107-1	0.99	0.93	0.86	0.93	6.72	ppb
Sodium	23-2	462.93	484.73	495.70	481.12	3.47	ppb
Strontium	86-1	0.83	0.79	0.89	0.84	6.19	ppb
Strontium	88-1	1.01	0.90	0.93	0.94	6.31	ppb
Sulfur	34-1	545.44	-1333.49	-1821.76	-869.94		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.00	0.94	0.88	0.94	6.50	ppb
Thallium	205-1	1.00	0.94	0.89	0.94	5.59	ppb
Tin	118-1	5.00	4.50	4.15	4.55	9.41	ppb
Titanium	47-1	4.86	4.63	4.20	4.56	7.37	ppb
Uranium	238-1	0.95	0.89	0.87	0.90	4.24	ppb
Vanadium	51-2	4.60	4.27	4.32	4.40	4.05	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.07	1.97	1.87	1.97	4.92	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 18:02:38	DataFile Name :	045LLCC_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.97	0.94	0.96	0.96	1.58	ppb
Zirconium	91-1	1.03	0.88	0.77	0.89	15.02	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 18:06:00	DataFile Name :	046CCV_P8032018 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49359.74	49769.21	49025.45	49384.80	0.75	ppb
Antimony	121-1	489.18	487.36	492.51	489.68	0.53	ppb
Arsenic	75-2	478.24	474.88	479.50	477.54	0.50	ppb
Barium	135-1	2472.89	2470.76	2497.81	2480.49	0.61	ppb
Barium	137-1	2452.42	2472.91	2474.08	2466.47	0.49	ppb
Beryllium	9-1	495.18	494.74	493.41	494.44	0.19	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	484.72	505.75	504.92	498.47	2.39	ppb
Boron	11-1	485.30	485.93	499.49	490.24	1.64	ppb
Cadmium	111-1	475.93	476.16	478.03	476.71	0.24	ppb
Cadmium	106-1	481.44	470.62	485.96	479.34	1.64	ppb
Cadmium	108-1	473.09	473.12	483.30	476.50	1.24	ppb
Calcium	43-1	244424.49	242662.46	244066.72	243717.89	0.38	ppb
Calcium	44-1	241520.50	239842.26	240375.53	240579.43	0.36	ppb
Chromium	52-2	502.29	514.21	503.58	506.69	1.29	ppb
Cobalt	59-2	486.67	487.61	486.65	486.98	0.11	ppb
Copper	63-2	947.19	954.01	943.41	948.21	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	122721.81	124285.50	121726.87	122911.39	1.05	ppb
Iron	57-2	119258.76	121588.34	119739.15	120195.42	1.02	ppb
Krypton	83-1						cps
Lead	206-1	499.29	495.38	505.87	500.18	1.06	ppb
Lead	207-1	500.44	494.87	501.70	499.00	0.73	ppb
Lead	208-1	500.40	497.07	504.50	500.66	0.74	ppb
Lithium	6-1						%
Magnesium	24-2	249090.88	251266.81	246357.65	248905.11	0.99	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 18:06:00	DataFile Name :	046CCV_P8032018 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	976.95	998.21	978.67	984.61	1.20	ppb
Molybdenum	94-1	2432.98	2473.29	2476.03	2460.77	0.98	ppb
Molybdenum	95-1	2447.49	2452.05	2482.50	2460.68	0.77	ppb
Molybdenum	96-1	2435.38	2462.28	2494.77	2464.14	1.21	ppb
Molybdenum	97-1	2454.46	2470.81	2509.97	2478.41	1.15	ppb
Molybdenum	98-1	2410.26	2460.61	2448.42	2439.76	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.25	495.99	492.75	493.33	0.49	ppb
Phosphorus	31-2	10597.30	10352.94	9595.54	10181.93	5.13	ppb
Potassium	39-2	123113.41	125518.09	122017.57	123549.69	1.45	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	464.28	440.26	496.14	466.89	6.00	ppb
Selenium	78-2	479.52	449.51	449.11	459.38	3.80	ppb
Selenium	82-1	474.92	477.61	483.13	478.55	0.87	ppb
Silicon	28-1	444.20	439.71	448.80	444.23	1.02	ppb
Silver	109-1	483.96	482.19	486.89	484.35	0.49	ppb
Silver	107-1	478.34	483.16	484.49	482.00	0.67	ppb
Sodium	23-2	253094.89	252810.50	250206.96	252037.45	0.63	ppb
Strontium	86-1	487.99	492.16	494.47	491.54	0.67	ppb
Strontium	88-1	499.93	500.44	502.63	501.00	0.29	ppb
Sulfur	34-1	12035.51	12100.31	12107.26	12081.03	0.33	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	499.86	498.43	504.20	500.83	0.60	ppb
Thallium	205-1	503.95	496.05	504.19	501.40	0.92	ppb
Tin	118-1	486.76	488.46	495.78	490.33	0.98	ppb
Titanium	47-1	2515.91	2484.08	2469.21	2489.73	0.96	ppb
Uranium	238-1	509.28	497.39	516.34	507.67	1.89	ppb
Vanadium	51-2	493.79	500.34	491.48	495.21	0.93	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	992.48	998.01	988.01	992.83	0.50	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 18:06:00	DataFile Name :	046CCV_P8032018 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	494.74	501.58	497.48	497.93	0.69	ppb
Zirconium	91-1	481.64	484.15	488.53	484.77	0.72	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	LLCCV3	Instrumnet Name :	P8
Client Sample ID :	LLCCV3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 18:34:33	DataFile Name :	049LLCC_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.23	16.38	16.10	18.90	24.40	ppb
Antimony	121-1	1.77	1.77	1.84	1.79	2.39	ppb
Arsenic	75-2	0.85	1.28	0.74	0.96	29.63	ppb
Barium	135-1	8.86	8.67	9.02	8.85	2.01	ppb
Barium	137-1	8.88	8.56	9.01	8.82	2.65	ppb
Beryllium	9-1	1.00	0.94	1.06	1.00	6.31	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	21.58	21.24	22.95	21.92	4.12	ppb
Boron	11-1	22.31	22.63	23.26	22.74	2.12	ppb
Cadmium	111-1	0.71	0.83	0.96	0.83	14.81	ppb
Cadmium	106-1	-0.97	0.47	1.37	0.29	405.02	ppb
Cadmium	108-1	1.47	0.81	0.96	1.08	31.84	ppb
Calcium	43-1	404.21	410.19	442.76	419.05	4.95	ppb
Calcium	44-1	423.53	419.06	424.95	422.52	0.73	ppb
Chromium	52-2	1.93	2.08	1.79	1.93	7.71	ppb
Cobalt	59-2	0.84	0.90	0.92	0.89	4.64	ppb
Copper	63-2	1.88	1.85	1.96	1.89	3.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	46.29	47.62	48.11	47.34	1.99	ppb
Iron	57-2	56.93	35.23	37.82	43.33	27.35	ppb
Krypton	83-1						cps
Lead	206-1	0.90	0.85	0.85	0.87	2.78	ppb
Lead	207-1	0.89	0.82	0.91	0.87	5.29	ppb
Lead	208-1	0.88	0.84	0.89	0.87	3.27	ppb
Lithium	6-1						%
Magnesium	24-2	431.12	461.24	453.08	448.48	3.47	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	LLCCV3	Instrumnet Name :	P8
Client Sample ID :	LLCCV3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 18:34:33	DataFile Name :	049LLCC_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.12	1.17	0.90	1.06	13.46	ppb
Molybdenum	94-1	4.31	4.32	4.54	4.39	3.02	ppb
Molybdenum	95-1	4.42	4.35	4.53	4.43	2.11	ppb
Molybdenum	96-1	4.51	4.38	4.54	4.48	1.90	ppb
Molybdenum	97-1	4.44	4.40	4.38	4.41	0.70	ppb
Molybdenum	98-1	4.46	4.60	4.59	4.55	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.01	1.18	1.07	9.15	ppb
Phosphorus	31-2	-14.91	-14.91	-14.91	-14.91		ppb
Potassium	39-2	443.83	450.32	414.36	436.17	4.39	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.72	-2.72	-2.72	-2.72		ppb
Selenium	78-2	7.78	5.21	1.32	4.77	68.25	ppb
Selenium	82-1	5.55	5.24	4.99	5.26	5.41	ppb
Silicon	28-1	-9.51	-10.68	-9.02	-9.74		ppb
Silver	109-1	0.90	0.87	0.94	0.91	3.55	ppb
Silver	107-1	0.97	0.89	0.91	0.93	4.75	ppb
Sodium	23-2	462.51	479.53	455.44	465.83	2.66	ppb
Strontium	86-1	0.96	0.89	0.91	0.92	3.61	ppb
Strontium	88-1	0.90	0.91	0.92	0.91	0.85	ppb
Sulfur	34-1	-1578.33	-1961.21	-1532.13	-1690.56		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.85	0.88	0.90	0.88	2.86	ppb
Thallium	205-1	0.91	0.87	0.91	0.90	2.51	ppb
Tin	118-1	4.28	4.27	4.34	4.30	0.86	ppb
Titanium	47-1	5.03	4.59	4.43	4.68	6.63	ppb
Uranium	238-1	0.88	0.85	0.86	0.87	1.87	ppb
Vanadium	51-2	4.11	4.51	4.61	4.41	5.92	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.13	2.19	2.19	2.17	1.54	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	LLCCV3	Instrumnet Name :	P8
Client Sample ID :	LLCCV3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 18:34:33	DataFile Name :	049LLCC_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.99	0.93	0.95	0.96	3.26	ppb
Zirconium	91-1	0.84	0.94	0.97	0.92	7.36	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 18:38:05	DataFile Name :	050CCBE_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.54	1.48	-0.58	0.81	148.24	ppb
Antimony	121-1	0.01	0.04	0.07	0.04	81.49	ppb
Arsenic	75-2	0.01	0.04	0.01	0.02	82.39	ppb
Barium	135-1	0.01	-0.01	0.01	0.00	343.53	ppb
Barium	137-1	-0.02	-0.02	-0.02	-0.02		ppb
Beryllium	9-1	0.03	0.05	0.10	0.06	61.45	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.86	1.65	2.76	2.75	40.16	ppb
Boron	11-1	2.44	1.81	2.78	2.34	20.86	ppb
Cadmium	111-1	-0.03	0.05	-0.06	-0.01		ppb
Cadmium	106-1	-0.57	0.27	-0.73	-0.34		ppb
Cadmium	108-1	0.01	0.01	0.01	0.01	6.90	ppb
Calcium	43-1	-18.12	-17.19	-20.78	-18.70		ppb
Calcium	44-1	-8.30	-7.17	-8.85	-8.10		ppb
Chromium	52-2	0.06	-0.03	-0.01	0.01	667.54	ppb
Cobalt	59-2	0.00	0.02	0.04	0.02	118.81	ppb
Copper	63-2	0.00	-0.01	0.03	0.01	387.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.18	0.62	0.48	0.43	53.53	ppb
Iron	57-2	0.60	-3.19	-1.32	-1.31		ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.01	0.02	69.13	ppb
Lead	207-1	0.03	0.01	0.03	0.02	65.41	ppb
Lead	208-1	0.02	0.02	0.01	0.02	15.44	ppb
Lithium	6-1						%
Magnesium	24-2	3.70	2.24	3.96	3.30	28.15	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 18:38:05	DataFile Name :	050CCBE_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.03	0.03	-0.01	-0.01		ppb
Molybdenum	94-1	0.01	0.05	0.07	0.04	68.91	ppb
Molybdenum	95-1	0.01	0.11	0.05	0.06	83.68	ppb
Molybdenum	96-1	0.02	0.05	0.08	0.05	63.04	ppb
Molybdenum	97-1	-0.02	0.00	0.04	0.01	500.51	ppb
Molybdenum	98-1	0.02	0.06	0.08	0.06	54.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.62	-0.65	-0.64	-0.64		ppb
Phosphorus	31-2	-14.91	-14.91	-14.91	-14.91		ppb
Potassium	39-2	2.92	-9.99	27.95	6.96	277.15	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.61	-2.72	-2.72	0.06	8316.52	ppb
Selenium	78-2	2.64	-1.25	-1.25	0.04	5118.86	ppb
Selenium	82-1	0.80	0.24	0.26	0.43	73.72	ppb
Silicon	28-1	-17.78	-20.23	-22.27	-20.09		ppb
Silver	109-1	0.00	0.00	0.00	0.00	183.18	ppb
Silver	107-1	0.00	0.01	0.00	0.00	286.26	ppb
Sodium	23-2	24.63	22.46	26.69	24.59	8.60	ppb
Strontium	86-1	-0.01	-0.03	0.02	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1290.65	-1514.18	-1742.13	-1515.65		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.01	0.03	0.02	63.06	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	44.91	ppb
Tin	118-1	-0.01	-0.04	-0.04	-0.03		ppb
Titanium	47-1	-0.05	-0.01	-0.07	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	-0.01	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.32	-0.02	0.10	-0.08		ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 18:38:05	DataFile Name :	050CCBE_P8032018 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.00	0.00	267.42	ppb
Zirconium	91-1	0.01	0.01	0.02	0.01	70.36	ppb

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:32:34	DataFile Name :	003CALB_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	17	8	11	43.34	cps
Antimony	121-1	450	450	692	531	26.30	cps
Arsenic	75-2	2	0	2	1	86.60	cps
Barium	135-1	8	17	17	14	34.67	cps
Barium	137-1	50	67	92	69	30.20	cps
Beryllium	9-1	89	83	100	91	9.35	cps
Bismuth	209-1	5680497	5689361	5244601	5538153	4.59	cps
Bismuth	209-2	1506516	1491156	1509611	1502428	0.66	cps
Boron	10-1	225	117	217	186	32.39	cps
Boron	11-1	625	708	925	753	20.57	cps
Cadmium	111-1	1052	908	812	924	13.08	cps
Cadmium	106-1	1484	1267	1158	1303	12.70	cps
Cadmium	108-1	4	0	4	3	86.60	cps
Calcium	43-1	808	942	850	867	7.87	cps
Calcium	44-1	10830	11689	11347	11288	3.83	cps
Chromium	52-2	187	147	143	159	15.18	cps
Cobalt	59-2	40	43	37	40	8.32	cps
Copper	63-2	140	100	107	116	18.54	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	75	17	0	31	128.88	cps
Erbium	164-2	7	0	7	4	86.60	cps
Gadolinium	160-1	58	42	42	47	20.38	cps
Gadolinium	160-2	7	0	10	6	91.64	cps
Holmium	165-1	8528250	8625969	7928225	8360815	4.52	cps
Holmium	165-2	1866350	1813703	1839981	1840011	1.43	cps
Indium	115-1	6952857	6940377	6481801	6791678	3.95	cps
Indium	115-2	281560	277394	280086	279680	0.76	cps
Iron	56-2	633	817	644	698	14.72	cps
Iron	57-2	28	22	39	30	28.65	cps
Krypton	83-1	287	283	290	287	1.16	cps
Lead	206-1	161	211	194	189	13.48	cps
Lead	207-1	156	100	172	143	26.52	cps
Lead	208-1	706	694	744	715	3.67	cps
Lithium	6-1	1502812	1493526	1372383	1456240	5.00	cps
Magnesium	24-2	225	175	167	189	16.70	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:32:34	DataFile Name :	003CALB_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10	10	7	9	21.63	cps
Molybdenum	94-1	250	242	275	256	6.79	cps
Molybdenum	95-1	158	92	133	128	26.36	cps
Molybdenum	96-1	150	183	300	211	37.31	cps
Molybdenum	97-1	108	150	200	153	30.04	cps
Molybdenum	98-1	142	200	300	214	37.44	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	373	433	407	404	7.43	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	1892	1967	1800	1886	4.43	cps
Rhodium	103-1	6382600	6511459	5983484	6292514	4.37	cps
Rhodium	103-2	1683587	1691808	1696188	1690528	0.38	cps
Scandium	45-1	3934178	4008148	3652716	3865014	4.85	cps
Scandium	45-2	29879	29638	29581	29699	0.53	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-26	-72	-46	-48	-48.19	cps
Silicon	28-1	378348	376023	381078	378483	0.67	cps
Silver	109-1	25	17	50	31	56.77	cps
Silver	107-1	50	58	58	56	8.67	cps
Sodium	23-2	2834	2600	2317	2584	10.02	cps
Strontium	86-1	458	350	450	419	14.37	cps
Strontium	88-1	133	108	108	117	12.37	cps
Sulfur	34-1	354173	352636	352098	352969	0.31	cps
Terbium	159-1	9027416	9068672	8340306	8812131	4.64	cps
Terbium	159-2	1784352	1783124	1802450	1789975	0.60	cps
Thallium	203-1	125	108	125	119	8.06	cps
Thallium	205-1	275	433	283	331	26.96	cps
Tin	118-1	800	950	808	853	9.89	cps
Titanium	47-1	100	100	133	111	17.32	cps
Uranium	238-1	33	33	67	44	43.30	cps
Vanadium	51-2	7	0	7	4	86.60	cps
Yttrium	89-1	7187673	7170315	6585503	6981164	4.91	cps
Yttrium	89-2	204947	201299	204723	203656	1.00	cps
Zinc	66-2	50	50	20	40	43.30	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:32:34	DataFile Name :	003CALB_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	492	483	533	503	5.33	cps
Zirconium	91-1	67	75	50	64	19.92	cps

LB Number : LB94206 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-20 14:40:03 DataFile Name : 005CAL5_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	92	100	97	4.95	cps
Antimony	121-1	12264	12023	12073	12120	1.05	cps
Arsenic	75-2	65	65	65	65	0.00	cps
Barium	135-1	12381	12615	12515	12504	0.94	cps
Barium	137-1	21610	21902	21068	21527	1.97	cps
Beryllium	9-1	895	972	883	917	5.28	cps
Bismuth	209-1	5590508	5380170	5314841	5428507	2.65	cps
Bismuth	209-2	1469060	1481257	1481586	1477301	0.48	cps
Boron	10-1	2617	2692	2217	2509	10.18	cps
Boron	11-1	10362	11147	11730	11080	6.19	cps
Cadmium	111-1	2038	2295	2064	2132	6.64	cps
Cadmium	106-1	1333	1625	1433	1464	10.13	cps
Cadmium	108-1	125	108	50	94	41.70	cps
Calcium	43-1	7594	7219	7002	7272	4.12	cps
Calcium	44-1	110482	112642	112322	111815	1.04	cps
Chromium	52-2	1093	1137	1187	1139	4.10	cps
Cobalt	59-2	1127	1217	1237	1193	4.91	cps
Copper	63-2	2067	2060	2140	2089	2.13	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	42	17	17	25	57.73	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	17	42	83	47	71.32	cps
Gadolinium	160-2	10	3	10	8	49.52	cps
Holmium	165-1	8485086	8237561	8235361	8319336	1.73	cps
Holmium	165-2	1784767	1788292	1769087	1780715	0.57	cps
Indium	115-1	6806802	6632682	6539158	6659547	2.04	cps
Indium	115-2	271017	274293	272500	272604	0.60	cps
Iron	56-2	16989	17333	16988	17103	1.16	cps
Iron	57-2	589	433	450	491	17.40	cps
Krypton	83-1	223	253	300	259	14.92	cps
Lead	206-1	4095	3656	4001	3917	5.90	cps
Lead	207-1	3351	3690	3651	3564	5.21	cps
Lead	208-1	15793	15532	16471	15932	3.04	cps
Lithium	6-1	1442009	1449661	1413962	1435211	1.31	cps
Magnesium	24-2	9387	9287	9462	9378	0.94	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:40:03	DataFile Name :	005CAL5_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	127	170	173	157	16.62	cps
Molybdenum	94-1	9954	9637	9946	9846	1.83	cps
Molybdenum	95-1	11397	11889	11639	11642	2.11	cps
Molybdenum	96-1	13107	13215	12907	13076	1.20	cps
Molybdenum	97-1	7661	7402	7327	7464	2.34	cps
Molybdenum	98-1	19356	19598	18697	19217	2.43	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	727	740	740	736	1.05	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	6802	6560	6727	6696	1.85	cps
Rhodium	103-1	6331722	6195233	6135173	6220710	1.62	cps
Rhodium	103-2	1644117	1637704	1664266	1648696	0.84	cps
Scandium	45-1	3879988	3780098	3733928	3798005	1.97	cps
Scandium	45-2	29284	29371	29150	29268	0.38	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	6	11	4	7	56.78	cps
Selenium	82-1	380	378	347	368	5.04	cps
Silicon	28-1	410954	412221	415581	412919	0.58	cps
Silver	109-1	6110	6035	6002	6049	0.92	cps
Silver	107-1	5927	6127	5952	6002	1.82	cps
Sodium	23-2	25557	23912	24021	24497	3.75	cps
Strontium	86-1	2225	1900	2134	2086	8.03	cps
Strontium	88-1	12915	13232	14233	13460	5.11	cps
Sulfur	34-1	350554	351384	352722	351553	0.31	cps
Terbium	159-1	8835435	8602505	8498313	8645418	2.00	cps
Terbium	159-2	1706255	1703337	1719774	1709789	0.51	cps
Thallium	203-1	4601	4468	5060	4709	6.59	cps
Thallium	205-1	11155	11531	11039	11242	2.29	cps
Tin	118-1	19824	20550	20283	20219	1.82	cps
Titanium	47-1	3150	3084	3217	3150	2.12	cps
Uranium	238-1	14434	14442	14192	14356	0.99	cps
Vanadium	51-2	1817	1944	1713	1825	6.31	cps
Yttrium	89-1	7073428	7035311	6854797	6987845	1.67	cps
Yttrium	89-2	200961	200890	201251	201034	0.10	cps
Zinc	66-2	190	207	267	221	18.24	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:40:03	DataFile Name :	005CALS_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8445	8787	8528	8586	2.08	cps
Zirconium	91-1	2017	1842	1917	1925	4.56	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:43:47	DataFile Name :	006CAL5_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4301	4284	4201	4262	1.26	cps
Antimony	121-1	318463	324971	322589	322008	1.02	cps
Arsenic	75-2	3400	3508	3465	3458	1.56	cps
Barium	135-1	347091	348242	347030	347454	0.20	cps
Barium	137-1	608567	605861	605263	606563	0.29	cps
Beryllium	9-1	46297	44792	46069	45719	1.77	cps
Bismuth	209-1	5654490	5563360	5648204	5622018	0.91	cps
Bismuth	209-2	1516565	1525228	1500568	1514120	0.83	cps
Boron	10-1	5568	5318	5651	5512	3.15	cps
Boron	11-1	24730	24588	25841	25053	2.74	cps
Cadmium	111-1	70326	70140	69841	70102	0.35	cps
Cadmium	106-1	8278	8078	8586	8314	3.08	cps
Cadmium	108-1	5051	5284	5184	5173	2.26	cps
Calcium	43-1	71105	71977	71207	71430	0.67	cps
Calcium	44-1	1159014	1159026	1163589	1160543	0.23	cps
Chromium	52-2	27931	28028	28646	28202	1.38	cps
Cobalt	59-2	61780	62007	61609	61798	0.32	cps
Copper	63-2	107388	107596	106578	107187	0.50	cps
Dysprosium	156-1	33	25	42	33	25.01	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	25	33	8	22	57.29	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	33	50	33	39	24.74	cps
Gadolinium	160-2	10	3	10	8	49.52	cps
Holmium	165-1	8680648	8475516	8732279	8629481	1.57	cps
Holmium	165-2	1855924	1863070	1817178	1845391	1.34	cps
Indium	115-1	6905862	6756628	7018078	6893522	1.90	cps
Indium	115-2	280789	282483	278688	280653	0.68	cps
Iron	56-2	926505	930304	926980	927930	0.22	cps
Iron	57-2	23042	23131	23398	23190	0.80	cps
Krypton	83-1	257	233	263	251	6.27	cps
Lead	206-1	209150	208394	207642	208395	0.36	cps
Lead	207-1	188201	188885	187351	188146	0.41	cps
Lead	208-1	849380	849558	848451	849129	0.07	cps
Lithium	6-1	1466214	1453140	1501681	1473678	1.70	cps
Magnesium	24-2	104717	106279	106648	105881	0.97	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:43:47	DataFile Name :	006CAL5_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	15509	15656	15752	15639	0.78	cps
Molybdenum	94-1	548898	544021	553823	548914	0.89	cps
Molybdenum	95-1	670958	662590	668287	667278	0.64	cps
Molybdenum	96-1	745227	740586	744325	743380	0.33	cps
Molybdenum	97-1	412538	418159	422355	417684	1.18	cps
Molybdenum	98-1	1066366	1075173	1068496	1070012	0.43	cps
Neodymium	150-1	33	13	7	18	78.07	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	17678	18436	18416	18177	2.38	cps
Phosphorus	31-2	325	233	250	269	18.12	cps
Potassium	39-2	29540	30200	29449	29730	1.38	cps
Rhodium	103-1	6354277	6272712	6461495	6362828	1.49	cps
Rhodium	103-2	1660517	1684934	1676593	1674014	0.74	cps
Scandium	45-1	3930085	3908664	4004662	3947804	1.28	cps
Scandium	45-2	29638	29725	29818	29727	0.30	cps
Selenium	77-2	37	27	43	36	23.58	cps
Selenium	78-2	93	100	56	83	28.78	cps
Selenium	82-1	4280	4395	4451	4375	1.99	cps
Silicon	28-1	547848	546703	547603	547385	0.11	cps
Silver	109-1	328123	322450	325278	325284	0.87	cps
Silver	107-1	343152	341103	337281	340512	0.88	cps
Sodium	23-2	248467	246916	248128	247837	0.33	cps
Strontium	86-1	88175	87488	88930	88198	0.82	cps
Strontium	88-1	754974	756445	756063	755827	0.10	cps
Sulfur	34-1	367949	368322	367556	367942	0.10	cps
Terbium	159-1	9009903	8868233	9111275	8996470	1.36	cps
Terbium	159-2	1750891	1765050	1735077	1750339	0.86	cps
Thallium	203-1	255121	260374	257971	257822	1.02	cps
Thallium	205-1	612682	622273	619331	618095	0.79	cps
Tin	118-1	225138	223107	226656	224967	0.79	cps
Titanium	47-1	172516	173166	174701	173461	0.65	cps
Uranium	238-1	801911	811957	805174	806347	0.64	cps
Vanadium	51-2	21080	21093	20892	21022	0.53	cps
Yttrium	89-1	7185451	7081014	7250969	7172478	1.20	cps
Yttrium	89-2	206158	208348	204039	206182	1.05	cps
Zinc	66-2	9090	9493	9367	9317	2.22	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:43:47	DataFile Name :	006CALS_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	453590	455353	458578	455840	0.55	cps
Zirconium	91-1	101846	101838	100352	101345	0.85	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:47:30	DataFile Name :	007CAL5_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10554	10529	10246	10443	1.64	cps
Antimony	121-1	818016	817917	818601	818178	0.05	cps
Arsenic	75-2	8467	8610	8740	8606	1.58	cps
Barium	135-1	882331	888091	885042	885155	0.33	cps
Barium	137-1	1544657	1544089	1546725	1545157	0.09	cps
Beryllium	9-1	114289	114172	115112	114524	0.45	cps
Bismuth	209-1	5665182	5700656	5811539	5725792	1.33	cps
Bismuth	209-2	1496820	1507552	1376606	1460326	4.98	cps
Boron	10-1	12831	13365	13649	13282	3.12	cps
Boron	11-1	60780	61583	63760	62041	2.49	cps
Cadmium	111-1	173172	175966	174801	174646	0.80	cps
Cadmium	106-1	18071	19573	19974	19206	5.22	cps
Cadmium	108-1	12443	12664	12252	12453	1.66	cps
Calcium	43-1	176598	175416	176040	176018	0.34	cps
Calcium	44-1	2862159	2881743	2893103	2879001	0.54	cps
Chromium	52-2	68852	68580	70349	69260	1.38	cps
Cobalt	59-2	151170	150304	154583	152019	1.49	cps
Copper	63-2	262934	263644	267994	264858	1.03	cps
Dysprosium	156-1	25	33	25	28	17.33	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	58	50	44	39.04	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	67	50	25	47	44.41	cps
Gadolinium	160-2	0	0	13	4	173.21	cps
Holmium	165-1	8760454	8694928	8842300	8765894	0.84	cps
Holmium	165-2	1825405	1850332	1669593	1781777	5.50	cps
Indium	115-1	6953275	6905547	6947787	6935536	0.38	cps
Indium	115-2	274414	278483	249105	267334	5.95	cps
Iron	56-2	2360764	2316853	2333514	2337044	0.95	cps
Iron	57-2	56554	59098	58133	57928	2.22	cps
Krypton	83-1	233	223	173	210	15.31	cps
Lead	206-1	527529	531584	532408	530507	0.49	cps
Lead	207-1	479822	483799	482921	482181	0.43	cps
Lead	208-1	2151000	2176326	2170434	2165920	0.61	cps
Lithium	6-1	1474336	1426778	1504915	1468676	2.68	cps
Magnesium	24-2	262478	260433	262608	261840	0.47	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:47:30	DataFile Name :	007CAL5_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	39215	38399	39730	39115	1.72	cps
Molybdenum	94-1	1380616	1381495	1397000	1386370	0.66	cps
Molybdenum	95-1	1714172	1692815	1706421	1704469	0.63	cps
Molybdenum	96-1	1892331	1921612	1887684	1900542	0.97	cps
Molybdenum	97-1	1053188	1060168	1057674	1057010	0.33	cps
Molybdenum	98-1	2738289	2726613	2722624	2729176	0.30	cps
Neodymium	150-1	60	33	73	56	36.67	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	44678	44595	45973	45082	1.71	cps
Phosphorus	31-2	725	658	683	689	4.89	cps
Potassium	39-2	69874	69036	69489	69466	0.60	cps
Rhodium	103-1	6358945	6366945	6425059	6383650	0.57	cps
Rhodium	103-2	1651754	1674072	1482387	1602738	6.54	cps
Scandium	45-1	3956558	3965125	4019711	3980464	0.86	cps
Scandium	45-2	30022	29655	26760	28812	6.20	cps
Selenium	77-2	63	40	43	49	25.81	cps
Selenium	78-2	196	204	185	195	4.78	cps
Selenium	82-1	10965	10871	11086	10974	0.98	cps
Silicon	28-1	811734	808430	822578	814247	0.91	cps
Silver	109-1	816842	812571	819198	816204	0.41	cps
Silver	107-1	850953	853455	851347	851918	0.16	cps
Sodium	23-2	614295	606554	611207	610685	0.64	cps
Strontium	86-1	216678	218877	220620	218725	0.90	cps
Strontium	88-1	1919020	1901668	1928503	1916397	0.71	cps
Sulfur	34-1	390434	389907	388299	389547	0.29	cps
Terbium	159-1	9064298	9026207	9260595	9117033	1.38	cps
Terbium	159-2	1721429	1779231	1608974	1703212	5.08	cps
Thallium	203-1	650992	660896	655514	655801	0.76	cps
Thallium	205-1	1572549	1582143	1553000	1569231	0.95	cps
Tin	118-1	571185	562527	574592	569435	1.09	cps
Titanium	47-1	432969	438372	434640	435327	0.64	cps
Uranium	238-1	2112596	2119727	2086358	2106227	0.83	cps
Vanadium	51-2	52511	52053	51782	52116	0.71	cps
Yttrium	89-1	7190875	7107857	7245632	7181454	0.97	cps
Yttrium	89-2	203009	204376	184087	197157	5.75	cps
Zinc	66-2	22525	22836	23490	22950	2.15	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:47:30	DataFile Name :	007CALS_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1155744	1161780	1162355	1159960	0.32	cps
Zirconium	91-1	258954	257726	258479	258386	0.24	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:51:08	DataFile Name :	008CAL5_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20499	20908	21592	21000	2.63	cps
Antimony	121-1	1641978	1678348	1666868	1662398	1.12	cps
Arsenic	75-2	16755	17422	16786	16988	2.22	cps
Barium	135-1	1783585	1782087	1791603	1785758	0.29	cps
Barium	137-1	3057713	3082337	3056546	3065532	0.48	cps
Beryllium	9-1	224868	221652	222952	223157	0.72	cps
Bismuth	209-1	5744431	5786100	5742993	5757842	0.43	cps
Bismuth	209-2	1491814	1511909	1505311	1503011	0.68	cps
Boron	10-1	25390	25265	26091	25582	1.74	cps
Boron	11-1	120369	121796	124275	122147	1.62	cps
Cadmium	111-1	344095	347200	346480	345925	0.47	cps
Cadmium	106-1	36827	37436	38448	37570	2.18	cps
Cadmium	108-1	24719	24765	24439	24641	0.72	cps
Calcium	43-1	347245	352127	348403	349258	0.73	cps
Calcium	44-1	5667115	5702754	5683162	5684344	0.31	cps
Chromium	52-2	134831	134330	136582	135248	0.87	cps
Cobalt	59-2	295703	296377	298870	296983	0.56	cps
Copper	63-2	511238	513377	516615	513743	0.53	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	42	17	50	36	48.03	cps
Erbium	164-2	3	13	3	7	86.65	cps
Gadolinium	160-1	58	50	33	47	26.97	cps
Gadolinium	160-2	0	10	7	6	91.64	cps
Holmium	165-1	8825980	8888163	8760112	8824752	0.73	cps
Holmium	165-2	1822059	1868046	1822098	1837401	1.44	cps
Indium	115-1	6961330	6917178	6956714	6945074	0.35	cps
Indium	115-2	271854	273288	271700	272281	0.32	cps
Iron	56-2	4586808	4557821	4552837	4565822	0.40	cps
Iron	57-2	113884	113738	114539	114053	0.37	cps
Krypton	83-1	287	223	293	268	14.43	cps
Lead	206-1	1056120	1069633	1071480	1065744	0.79	cps
Lead	207-1	962228	967307	969869	966468	0.40	cps
Lead	208-1	4365804	4384353	4396207	4382121	0.35	cps
Lithium	6-1	1474442	1450595	1471002	1465346	0.88	cps
Magnesium	24-2	513083	508670	511947	511233	0.45	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:51:08	DataFile Name :	008CAL5_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	76180	76076	76612	76289	0.37	cps
Molybdenum	94-1	2723256	2769412	2748214	2746961	0.84	cps
Molybdenum	95-1	3369968	3402866	3345704	3372846	0.85	cps
Molybdenum	96-1	3768569	3744981	3739082	3750877	0.42	cps
Molybdenum	97-1	2084754	2129199	2093286	2102413	1.12	cps
Molybdenum	98-1	5368465	5421703	5352184	5380784	0.68	cps
Neodymium	150-1	67	80	80	76	10.19	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	86255	86453	86389	86366	0.12	cps
Phosphorus	31-2	1592	1517	1433	1514	5.23	cps
Potassium	39-2	135850	134941	136346	135712	0.52	cps
Rhodium	103-1	6295185	6337043	6265659	6299295	0.57	cps
Rhodium	103-2	1648080	1649191	1643901	1647057	0.17	cps
Scandium	45-1	3922031	3958971	3942460	3941154	0.47	cps
Scandium	45-2	29297	28883	29194	29125	0.74	cps
Selenium	77-2	110	93	103	102	8.20	cps
Selenium	78-2	350	346	359	352	1.90	cps
Selenium	82-1	21623	21214	21713	21517	1.24	cps
Silicon	28-1	1130677	1128630	1131694	1130334	0.14	cps
Silver	109-1	1663599	1641882	1641672	1649051	0.76	cps
Silver	107-1	1680869	1719707	1719526	1706701	1.31	cps
Sodium	23-2	1204477	1181418	1203521	1196472	1.09	cps
Strontium	86-1	433915	432308	439494	435239	0.87	cps
Strontium	88-1	3784101	3790149	3754534	3776261	0.50	cps
Sulfur	34-1	427253	425046	429116	427138	0.48	cps
Terbium	159-1	9084584	9305406	9146713	9178901	1.24	cps
Terbium	159-2	1756083	1753541	1762014	1757212	0.25	cps
Thallium	203-1	1318324	1314759	1319053	1317379	0.17	cps
Thallium	205-1	3140564	3177880	3165999	3161481	0.60	cps
Tin	118-1	1133316	1136485	1135882	1135228	0.15	cps
Titanium	47-1	855384	867551	865926	862954	0.77	cps
Uranium	238-1	4244421	4207208	4247092	4232907	0.53	cps
Vanadium	51-2	103508	101900	103254	102888	0.84	cps
Yttrium	89-1	7303824	7226221	7168337	7232794	0.94	cps
Yttrium	89-2	202507	204150	201349	202669	0.69	cps
Zinc	66-2	45214	45000	45180	45131	0.26	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:51:08	DataFile Name :	008CALS_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2287092	2305754	2297134	2296660	0.41	cps
Zirconium	91-1	511662	514068	507384	511038	0.66	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:54:40	DataFile Name :	009CAL5_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	40584	40500	39381	40155	1.67	cps
Antimony	121-1	3304079	3338546	3322136	3321587	0.52	cps
Arsenic	75-2	33409	33206	33396	33337	0.34	cps
Barium	135-1	3532530	3550038	3545263	3542610	0.26	cps
Barium	137-1	6034059	6115086	6096835	6081993	0.70	cps
Beryllium	9-1	434558	438506	433490	435518	0.61	cps
Bismuth	209-1	5862881	5850943	5816466	5843430	0.41	cps
Bismuth	209-2	1487647	1502929	1427468	1472681	2.71	cps
Boron	10-1	51142	51377	52815	51778	1.75	cps
Boron	11-1	235978	238451	240788	238406	1.01	cps
Cadmium	111-1	690416	688895	692005	690438	0.23	cps
Cadmium	106-1	73132	73098	72076	72769	0.82	cps
Cadmium	108-1	49311	49139	49457	49303	0.32	cps
Calcium	43-1	692889	688423	693381	691564	0.39	cps
Calcium	44-1	11185664	11113673	11346027	11215121	1.06	cps
Chromium	52-2	265584	265437	263808	264943	0.37	cps
Cobalt	59-2	581916	583375	589490	584927	0.69	cps
Copper	63-2	1012106	1004183	1005546	1007278	0.42	cps
Dysprosium	156-1	108	75	33	72	52.04	cps
Dysprosium	156-2	10	0	7	6	91.64	cps
Erbium	164-1	67	33	50	50	33.34	cps
Erbium	164-2	7	7	13	9	43.25	cps
Gadolinium	160-1	33	75	25	44	60.28	cps
Gadolinium	160-2	3	3	7	4	43.40	cps
Holmium	165-1	8985571	8971632	9009752	8988985	0.21	cps
Holmium	165-2	1800888	1855899	1736078	1797622	3.34	cps
Indium	115-1	6864286	6990062	7058182	6970843	1.41	cps
Indium	115-2	268631	270532	256355	265173	2.90	cps
Iron	56-2	8904665	8801692	8767893	8824750	0.81	cps
Iron	57-2	224122	223501	221367	222997	0.65	cps
Krypton	83-1	280	263	293	279	5.39	cps
Lead	206-1	2162100	2181146	2203051	2182099	0.94	cps
Lead	207-1	1986588	1999454	1977800	1987947	0.55	cps
Lead	208-1	8861320	8914202	8911729	8895750	0.34	cps
Lithium	6-1	1435296	1468276	1452344	1451972	1.14	cps
Magnesium	24-2	998454	993611	997690	996585	0.26	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:54:40	DataFile Name :	009CAL5_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	149079	148416	149867	149121	0.49	cps
Molybdenum	94-1	5411878	5457375	5438729	5435994	0.42	cps
Molybdenum	95-1	6706542	6737374	6669544	6704487	0.51	cps
Molybdenum	96-1	7420338	7412590	7435642	7422857	0.16	cps
Molybdenum	97-1	4167293	4162569	4236717	4188860	0.99	cps
Molybdenum	98-1	10785669	10732239	10662613	10726840	0.58	cps
Neodymium	150-1	180	133	147	153	15.68	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	170765	168242	169979	169662	0.76	cps
Phosphorus	31-2	2567	2609	2550	2575	1.17	cps
Potassium	39-2	262943	258708	261311	260988	0.82	cps
Rhodium	103-1	6366425	6340610	6284799	6330611	0.66	cps
Rhodium	103-2	1622306	1642742	1558704	1607918	2.73	cps
Scandium	45-1	3950236	3926882	3948841	3941986	0.33	cps
Scandium	45-2	28556	29521	27374	28484	3.78	cps
Selenium	77-2	223	243	197	221	10.59	cps
Selenium	78-2	785	693	732	736	6.31	cps
Selenium	82-1	43175	42892	43041	43036	0.33	cps
Silicon	28-1	1861135	1871460	1865831	1866142	0.28	cps
Silver	109-1	3245270	3243783	3284821	3257958	0.71	cps
Silver	107-1	3377618	3346253	3358056	3360642	0.47	cps
Sodium	23-2	2335408	2319102	2312879	2322463	0.50	cps
Strontium	86-1	859982	874021	873833	869279	0.93	cps
Strontium	88-1	7500137	7376528	7522395	7466353	1.05	cps
Sulfur	34-1	515749	522473	513395	517206	0.91	cps
Terbium	159-1	9307181	9343909	9395588	9348893	0.48	cps
Terbium	159-2	1736436	1771957	1672614	1727003	2.91	cps
Thallium	203-1	2699982	2704274	2719783	2708013	0.38	cps
Thallium	205-1	6312387	6308080	6342195	6320888	0.29	cps
Tin	118-1	2286091	2283671	2296347	2288703	0.29	cps
Titanium	47-1	1766260	1716311	1724988	1735853	1.54	cps
Uranium	238-1	8464760	8436248	8508718	8469909	0.43	cps
Vanadium	51-2	202091	200921	200912	201308	0.34	cps
Yttrium	89-1	7272252	7247234	7237746	7252410	0.25	cps
Yttrium	89-2	202239	201973	192252	198821	2.86	cps
Zinc	66-2	88182	87802	87963	87982	0.22	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:54:40	DataFile Name :	009CALS_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4587680	4614878	4594156	4598905	0.31	cps
Zirconium	91-1	1019945	1026408	1025798	1024050	0.35	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:58:08	DataFile Name :	010CAL5_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	78140	78333	76506	77660	1.29	cps
Antimony	121-1	6597084	6562308	6562040	6573810	0.31	cps
Arsenic	75-2	65281	64899	64695	64958	0.46	cps
Barium	135-1	7048420	6956788	7043707	7016305	0.74	cps
Barium	137-1	12053193	12101427	12174140	12109587	0.50	cps
Beryllium	9-1	851049	847545	845323	847972	0.34	cps
Bismuth	209-1	5795784	5804449	5726604	5775612	0.74	cps
Bismuth	209-2	1449425	1444734	1460456	1451538	0.56	cps
Boron	10-1	98018	99972	103287	100425	2.65	cps
Boron	11-1	461328	473678	480015	471673	2.01	cps
Cadmium	111-1	1358205	1351519	1345583	1351769	0.47	cps
Cadmium	106-1	143077	143758	141595	142810	0.77	cps
Cadmium	108-1	98527	98746	97163	98145	0.87	cps
Calcium	43-1	1377026	1399016	1387088	1387710	0.79	cps
Calcium	44-1	22085990	22321571	22191364	22199641	0.53	cps
Chromium	52-2	513880	516037	513994	514637	0.24	cps
Cobalt	59-2	1136201	1129557	1131135	1132297	0.31	cps
Copper	63-2	1974696	1964344	1963205	1967415	0.32	cps
Dysprosium	156-1	83	83	33	67	43.31	cps
Dysprosium	156-2	17	17	10	14	26.66	cps
Erbium	164-1	42	25	125	64	83.86	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	83	50	50	61	31.50	cps
Gadolinium	160-2	10	10	23	14	53.28	cps
Holmium	165-1	8957640	8868425	8936963	8921009	0.52	cps
Holmium	165-2	1798627	1798254	1789228	1795370	0.30	cps
Indium	115-1	6706476	6659193	6810172	6725280	1.15	cps
Indium	115-2	255536	256602	258567	256902	0.60	cps
Iron	56-2	17089953	17178662	17121432	17130016	0.26	cps
Iron	57-2	432767	433534	431056	432452	0.29	cps
Krypton	83-1	227	237	313	259	18.32	cps
Lead	206-1	4318105	4365945	4268337	4317462	1.13	cps
Lead	207-1	4040065	3974912	3971506	3995494	0.97	cps
Lead	208-1	17736450	17670560	17563489	17656833	0.49	cps
Lithium	6-1	1434297	1407795	1427504	1423199	0.97	cps
Magnesium	24-2	1924446	1955430	1925748	1935208	0.91	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:58:08	DataFile Name :	010CAL5_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	290065	290084	287927	289359	0.43	cps
Molybdenum	94-1	10756014	10767226	10634993	10719411	0.68	cps
Molybdenum	95-1	13207088	13126207	13084562	13139286	0.47	cps
Molybdenum	96-1	14758037	14597940	14622649	14659542	0.59	cps
Molybdenum	97-1	8264562	8266156	8126144	8218954	0.98	cps
Molybdenum	98-1	21488716	21417347	21155868	21353977	0.82	cps
Neodymium	150-1	280	280	287	282	1.36	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	327031	326910	327075	327005	0.03	cps
Phosphorus	31-2	5268	5435	5376	5360	1.58	cps
Potassium	39-2	503084	502402	497648	501045	0.59	cps
Rhodium	103-1	6144233	6107574	6183992	6145266	0.62	cps
Rhodium	103-2	1574752	1577675	1573364	1575264	0.14	cps
Scandium	45-1	3848336	3903528	3893221	3881695	0.76	cps
Scandium	45-2	27707	28179	28282	28056	1.09	cps
Selenium	77-2	380	403	387	390	3.08	cps
Selenium	78-2	1328	1478	1443	1416	5.54	cps
Selenium	82-1	85223	84106	84807	84712	0.67	cps
Silicon	28-1	3172938	3189482	3177447	3179956	0.27	cps
Silver	109-1	6293551	6310989	6237147	6280562	0.61	cps
Silver	107-1	6577618	6582970	6493893	6551494	0.76	cps
Sodium	23-2	4448330	4473226	4432480	4451345	0.46	cps
Strontium	86-1	1745884	1747165	1738931	1743993	0.25	cps
Strontium	88-1	14921696	14777740	14732990	14810809	0.67	cps
Sulfur	34-1	709059	706355	699019	704811	0.74	cps
Terbium	159-1	9335213	9288522	9345864	9323199	0.33	cps
Terbium	159-2	1735754	1719250	1738605	1731203	0.60	cps
Thallium	203-1	5340003	5359336	5331719	5343686	0.27	cps
Thallium	205-1	12485257	12479632	12487106	12483998	0.03	cps
Tin	118-1	4545981	4539147	4524010	4536379	0.25	cps
Titanium	47-1	3434813	3372423	3422295	3409844	0.97	cps
Uranium	238-1	17145911	17090461	16918506	17051626	0.70	cps
Vanadium	51-2	393096	392278	392038	392471	0.14	cps
Yttrium	89-1	7243836	7119497	7185518	7182951	0.87	cps
Yttrium	89-2	195351	195766	196959	196025	0.43	cps
Zinc	66-2	172277	169119	170766	170721	0.93	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 14:58:08	DataFile Name :	010CALS_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9127860	8990222	8953383	9023822	1.02	cps
Zirconium	91-1	2055400	2070988	2043109	2056499	0.68	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 15:01:34	DataFile Name :	011CAL5_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	392406	393203	389043	391551	0.56	cps
Antimony	121-1	20909	22553	23046	22169	5.05	cps
Arsenic	75-2	130	135	76	114	28.81	cps
Barium	135-1	2350	2567	2359	2425	5.06	cps
Barium	137-1	4209	4218	4109	4179	1.44	cps
Beryllium	9-1	717	650	572	646	11.19	cps
Bismuth	209-1	5528532	5443099	5544864	5505498	0.99	cps
Bismuth	209-2	1372785	1375393	1399116	1382432	1.05	cps
Boron	10-1	5043	4526	3984	4518	11.72	cps
Boron	11-1	23052	20924	19280	21086	8.97	cps
Cadmium	111-1	1375	1098	1272	1248	11.19	cps
Cadmium	106-1	1392	1158	1317	1289	9.24	cps
Cadmium	108-1	29	42	29	33	21.65	cps
Calcium	43-1	6780902	6824535	6879476	6828304	0.72	cps
Calcium	44-1	112041532	112932073	112163040	112378882	0.43	cps
Chromium	52-2	23103	23240	22785	23043	1.01	cps
Cobalt	59-2	13830	14077	13897	13935	0.92	cps
Copper	63-2	4227	3951	4111	4096	3.39	cps
Dysprosium	156-1	58	50	83	64	27.15	cps
Dysprosium	156-2	10	10	3	8	49.52	cps
Erbium	164-1	33	100	50	61	56.78	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	92	33	67	64	45.81	cps
Gadolinium	160-2	17	10	3	10	66.70	cps
Holmium	165-1	9076879	8810781	8991071	8959577	1.52	cps
Holmium	165-2	1811109	1798038	1829693	1812947	0.88	cps
Indium	115-1	6649610	6664473	6651684	6655255	0.12	cps
Indium	115-2	255110	254829	257431	255790	0.56	cps
Iron	56-2	84589807	83961899	84132344	84228017	0.39	cps
Iron	57-2	2163811	2155040	2137374	2152075	0.63	cps
Krypton	83-1	197	283	197	226	22.18	cps
Lead	206-1	8175	8258	8064	8166	1.20	cps
Lead	207-1	7352	7397	7008	7252	2.94	cps
Lead	208-1	33541	32528	32178	32749	2.16	cps
Lithium	6-1	1423708	1422279	1447915	1431300	1.01	cps
Magnesium	24-2	9460600	9414879	9328913	9401464	0.71	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 15:01:34	DataFile Name :	011CAL5_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1430	1217	1317	1321	8.08	cps
Molybdenum	94-1	15001	14099	15376	14825	4.43	cps
Molybdenum	95-1	23129	23563	25124	23939	4.38	cps
Molybdenum	96-1	26919	26510	28998	27476	4.86	cps
Molybdenum	97-1	14859	15084	16294	15412	5.01	cps
Molybdenum	98-1	37177	38355	40913	38815	4.92	cps
Neodymium	150-1	87	100	100	96	8.05	cps
Neodymium	150-2	3	20	7	10	88.20	cps
Nickel	60-2	12089	11922	12129	12046	0.91	cps
Phosphorus	31-2	8	17	8	11	43.34	cps
Potassium	39-2	2511860	2489513	2519264	2506879	0.62	cps
Rhodium	103-1	5999275	5850464	5973877	5941206	1.34	cps
Rhodium	103-2	1491359	1513309	1528550	1511073	1.24	cps
Scandium	45-1	3826958	3809245	3913641	3849948	1.45	cps
Scandium	45-2	27971	27130	27510	27537	1.53	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	192	72	190	151	45.30	cps
Silicon	28-1	572891	580387	584157	579145	0.99	cps
Silver	109-1	1025	825	800	883	13.96	cps
Silver	107-1	1033	992	900	975	7.00	cps
Sodium	23-2	22585587	22134507	22099658	22273251	1.22	cps
Strontium	86-1	58484	57932	56685	57701	1.60	cps
Strontium	88-1	500734	500413	496138	499095	0.51	cps
Sulfur	34-1	303051	308396	305360	305603	0.88	cps
Terbium	159-1	9352679	9112173	9348780	9271211	1.49	cps
Terbium	159-2	1729593	1696684	1751553	1725943	1.60	cps
Thallium	203-1	3392	3209	2834	3145	9.05	cps
Thallium	205-1	7861	7686	7511	7686	2.28	cps
Tin	118-1	7552	7794	8028	7791	3.05	cps
Titanium	47-1	1058	925	1208	1064	13.32	cps
Uranium	238-1	2009	2017	1842	1956	5.05	cps
Vanadium	51-2	160	167	137	154	10.20	cps
Yttrium	89-1	7076256	6944485	7040398	7020380	0.97	cps
Yttrium	89-2	192289	192412	197146	193949	1.43	cps
Zinc	66-2	1077	1063	997	1046	4.10	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 15:01:34	DataFile Name :	011CALS_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2767	2559	2167	2498	12.20	cps
Zirconium	91-1	533	542	692	589	15.13	cps

LB Number : LB94206 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-20 15:19:54 DataFile Name : 012ICV01_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2167	2459	2017	2214	10.15	cps
Antimony	121-1	1217789	1233574	1236895	1229419	0.83	cps
Arsenic	75-2	13275	12871	12945	13030	1.65	cps
Barium	135-1	133527	134484	134569	134193	0.43	cps
Barium	137-1	233325	232452	235089	233622	0.58	cps
Beryllium	9-1	84329	85671	86051	85350	1.06	cps
Bismuth	209-1	5582365	5582852	5345535	5503584	2.49	cps
Bismuth	209-2	1495147	1487871	1495634	1492884	0.29	cps
Boron	10-1	55316	53869	54956	54713	1.38	cps
Boron	11-1	255029	254424	257954	255802	0.74	cps
Cadmium	111-1	133639	136397	137400	135812	1.43	cps
Cadmium	106-1	22995	22812	22845	22884	0.43	cps
Cadmium	108-1	12364	11985	12352	12234	1.76	cps
Calcium	43-1	29482	29757	29098	29446	1.13	cps
Calcium	44-1	477667	469476	475771	474305	0.90	cps
Chromium	52-2	51949	52953	52692	52532	0.99	cps
Cobalt	59-2	117473	117080	118162	117572	0.47	cps
Copper	63-2	101833	101551	101221	101535	0.30	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	50	125	69	70.32	cps
Erbium	164-2	17	7	10	11	45.82	cps
Gadolinium	160-1	33	33	50	39	24.75	cps
Gadolinium	160-2	0	10	7	6	91.64	cps
Holmium	165-1	8517779	8562681	8054495	8378318	3.36	cps
Holmium	165-2	1802030	1817178	1826174	1815127	0.67	cps
Indium	115-1	6787580	6886517	6415116	6696404	3.71	cps
Indium	115-2	273883	270809	269811	271501	0.78	cps
Iron	56-2	359316	353276	356592	356395	0.85	cps
Iron	57-2	8725	9170	9187	9027	2.90	cps
Krypton	83-1	253	267	290	270	6.87	cps
Lead	206-1	810703	811510	813645	811953	0.19	cps
Lead	207-1	706208	711499	718576	712094	0.87	cps
Lead	208-1	3273654	3280010	3320846	3291503	0.78	cps
Lithium	6-1	1472293	1503417	1378682	1451464	4.47	cps
Magnesium	24-2	23654	23996	24756	24135	2.34	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 15:19:54	DataFile Name :	012ICV01_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	15062	14494	14531	14696	2.16	cps
Molybdenum	94-1	2249621	2222581	2254238	2242147	0.76	cps
Molybdenum	95-1	1217591	1206601	1229739	1217977	0.95	cps
Molybdenum	96-1	1602448	1586700	1619206	1602784	1.01	cps
Molybdenum	97-1	752806	760728	770725	761420	1.18	cps
Molybdenum	98-1	2013418	2014769	1993210	2007132	0.60	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	35465	34804	34252	34840	1.74	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	23788	23228	22611	23209	2.54	cps
Rhodium	103-1	6302961	6406836	6068274	6259357	2.77	cps
Rhodium	103-2	1650179	1665564	1664662	1660135	0.52	cps
Scandium	45-1	3993439	3965284	3710086	3889603	4.01	cps
Scandium	45-2	29708	29748	29996	29817	0.52	cps
Selenium	77-2	93	97	63	84	21.75	cps
Selenium	78-2	339	343	333	338	1.38	cps
Selenium	82-1	16621	16526	16707	16618	0.54	cps
Silicon	28-1	1498688	1465186	1491776	1485217	1.19	cps
Silver	109-1	607186	614849	619978	614004	1.05	cps
Silver	107-1	644497	641146	647675	644440	0.51	cps
Sodium	23-2	97432	95368	96056	96286	1.09	cps
Strontium	86-1	791198	787019	790019	789412	0.27	cps
Strontium	88-1	6858230	6906193	6859813	6874745	0.40	cps
Sulfur	34-1	319833	321534	321351	320906	0.29	cps
Terbium	159-1	8850883	9022054	8470323	8781087	3.22	cps
Terbium	159-2	1734128	1750984	1764063	1749725	0.86	cps
Thallium	203-1	1006732	1006803	1018618	1010718	0.68	cps
Thallium	205-1	2471176	2454888	2481961	2469342	0.55	cps
Tin	118-1	2076787	2087022	2079811	2081207	0.25	cps
Titanium	47-1	330465	323605	328799	327623	1.09	cps
Uranium	238-1	7617707	7597265	7643450	7619474	0.30	cps
Vanadium	51-2	40395	39954	39422	39924	1.22	cps
Yttrium	89-1	7203625	7220797	6850705	7091709	2.95	cps
Yttrium	89-2	203094	201522	203772	202796	0.57	cps
Zinc	66-2	17478	17772	17755	17668	0.93	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 15:19:54	DataFile Name :	012ICV01_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4208157	4204161	4233634	4215317	0.38	cps
Zirconium	91-1	926834	922617	930976	926809	0.45	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 15:37:00	DataFile Name :	014LLIC_P8032018 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	117	92	111	15.61	cps
Antimony	121-1	12148	13899	13674	13240	7.20	cps
Arsenic	75-2	102	80	78	86	15.50	cps
Barium	135-1	12181	12290	12481	12317	1.23	cps
Barium	137-1	21577	21377	21410	21454	0.50	cps
Beryllium	9-1	939	967	1006	970	3.45	cps
Bismuth	209-1	5564413	5505653	5534297	5534788	0.53	cps
Bismuth	209-2	1504456	1482916	1482032	1489801	0.85	cps
Boron	10-1	3084	2959	2934	2992	2.69	cps
Boron	11-1	12931	13273	13223	13143	1.40	cps
Cadmium	111-1	2180	2161	2208	2183	1.07	cps
Cadmium	106-1	1450	1475	1392	1439	2.97	cps
Cadmium	108-1	92	67	125	94	30.98	cps
Calcium	43-1	6852	7627	7035	7172	5.65	cps
Calcium	44-1	114901	114489	112885	114092	0.93	cps
Chromium	52-2	1373	1233	1167	1258	8.39	cps
Cobalt	59-2	1157	1177	1247	1193	3.96	cps
Copper	63-2	1997	2080	2017	2031	2.14	cps
Dysprosium	156-1	0	33	17	17	99.99	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	25	25	31	31.50	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	67	25	50	47	44.41	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	8462795	8464194	8508540	8478510	0.31	cps
Holmium	165-2	1840918	1826034	1802182	1823045	1.07	cps
Indium	115-1	6851349	6904798	6850665	6868938	0.45	cps
Indium	115-2	282376	279408	275561	279115	1.22	cps
Iron	56-2	18351	18057	18546	18318	1.35	cps
Iron	57-2	456	417	361	411	11.55	cps
Krypton	83-1	277	223	273	258	11.59	cps
Lead	206-1	4001	4279	3984	4088	4.05	cps
Lead	207-1	3695	3623	3806	3708	2.49	cps
Lead	208-1	16660	16777	16549	16662	0.68	cps
Lithium	6-1	1466076	1483261	1500497	1483278	1.16	cps
Magnesium	24-2	9537	10096	9629	9754	3.07	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 15:37:00	DataFile Name :	014LLIC_P8032018 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	153	170	127	150	14.57	cps
Molybdenum	94-1	10371	10363	10630	10455	1.45	cps
Molybdenum	95-1	12181	12173	12248	12200	0.34	cps
Molybdenum	96-1	13632	13366	13799	13599	1.61	cps
Molybdenum	97-1	7519	8278	7653	7816	5.18	cps
Molybdenum	98-1	20216	20149	20158	20174	0.18	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	797	820	690	769	9.01	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	7110	7085	7160	7119	0.54	cps
Rhodium	103-1	6344054	6383894	6348895	6358948	0.34	cps
Rhodium	103-2	1699614	1700565	1663662	1687947	1.25	cps
Scandium	45-1	3928874	3934154	3998281	3953770	0.98	cps
Scandium	45-2	29631	30520	30099	30084	1.48	cps
Selenium	77-2	10	7	7	8	24.71	cps
Selenium	78-2	4	7	11	7	50.02	cps
Selenium	82-1	368	442	367	392	10.96	cps
Silicon	28-1	397222	399317	400273	398937	0.39	cps
Silver	109-1	5818	5785	5785	5796	0.33	cps
Silver	107-1	6293	6343	6469	6368	1.42	cps
Sodium	23-2	25298	25858	25591	25582	1.09	cps
Strontium	86-1	1975	2142	1925	2014	5.63	cps
Strontium	88-1	13824	14583	12806	13738	6.49	cps
Sulfur	34-1	332785	331848	334695	333109	0.44	cps
Terbium	159-1	8835668	8824499	8871857	8844008	0.28	cps
Terbium	159-2	1785764	1757729	1734724	1759406	1.45	cps
Thallium	203-1	4918	4943	4576	4812	4.26	cps
Thallium	205-1	11831	11756	12115	11901	1.59	cps
Tin	118-1	21159	21735	20784	21226	2.26	cps
Titanium	47-1	3159	3209	3367	3245	3.35	cps
Uranium	238-1	14518	14793	15202	14837	2.32	cps
Vanadium	51-2	1837	1867	1940	1881	2.83	cps
Yttrium	89-1	7163839	7164187	7074885	7134304	0.72	cps
Yttrium	89-2	207423	202896	202828	204382	1.29	cps
Zinc	66-2	217	240	240	232	5.80	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 15:37:00	DataFile Name :	014LLIC_P8032018 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8878	9462	9420	9254	3.52	cps
Zirconium	91-1	2200	1800	2059	2020	10.04	cps

LB Number : LB94206 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-20 15:40:22 DataFile Name : 015CCBE_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	8	8	0.00	cps
Antimony	121-1	950	1050	1517	1172	25.80	cps
Arsenic	75-2	4	2	0	2	100.00	cps
Barium	135-1	33	17	42	31	41.66	cps
Barium	137-1	108	17	25	50	101.38	cps
Beryllium	9-1	133	167	72	124	38.61	cps
Bismuth	209-1	5453983	5645679	5620613	5573425	1.87	cps
Bismuth	209-2	1503560	1502158	1500849	1502189	0.09	cps
Boron	10-1	625	592	533	583	7.95	cps
Boron	11-1	3142	3134	3109	3128	0.55	cps
Cadmium	111-1	756	948	999	901	14.21	cps
Cadmium	106-1	1067	1317	1392	1258	13.52	cps
Cadmium	108-1	4	4	0	3	86.60	cps
Calcium	43-1	792	808	917	839	8.09	cps
Calcium	44-1	10663	10229	10988	10627	3.58	cps
Chromium	52-2	200	170	150	173	14.52	cps
Cobalt	59-2	70	50	47	56	22.71	cps
Copper	63-2	97	140	127	121	18.32	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	67	25	42	44	47.19	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	25	25	50	33	43.30	cps
Gadolinium	160-2	10	3	0	4	114.60	cps
Holmium	165-1	8302810	8575754	8506105	8461556	1.68	cps
Holmium	165-2	1837467	1831172	1834948	1834529	0.17	cps
Indium	115-1	6813475	6946819	6899920	6886738	0.98	cps
Indium	115-2	283290	281408	277626	280774	1.03	cps
Iron	56-2	945	883	928	919	3.44	cps
Iron	57-2	11	28	17	19	45.83	cps
Krypton	83-1	250	237	223	237	5.63	cps
Lead	206-1	250	267	278	265	5.28	cps
Lead	207-1	167	228	261	219	21.92	cps
Lead	208-1	844	1050	1067	987	12.54	cps
Lithium	6-1	1445074	1484696	1484677	1471482	1.55	cps
Magnesium	24-2	175	217	125	172	26.65	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 15:40:22	DataFile Name :	015CCBE_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7	3	7	6	34.70	cps
Molybdenum	94-1	267	458	358	361	26.55	cps
Molybdenum	95-1	217	392	367	325	29.12	cps
Molybdenum	96-1	367	458	508	444	16.17	cps
Molybdenum	97-1	192	308	342	281	28.07	cps
Molybdenum	98-1	417	650	858	642	34.43	cps
Neodymium	150-1	7	13	20	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	310	330	277	306	8.82	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1992	2134	1842	1989	7.33	cps
Rhodium	103-1	6288224	6478067	6427892	6398061	1.54	cps
Rhodium	103-2	1714482	1719491	1688860	1707611	0.96	cps
Scandium	45-1	3907639	4030261	3995700	3977867	1.59	cps
Scandium	45-2	30697	30423	30146	30422	0.91	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	19	23	75	39	80.80	cps
Silicon	28-1	359434	362705	357267	359802	0.76	cps
Silver	109-1	100	92	67	86	20.15	cps
Silver	107-1	58	75	100	78	26.96	cps
Sodium	23-2	3709	3301	3125	3378	8.86	cps
Strontium	86-1	433	408	400	414	4.19	cps
Strontium	88-1	83	83	92	86	5.58	cps
Sulfur	34-1	340597	334840	337894	337777	0.85	cps
Terbium	159-1	8611233	8933214	8849509	8797986	1.90	cps
Terbium	159-2	1794688	1761589	1765796	1774024	1.02	cps
Thallium	203-1	200	292	250	247	18.56	cps
Thallium	205-1	700	675	467	614	20.87	cps
Tin	118-1	825	1158	992	992	16.81	cps
Titanium	47-1	125	100	100	108	13.33	cps
Uranium	238-1	42	67	17	42	60.00	cps
Vanadium	51-2	0	3	3	2	86.60	cps
Yttrium	89-1	7076603	7280109	7203384	7186699	1.43	cps
Yttrium	89-2	206448	204728	206033	205736	0.44	cps
Zinc	66-2	30	27	30	29	6.65	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 15:40:22	DataFile Name :	015CCBE_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	408	642	592	547	22.45	cps
Zirconium	91-1	75	83	83	81	5.98	cps

LB Number : LB94206 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-20 15:43:44 DataFile Name : 016ICSA0101_P8032018

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	410547	406450	406053	407683	0.61	cps
Antimony	121-1	8845	9037	9479	9120	3.56	cps
Arsenic	75-2	17	39	20	25	47.04	cps
Barium	135-1	2142	2275	2267	2228	3.35	cps
Barium	137-1	4084	4184	3751	4006	5.66	cps
Beryllium	9-1	450	367	356	391	13.21	cps
Bismuth	209-1	5527422	5604100	5529800	5553774	0.79	cps
Bismuth	209-2	1426142	1428686	1419841	1424890	0.32	cps
Boron	10-1	750	675	842	756	11.05	cps
Boron	11-1	3084	3134	3301	3173	3.58	cps
Cadmium	111-1	1501	1206	1509	1406	12.28	cps
Cadmium	106-1	1342	1067	1267	1225	11.60	cps
Cadmium	108-1	733	879	783	799	9.28	cps
Calcium	43-1	1522414	1511099	1505055	1512856	0.58	cps
Calcium	44-1	24298515	24301927	24484406	24361616	0.44	cps
Chromium	52-2	12406	12032	12055	12164	1.72	cps
Cobalt	59-2	1393	1450	1510	1451	4.02	cps
Copper	63-2	8299	8499	8199	8333	1.83	cps
Dysprosium	156-1	25	50	58	44	39.04	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	17	58	50	42	52.91	cps
Erbium	164-2	13	3	3	7	86.65	cps
Gadolinium	160-1	58	50	100	69	38.57	cps
Gadolinium	160-2	17	20	10	16	32.73	cps
Holmium	165-1	8888985	8944119	8935649	8922918	0.33	cps
Holmium	165-2	1848077	1811781	1801501	1820453	1.34	cps
Indium	115-1	6808340	6892542	6909266	6870049	0.79	cps
Indium	115-2	266014	262861	262317	263730	0.76	cps
Iron	56-2	38282470	38256568	38023438	38187492	0.37	cps
Iron	57-2	961834	956733	956318	958295	0.32	cps
Krypton	83-1	230	220	240	230	4.35	cps
Lead	206-1	21563	21981	22176	21906	1.43	cps
Lead	207-1	17546	17390	17496	17477	0.45	cps
Lead	208-1	83365	82416	82890	82890	0.57	cps
Lithium	6-1	1414162	1412614	1403946	1410241	0.39	cps
Magnesium	24-2	2151871	2158655	2118670	2143065	1.00	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 15:43:44	DataFile Name :	016ICSA0101_P8032018

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1300	1237	1377	1305	5.37	cps
Molybdenum	94-1	3185980	3202977	3179668	3189542	0.38	cps
Molybdenum	95-1	5575361	5631423	5631098	5612627	0.58	cps
Molybdenum	96-1	6013667	6040080	6028262	6027336	0.22	cps
Molybdenum	97-1	3489778	3526770	3550106	3522218	0.86	cps
Molybdenum	98-1	8909708	9122034	8965364	8999036	1.22	cps
Neodymium	150-1	47	40	27	38	26.95	cps
Neodymium	150-2	0	7	13	7	99.98	cps
Nickel	60-2	2460	2407	2254	2374	4.52	cps
Phosphorus	31-2	29014	29306	29473	29265	0.79	cps
Potassium	39-2	1124064	1108971	1112954	1115330	0.70	cps
Rhodium	103-1	6126388	6289039	6159909	6191778	1.39	cps
Rhodium	103-2	1621875	1602300	1595568	1606581	0.85	cps
Scandium	45-1	3926991	3981594	3917634	3942073	0.88	cps
Scandium	45-2	28953	28566	28756	28759	0.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	51	45	23	40	37.61	cps
Silicon	28-1	449267	450427	449911	449868	0.13	cps
Silver	109-1	408	358	475	414	14.14	cps
Silver	107-1	342	492	408	414	18.16	cps
Sodium	23-2	4943437	4893906	4884976	4907440	0.64	cps
Strontium	86-1	63892	63607	64059	63853	0.36	cps
Strontium	88-1	548908	551666	555774	552116	0.63	cps
Sulfur	34-1	2152718	2125055	2131896	2136557	0.67	cps
Terbium	159-1	9226318	9344987	9244651	9271985	0.69	cps
Terbium	159-2	1768211	1741505	1734832	1748183	1.01	cps
Thallium	203-1	833	950	983	922	8.54	cps
Thallium	205-1	2100	2175	2425	2234	7.62	cps
Tin	118-1	1600	1950	1784	1778	9.85	cps
Titanium	47-1	1501997	1514821	1499034	1505284	0.56	cps
Uranium	238-1	250	367	233	283	25.64	cps
Vanadium	51-2	63	83	67	71	15.07	cps
Yttrium	89-1	7149515	7262204	7240313	7217344	0.83	cps
Yttrium	89-2	200590	200163	198748	199834	0.48	cps
Zinc	66-2	1043	1210	1003	1086	10.10	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 15:43:44	DataFile Name :	016ICSA0101_P8032018

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2742	2617	2775	2712	3.08	cps
Zirconium	91-1	650	633	742	675	8.64	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 15:47:00	DataFile Name :	017ICSB_P8032018 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	360194	358973	355054	358073	0.75	cps
Antimony	121-1	133058	136246	136770	135358	1.48	cps
Arsenic	75-2	1293	1267	1285	1282	1.04	cps
Barium	135-1	30169	29626	30177	29990	1.05	cps
Barium	137-1	52489	51777	51142	51803	1.30	cps
Beryllium	9-1	17099	17277	16933	17103	1.01	cps
Bismuth	209-1	5561083	5589308	5555862	5568751	0.32	cps
Bismuth	209-2	1422758	1430726	1430494	1427993	0.32	cps
Boron	10-1	4901	4851	5293	5015	4.82	cps
Boron	11-1	22986	22986	23862	23278	2.17	cps
Cadmium	111-1	27880	27147	27394	27474	1.36	cps
Cadmium	106-1	4643	4459	4251	4451	4.40	cps
Cadmium	108-1	2750	2613	2796	2720	3.51	cps
Calcium	43-1	1344425	1333130	1346150	1341235	0.53	cps
Calcium	44-1	21934413	21736232	21800032	21823559	0.46	cps
Chromium	52-2	20796	20612	21156	20855	1.33	cps
Cobalt	59-2	24412	23957	23784	24051	1.35	cps
Copper	63-2	27621	26749	27658	27343	1.88	cps
Dysprosium	156-1	25	0	33	19	89.21	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	17	75	58	50	60.09	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	33	67	83	61	41.66	cps
Gadolinium	160-2	3	10	10	8	49.52	cps
Holmium	165-1	8859122	8850909	8880804	8863612	0.17	cps
Holmium	165-2	1807861	1815220	1803365	1808815	0.33	cps
Indium	115-1	6858169	6744409	6861320	6821299	0.98	cps
Indium	115-2	260206	263334	262650	262064	0.63	cps
Iron	56-2	34332461	33949710	33932438	34071536	0.66	cps
Iron	57-2	858204	847682	850550	852145	0.64	cps
Krypton	83-1	230	237	243	237	2.82	cps
Lead	206-1	104571	106449	104169	105063	1.16	cps
Lead	207-1	88283	85872	87332	87163	1.39	cps
Lead	208-1	405983	406953	402946	405294	0.52	cps
Lithium	6-1	1381164	1382869	1409928	1391320	1.16	cps
Magnesium	24-2	1921443	1902317	1878387	1900716	1.13	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 15:47:00	DataFile Name :	017ICSB_P8032018 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4051	4157	4127	4112	1.34	cps
Molybdenum	94-1	3113349	3083897	3101902	3099716	0.48	cps
Molybdenum	95-1	5204180	5200098	5193386	5199222	0.10	cps
Molybdenum	96-1	5640810	5535082	5576205	5584032	0.95	cps
Molybdenum	97-1	3261655	3254029	3224013	3246566	0.61	cps
Molybdenum	98-1	8317452	8308762	8295814	8307343	0.13	cps
Neodymium	150-1	33	0	27	20	88.19	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	8770	8589	8970	8776	2.17	cps
Phosphorus	31-2	25215	24781	25441	25145	1.33	cps
Potassium	39-2	994587	985583	976564	985578	0.91	cps
Rhodium	103-1	6128589	6178152	6209380	6172040	0.66	cps
Rhodium	103-2	1604602	1585665	1586189	1592152	0.68	cps
Scandium	45-1	3897096	3882536	3915936	3898523	0.43	cps
Scandium	45-2	27500	28139	27658	27765	1.20	cps
Selenium	77-2	20	7	10	12	56.76	cps
Selenium	78-2	28	37	35	33	14.70	cps
Selenium	82-1	1753	1699	1583	1678	5.18	cps
Silicon	28-1	563254	560690	561391	561778	0.24	cps
Silver	109-1	118679	118485	119073	118745	0.25	cps
Silver	107-1	123865	124715	123672	124084	0.45	cps
Sodium	23-2	4347955	4323219	4280521	4317232	0.79	cps
Strontium	86-1	131562	128651	132882	131031	1.65	cps
Strontium	88-1	1133507	1131198	1136248	1133651	0.22	cps
Sulfur	34-1	1957437	1940685	1936464	1944862	0.57	cps
Terbium	159-1	9110408	9121133	9265772	9165771	0.95	cps
Terbium	159-2	1740331	1721488	1745054	1735624	0.72	cps
Thallium	203-1	106199	105158	105292	105550	0.54	cps
Thallium	205-1	252694	252274	252738	252569	0.10	cps
Tin	118-1	189973	195381	194165	193173	1.47	cps
Titanium	47-1	1363683	1370978	1380337	1371666	0.61	cps
Uranium	238-1	705421	714525	708029	709325	0.66	cps
Vanadium	51-2	7579	7786	7736	7700	1.40	cps
Yttrium	89-1	7233923	7046209	7193607	7157913	1.38	cps
Yttrium	89-2	196814	197298	196301	196804	0.25	cps
Zinc	66-2	2840	2650	2697	2729	3.63	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 15:47:00	DataFile Name :	017ICSB_P8032018 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	392402	391509	394114	392675	0.34	cps
Zirconium	91-1	86987	85610	86759	86452	0.85	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 15:50:17	DataFile Name :	018CCV_P8032018 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	195715	192225	191608	193183	1.15	cps
Antimony	121-1	3183681	3185020	3230375	3199692	0.83	cps
Arsenic	75-2	31595	31506	31838	31647	0.54	cps
Barium	135-1	3484730	3433788	3491944	3470154	0.91	cps
Barium	137-1	6002071	5895471	5934058	5943867	0.91	cps
Beryllium	9-1	414710	417630	416652	416330	0.36	cps
Bismuth	209-1	5574233	5544173	5494565	5537657	0.73	cps
Bismuth	209-2	1402407	1403579	1391683	1399223	0.47	cps
Boron	10-1	47446	48483	49043	48324	1.68	cps
Boron	11-1	220705	228803	234986	228165	3.14	cps
Cadmium	111-1	650242	645203	645576	647007	0.43	cps
Cadmium	106-1	69681	68533	69806	69340	1.01	cps
Cadmium	108-1	46275	46798	45803	46292	1.08	cps
Calcium	43-1	3411718	3347872	3350700	3370097	1.07	cps
Calcium	44-1	54459772	54554370	54442835	54485659	0.11	cps
Chromium	52-2	263985	265557	267314	265619	0.63	cps
Cobalt	59-2	555807	561298	556924	558010	0.52	cps
Copper	63-2	933839	941103	942937	939293	0.51	cps
Dysprosium	156-1	175	167	108	150	24.22	cps
Dysprosium	156-2	10	10	20	13	43.30	cps
Erbium	164-1	50	117	42	69	59.19	cps
Erbium	164-2	0	20	13	11	91.66	cps
Gadolinium	160-1	142	133	125	133	6.25	cps
Gadolinium	160-2	17	23	27	22	22.91	cps
Holmium	165-1	8809500	8857477	8761469	8809482	0.54	cps
Holmium	165-2	1785346	1808276	1787075	1793566	0.71	cps
Indium	115-1	6668371	6767716	6614155	6683414	1.17	cps
Indium	115-2	257332	257895	254770	256666	0.65	cps
Iron	56-2	42199673	42193698	42265019	42219463	0.09	cps
Iron	57-2	1052726	1057826	1062731	1057761	0.47	cps
Krypton	83-1	273	323	230	276	16.95	cps
Lead	206-1	2101416	2088486	2058358	2082753	1.06	cps
Lead	207-1	1925253	1894733	1889053	1903013	1.02	cps
Lead	208-1	8530088	8462753	8458635	8483825	0.47	cps
Lithium	6-1	1371074	1396921	1389983	1385992	0.97	cps
Magnesium	24-2	4689919	4693515	4703655	4695696	0.15	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 15:50:17	DataFile Name :	018CCV_P8032018 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	143074	143484	141312	142623	0.81	cps
Molybdenum	94-1	5346755	5291563	5320412	5319577	0.52	cps
Molybdenum	95-1	6563271	6453059	6577028	6531119	1.04	cps
Molybdenum	96-1	7316917	7259016	7342708	7306214	0.59	cps
Molybdenum	97-1	4135168	4110573	4116519	4120753	0.31	cps
Molybdenum	98-1	10582149	10390411	10555501	10509354	0.99	cps
Neodymium	150-1	220	187	213	207	8.54	cps
Neodymium	150-2	13	40	13	22	69.30	cps
Nickel	60-2	163935	163639	163015	163530	0.29	cps
Phosphorus	31-2	2767	2725	2609	2700	3.04	cps
Potassium	39-2	1242496	1261828	1260136	1254820	0.85	cps
Rhodium	103-1	5988829	5997471	5977903	5988068	0.16	cps
Rhodium	103-2	1542453	1542092	1524585	1536377	0.66	cps
Scandium	45-1	3839139	3904889	3825176	3856401	1.10	cps
Scandium	45-2	27985	28416	28095	28165	0.79	cps
Selenium	77-2	227	177	197	200	12.58	cps
Selenium	78-2	707	676	670	685	2.92	cps
Selenium	82-1	40531	40901	40857	40763	0.50	cps
Silicon	28-1	1643825	1651132	1685994	1660317	1.36	cps
Silver	109-1	3075888	3057727	3057196	3063604	0.35	cps
Silver	107-1	3190225	3210167	3208509	3202967	0.35	cps
Sodium	23-2	11355276	11381268	11398026	11378190	0.19	cps
Strontium	86-1	867135	867089	873305	869176	0.41	cps
Strontium	88-1	7539227	7492129	7500554	7510637	0.33	cps
Sulfur	34-1	538912	537459	539550	538640	0.20	cps
Terbium	159-1	9190943	9149904	9013422	9118090	1.02	cps
Terbium	159-2	1731452	1706042	1718087	1718527	0.74	cps
Thallium	203-1	2598680	2577842	2582235	2586252	0.42	cps
Thallium	205-1	6124160	6018491	6033318	6058656	0.94	cps
Tin	118-1	2233135	2226711	2225902	2228583	0.18	cps
Titanium	47-1	1693515	1695173	1700102	1696263	0.20	cps
Uranium	238-1	8350276	8320504	8322220	8331000	0.20	cps
Vanadium	51-2	194726	195109	196041	195292	0.35	cps
Yttrium	89-1	7094846	7189360	7109855	7131353	0.71	cps
Yttrium	89-2	195556	194751	192076	194128	0.94	cps
Zinc	66-2	85786	86444	84368	85533	1.24	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 15:50:17	DataFile Name :	018CCV_P8032018 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4572583	4554323	4515322	4547409	0.64	cps
Zirconium	91-1	1015490	1001860	1001481	1006277	0.79	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P8
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:01:23	DataFile Name :	019LLCC_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	125	100	100	25.00	cps
Antimony	121-1	15151	15827	16402	15793	3.97	cps
Arsenic	75-2	70	81	78	77	7.39	cps
Barium	135-1	12198	13349	12773	12773	4.51	cps
Barium	137-1	21819	22587	22019	22141	1.80	cps
Beryllium	9-1	978	1006	1061	1015	4.18	cps
Bismuth	209-1	5827033	5791424	5751590	5790015	0.65	cps
Bismuth	209-2	1472498	1453919	1480529	1468982	0.93	cps
Boron	10-1	2384	2600	2750	2578	7.15	cps
Boron	11-1	12306	12573	12014	12298	2.27	cps
Cadmium	111-1	2125	2033	2194	2117	3.80	cps
Cadmium	106-1	1400	1283	1492	1392	7.50	cps
Cadmium	108-1	108	129	108	115	10.43	cps
Calcium	43-1	6410	6877	6944	6744	4.31	cps
Calcium	44-1	110760	111256	111171	111062	0.24	cps
Chromium	52-2	1110	1087	1090	1096	1.15	cps
Cobalt	59-2	1240	1187	1033	1153	9.30	cps
Copper	63-2	2134	2047	2120	2100	2.22	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	83	33	25	47	66.82	cps
Erbium	164-2	7	10	13	10	33.30	cps
Gadolinium	160-1	8	50	8	22	108.27	cps
Gadolinium	160-2	0	3	3	2	86.60	cps
Holmium	165-1	8755798	8752529	8711580	8739969	0.28	cps
Holmium	165-2	1798439	1776838	1774749	1783342	0.74	cps
Indium	115-1	6901670	6900899	6896305	6899625	0.04	cps
Indium	115-2	267279	262196	265745	265074	0.98	cps
Iron	56-2	18502	18023	18429	18318	1.41	cps
Iron	57-2	467	522	578	522	10.64	cps
Krypton	83-1	310	310	260	293	9.84	cps
Lead	206-1	4540	4245	4040	4275	5.88	cps
Lead	207-1	4129	3828	3862	3940	4.18	cps
Lead	208-1	18044	16733	17044	17274	3.97	cps
Lithium	6-1	1433531	1441376	1421000	1431969	0.72	cps
Magnesium	24-2	9045	9337	9462	9281	2.30	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P8
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:01:23	DataFile Name :	019LLCC_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	157	147	123	142	12.03	cps
Molybdenum	94-1	11230	12264	11422	11639	4.73	cps
Molybdenum	95-1	13524	14150	14759	14144	4.36	cps
Molybdenum	96-1	14934	15051	15968	15318	3.70	cps
Molybdenum	97-1	7986	8520	9295	8600	7.65	cps
Molybdenum	98-1	21326	21076	22703	21702	4.04	cps
Neodymium	150-1	20	20	13	18	21.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	717	703	620	680	7.70	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	6510	6168	6719	6466	4.30	cps
Rhodium	103-1	6336482	6285115	6300158	6307252	0.42	cps
Rhodium	103-2	1639009	1592627	1651067	1627568	1.90	cps
Scandium	45-1	3863166	3819686	3830464	3837772	0.59	cps
Scandium	45-2	27704	27080	28205	27663	2.04	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	9	9	6	86.60	cps
Selenium	82-1	309	305	405	340	16.80	cps
Silicon	28-1	369547	365396	368176	367706	0.58	cps
Silver	109-1	6435	6135	6335	6302	2.43	cps
Silver	107-1	6410	6260	5927	6199	3.99	cps
Sodium	23-2	25908	24664	25741	25438	2.65	cps
Strontium	86-1	1934	1900	1917	1917	0.87	cps
Strontium	88-1	13899	14308	13749	13985	2.07	cps
Sulfur	34-1	309768	311736	314423	311976	0.75	cps
Terbium	159-1	9040017	9047096	8960200	9015771	0.54	cps
Terbium	159-2	1718512	1705332	1714213	1712686	0.39	cps
Thallium	203-1	5560	5618	5760	5646	1.82	cps
Thallium	205-1	12624	13024	13207	12952	2.31	cps
Tin	118-1	20308	21251	22263	21274	4.60	cps
Titanium	47-1	3426	3334	3309	3356	1.83	cps
Uranium	238-1	15218	15385	15444	15349	0.76	cps
Vanadium	51-2	1890	1897	1653	1813	7.64	cps
Yttrium	89-1	7119951	7138744	7113494	7124063	0.18	cps
Yttrium	89-2	196470	192386	195911	194922	1.14	cps
Zinc	66-2	223	197	143	188	21.69	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P8
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:01:23	DataFile Name :	019LLCC_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9804	9954	9579	9779	1.93	cps
Zirconium	91-1	2225	2109	2017	2117	4.93	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:04:51	DataFile Name :	020CCBE_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	17	17	50.01	cps
Antimony	121-1	1483	1959	2000	1814	15.83	cps
Arsenic	75-2	2	6	6	4	49.54	cps
Barium	135-1	33	25	8	22	57.29	cps
Barium	137-1	17	25	42	28	45.82	cps
Beryllium	9-1	194	133	150	159	19.83	cps
Bismuth	209-1	5781842	5831416	5762848	5792035	0.61	cps
Bismuth	209-2	1483571	1462989	1454303	1466954	1.02	cps
Boron	10-1	450	533	408	464	13.72	cps
Boron	11-1	2509	2442	2384	2445	2.56	cps
Cadmium	111-1	812	926	915	884	7.11	cps
Cadmium	106-1	1142	1308	1292	1247	7.36	cps
Cadmium	108-1	0	4	8	4	99.96	cps
Calcium	43-1	750	808	692	750	7.78	cps
Calcium	44-1	10621	10438	10538	10532	0.87	cps
Chromium	52-2	127	153	150	143	10.14	cps
Cobalt	59-2	27	30	30	29	6.65	cps
Copper	63-2	127	167	117	137	19.36	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	33	33	28	34.63	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	83	17	25	42	87.18	cps
Gadolinium	160-2	20	3	7	10	88.20	cps
Holmium	165-1	8711473	8676558	8679516	8689182	0.22	cps
Holmium	165-2	1812038	1760735	1772080	1781618	1.51	cps
Indium	115-1	6826219	6969106	6896173	6897166	1.04	cps
Indium	115-2	270340	264578	262169	265696	1.58	cps
Iron	56-2	1572	1333	1700	1535	12.12	cps
Iron	57-2	44	61	56	54	15.80	cps
Krypton	83-1	243	303	277	274	10.95	cps
Lead	206-1	328	300	283	304	7.39	cps
Lead	207-1	344	317	333	331	4.22	cps
Lead	208-1	1350	1361	1245	1319	4.88	cps
Lithium	6-1	1427553	1463280	1442573	1444469	1.24	cps
Magnesium	24-2	275	200	225	233	16.37	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:04:51	DataFile Name :	020CCBE_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23	10	3	12	83.33	cps
Molybdenum	94-1	550	792	717	686	18.03	cps
Molybdenum	95-1	542	825	908	758	25.35	cps
Molybdenum	96-1	675	858	1175	903	28.02	cps
Molybdenum	97-1	517	400	842	586	39.05	cps
Molybdenum	98-1	825	1358	1508	1231	29.19	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	267	280	273	273	2.44	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1967	1834	2067	1956	5.99	cps
Rhodium	103-1	6293941	6318381	6346572	6319631	0.42	cps
Rhodium	103-2	1664715	1604440	1596069	1621741	2.31	cps
Scandium	45-1	3842687	3862468	3829850	3845002	0.43	cps
Scandium	45-2	28155	27848	27337	27780	1.49	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	7	-100	-20	-37	-148.52	cps
Silicon	28-1	334750	331254	332937	332980	0.53	cps
Silver	109-1	75	75	100	83	17.32	cps
Silver	107-1	92	75	167	111	43.95	cps
Sodium	23-2	4209	4217	4251	4226	0.52	cps
Strontium	86-1	317	400	367	361	11.62	cps
Strontium	88-1	133	117	83	111	22.91	cps
Sulfur	34-1	312368	311931	309068	311122	0.58	cps
Terbium	159-1	8877002	9176785	9090840	9048209	1.71	cps
Terbium	159-2	1728003	1719228	1692794	1713342	1.07	cps
Thallium	203-1	442	467	542	483	10.77	cps
Thallium	205-1	1200	1142	1267	1203	5.20	cps
Tin	118-1	992	958	1000	983	2.24	cps
Titanium	47-1	167	100	108	125	29.06	cps
Uranium	238-1	42	50	42	44	10.82	cps
Vanadium	51-2	0	3	0	1	173.21	cps
Yttrium	89-1	7028478	7075947	7102066	7068830	0.53	cps
Yttrium	89-2	199270	192460	192008	194579	2.09	cps
Zinc	66-2	30	50	43	41	24.77	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:04:51	DataFile Name :	020CCBE_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	575	517	583	558	6.51	cps
Zirconium	91-1	133	117	175	142	21.21	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:08:12	DataFile Name :	021SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	58	67	67	12.49	cps
Antimony	121-1	13290	13633	13691	13538	1.60	cps
Arsenic	75-2	52	80	63	65	21.57	cps
Barium	135-1	12607	12198	12607	12470	1.89	cps
Barium	137-1	21735	22754	22645	22378	2.50	cps
Beryllium	9-1	933	972	900	935	3.86	cps
Bismuth	209-1	5796011	5795852	5768046	5786636	0.28	cps
Bismuth	209-2	1489446	1475529	1477323	1480766	0.51	cps
Boron	10-1	2775	2567	2367	2570	7.95	cps
Boron	11-1	10913	12214	12556	11894	7.29	cps
Cadmium	111-1	2093	1968	2130	2064	4.10	cps
Cadmium	106-1	1400	1158	1433	1331	11.28	cps
Cadmium	108-1	83	108	117	103	16.88	cps
Calcium	43-1	7110	6560	6810	6827	4.04	cps
Calcium	44-1	112650	111457	111708	111938	0.56	cps
Chromium	52-2	1240	1177	1157	1191	3.65	cps
Cobalt	59-2	1203	1187	1107	1166	4.43	cps
Copper	63-2	2034	2060	1994	2029	1.65	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	25	17	31	56.77	cps
Erbium	164-2	20	7	13	13	49.99	cps
Gadolinium	160-1	42	8	33	28	62.46	cps
Gadolinium	160-2	0	0	3	1	173.21	cps
Holmium	165-1	8672029	8910902	8695142	8759358	1.50	cps
Holmium	165-2	1812509	1784910	1794925	1797448	0.78	cps
Indium	115-1	6866529	7103649	6846658	6938945	2.06	cps
Indium	115-2	270278	265248	268969	268165	0.97	cps
Iron	56-2	18413	17906	18001	18107	1.49	cps
Iron	57-2	400	422	478	433	9.24	cps
Krypton	83-1	263	290	327	293	10.84	cps
Lead	206-1	4523	4112	4151	4262	5.33	cps
Lead	207-1	3962	4323	3723	4003	7.55	cps
Lead	208-1	17655	18145	17161	17654	2.79	cps
Lithium	6-1	1425325	1444936	1425563	1431941	0.79	cps
Magnesium	24-2	9162	9470	9670	9434	2.72	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:08:12	DataFile Name :	021SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	170	180	120	157	20.52	cps
Molybdenum	94-1	10888	10321	10388	10532	2.94	cps
Molybdenum	95-1	12798	12306	12606	12570	1.97	cps
Molybdenum	96-1	13399	14442	13691	13844	3.89	cps
Molybdenum	97-1	7744	7986	7669	7800	2.12	cps
Molybdenum	98-1	21259	19448	19865	20191	4.70	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	630	603	593	609	3.11	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	6310	6385	6410	6368	0.82	cps
Rhodium	103-1	6385382	6412513	6305988	6367961	0.87	cps
Rhodium	103-2	1670127	1636090	1656756	1654325	1.04	cps
Scandium	45-1	3845865	3914751	3849505	3870040	1.00	cps
Scandium	45-2	28709	27587	28292	28196	2.01	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	6	4	20	10	92.49	cps
Selenium	82-1	400	361	301	354	14.12	cps
Silicon	28-1	373221	371136	369435	371264	0.51	cps
Silver	109-1	6268	5818	6193	6093	3.96	cps
Silver	107-1	6352	6135	6310	6266	1.84	cps
Sodium	23-2	24464	25407	23787	24553	3.31	cps
Strontium	86-1	1867	2084	1875	1942	6.32	cps
Strontium	88-1	13874	13816	14200	13963	1.48	cps
Sulfur	34-1	315312	316784	318873	316990	0.56	cps
Terbium	159-1	9051164	9117942	9080210	9083105	0.37	cps
Terbium	159-2	1733329	1721357	1725003	1726563	0.36	cps
Thallium	203-1	5260	5501	5652	5471	3.61	cps
Thallium	205-1	12749	11973	13132	12618	4.68	cps
Tin	118-1	22319	21268	21001	21529	3.24	cps
Titanium	47-1	3100	3501	3334	3312	6.07	cps
Uranium	238-1	14935	15127	15469	15177	1.78	cps
Vanadium	51-2	1940	1667	1790	1799	7.61	cps
Yttrium	89-1	7052666	7167092	7167710	7129156	0.93	cps
Yttrium	89-2	199697	194306	197039	197014	1.37	cps
Zinc	66-2	223	213	157	198	18.18	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:08:12	DataFile Name :	021SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9187	8761	8945	8964	2.38	cps
Zirconium	91-1	1950	2075	1842	1956	5.97	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1892-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:11:33	DataFile Name :	022SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3434	3701	3559	3564	3.74	cps
Antimony	121-1	1978961	1997179	2017900	1998013	0.98	cps
Arsenic	75-2	45025	44638	45134	44933	0.58	cps
Barium	135-1	2664965	2647901	2647219	2653362	0.38	cps
Barium	137-1	4542436	4588254	4586198	4572296	0.57	cps
Beryllium	9-1	72739	71288	72532	72186	1.09	cps
Bismuth	209-1	5805027	5843637	5925854	5858173	1.05	cps
Bismuth	209-2	1496055	1481092	1473458	1483535	0.77	cps
Boron	10-1	81297	83727	85530	83518	2.54	cps
Boron	11-1	380133	390250	402198	390860	2.83	cps
Cadmium	111-1	806475	809808	803378	806554	0.40	cps
Cadmium	106-1	74264	72729	73476	73490	1.04	cps
Cadmium	108-1	52582	52230	52703	52505	0.47	cps
Calcium	43-1	1433	1167	1258	1286	10.53	cps
Calcium	44-1	16177	16360	15359	15965	3.34	cps
Chromium	52-2	279463	277352	278286	278367	0.38	cps
Cobalt	59-2	682363	678462	680282	680369	0.29	cps
Copper	63-2	119582	118244	119030	118952	0.57	cps
Dysprosium	156-1	25	25	8	19	49.50	cps
Dysprosium	156-2	13	3	0	6	124.93	cps
Erbium	164-1	42	67	58	56	22.91	cps
Erbium	164-2	13	3	3	7	86.65	cps
Gadolinium	160-1	42	67	33	47	36.74	cps
Gadolinium	160-2	0	3	0	1	173.21	cps
Holmium	165-1	8760764	8770323	8865669	8798919	0.66	cps
Holmium	165-2	1836284	1788524	1787649	1804152	1.54	cps
Indium	115-1	6867242	6989415	7007785	6954814	1.10	cps
Indium	115-2	268315	265939	261864	265373	1.23	cps
Iron	56-2	1108585	1107142	1104464	1106730	0.19	cps
Iron	57-2	28380	27778	27383	27847	1.80	cps
Krypton	83-1	330	257	283	290	12.80	cps
Lead	206-1	5411551	5419549	5451762	5427621	0.39	cps
Lead	207-1	4780369	4808727	4833227	4807441	0.55	cps
Lead	208-1	21632181	21707347	21690263	21676597	0.18	cps
Lithium	6-1	1465330	1432545	1467411	1455095	1.34	cps
Magnesium	24-2	258	150	217	208	26.23	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1892-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:11:33	DataFile Name :	022SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	175952	174824	174268	175015	0.49	cps
Molybdenum	94-1	209424	209076	210897	209799	0.46	cps
Molybdenum	95-1	366542	367101	365092	366245	0.28	cps
Molybdenum	96-1	394206	394078	394697	394327	0.08	cps
Molybdenum	97-1	230892	228195	228318	229135	0.66	cps
Molybdenum	98-1	588048	586741	583879	586223	0.36	cps
Neodymium	150-1	107	147	127	127	15.79	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	313164	309971	311022	311386	0.52	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	1684	1600	1734	1672	4.03	cps
Rhodium	103-1	6330520	6462514	6463798	6418944	1.19	cps
Rhodium	103-2	1678999	1634708	1621435	1645047	1.83	cps
Scandium	45-1	3878315	3837895	3911808	3876006	0.95	cps
Scandium	45-2	27594	27698	27514	27602	0.33	cps
Selenium	77-2	360	303	337	333	8.54	cps
Selenium	78-2	1106	1120	1082	1103	1.78	cps
Selenium	82-1	65495	65289	65567	65451	0.22	cps
Silicon	28-1	886843	885054	884385	885427	0.14	cps
Silver	109-1	3770622	3776690	3720508	3755940	0.82	cps
Silver	107-1	3859881	3912052	3858825	3876920	0.78	cps
Sodium	23-2	5693	5860	5843	5799	1.58	cps
Strontium	86-1	260416	255286	259184	258295	1.04	cps
Strontium	88-1	2274852	2305701	2254438	2278331	1.13	cps
Sulfur	34-1	311564	306372	307571	308502	0.88	cps
Terbium	159-1	9115702	9218373	9246141	9193405	0.75	cps
Terbium	159-2	1756529	1724286	1691138	1723984	1.90	cps
Thallium	203-1	2345670	2346004	2350899	2347524	0.12	cps
Thallium	205-1	5462201	5532138	5493571	5495970	0.64	cps
Tin	118-1	1050	892	1033	992	8.77	cps
Titanium	47-1	142	150	192	161	16.63	cps
Uranium	238-1	42	25	50	39	32.73	cps
Vanadium	51-2	88622	87672	88108	88134	0.54	cps
Yttrium	89-1	7157768	7230960	7169022	7185917	0.55	cps
Yttrium	89-2	196810	195088	194637	195511	0.59	cps
Zinc	66-2	159208	158656	158709	158857	0.19	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1892-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:11:33	DataFile Name :	022SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5777	6052	5360	5729	6.08	cps
Zirconium	91-1	1725	1825	1633	1728	5.55	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1892-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:14:51	DataFile Name :	023SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	183	217	208	10.58	cps
Antimony	121-1	4893	5068	5635	5199	7.46	cps
Arsenic	75-2	17	17	19	17	6.18	cps
Barium	135-1	267	192	275	244	18.78	cps
Barium	137-1	383	275	275	311	20.10	cps
Beryllium	9-1	172	172	189	178	5.41	cps
Bismuth	209-1	5826342	5888761	5901446	5872183	0.68	cps
Bismuth	209-2	1490951	1472800	1460934	1474895	1.03	cps
Boron	10-1	19739	20849	20541	20376	2.81	cps
Boron	11-1	95517	96733	95290	95847	0.81	cps
Cadmium	111-1	1062	921	872	952	10.38	cps
Cadmium	106-1	1358	1225	1175	1253	7.56	cps
Cadmium	108-1	38	29	13	26	48.24	cps
Calcium	43-1	708	892	825	808	11.48	cps
Calcium	44-1	11322	11856	12239	11805	3.90	cps
Chromium	52-2	173	173	173	173	0.00	cps
Cobalt	59-2	113	90	120	108	14.62	cps
Copper	63-2	150	177	183	170	10.38	cps
Dysprosium	156-1	25	25	0	17	86.60	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	25	33	25	28	17.33	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	42	83	50	58	37.80	cps
Gadolinium	160-2	0	17	3	7	132.33	cps
Holmium	165-1	8788512	8837686	8880665	8835621	0.52	cps
Holmium	165-2	1811004	1797932	1774988	1794641	1.02	cps
Indium	115-1	6862900	6845193	6897529	6868541	0.39	cps
Indium	115-2	261605	255625	254278	257170	1.52	cps
Iron	56-2	1583	1706	1706	1665	4.24	cps
Iron	57-2	72	39	50	54	31.60	cps
Krypton	83-1	267	220	227	238	10.61	cps
Lead	206-1	1567	1550	1517	1545	1.65	cps
Lead	207-1	1133	1206	1283	1208	6.21	cps
Lead	208-1	5701	5512	6095	5769	5.16	cps
Lithium	6-1	1434745	1443933	1468658	1449112	1.21	cps
Magnesium	24-2	183	225	292	233	23.42	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1892-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:14:51	DataFile Name :	023SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17	10	23	17	39.99	cps
Molybdenum	94-1	7361	7236	7352	7316	0.96	cps
Molybdenum	95-1	733	658	933	775	18.34	cps
Molybdenum	96-1	1942	2242	2109	2097	7.17	cps
Molybdenum	97-1	475	550	542	522	7.87	cps
Molybdenum	98-1	1075	1417	1517	1336	17.33	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	367	403	400	390	5.20	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1725	2000	1909	1878	7.46	cps
Rhodium	103-1	6412564	6480971	6435353	6442963	0.54	cps
Rhodium	103-2	1653259	1625156	1624829	1634414	1.00	cps
Scandium	45-1	3875718	3882805	3877004	3878509	0.10	cps
Scandium	45-2	28252	27343	28015	27870	1.69	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	4	2	100.00	cps
Selenium	82-1	51	92	65	69	30.66	cps
Silicon	28-1	3371399	3354466	3336238	3354034	0.52	cps
Silver	109-1	400	417	308	375	15.56	cps
Silver	107-1	533	342	375	417	24.58	cps
Sodium	23-2	10212	10813	10446	10490	2.89	cps
Strontium	86-1	508	458	467	478	5.61	cps
Strontium	88-1	408	267	400	358	22.19	cps
Sulfur	34-1	298218	295208	298874	297434	0.66	cps
Terbium	159-1	9171977	9176911	9201214	9183367	0.17	cps
Terbium	159-2	1739922	1746823	1707379	1731374	1.22	cps
Thallium	203-1	1042	925	1025	997	6.33	cps
Thallium	205-1	2434	2484	2325	2414	3.35	cps
Tin	118-1	6058176	6003439	6028377	6029997	0.45	cps
Titanium	47-1	169893	169158	169557	169536	0.22	cps
Uranium	238-1	50	100	33	61	56.78	cps
Vanadium	51-2	10	10	10	10	0.00	cps
Yttrium	89-1	7183076	7107046	7167372	7152498	0.56	cps
Yttrium	89-2	198909	194594	192307	195270	1.72	cps
Zinc	66-2	47	40	30	39	21.57	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1892-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:14:51	DataFile Name :	023SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	18805	18572	18613	18664	0.67	cps
Zirconium	91-1	3942	3842	3817	3867	1.71	cps

LB Number : LB94206 Operator : Jaswal
 Lab Sample ID : J1892-06 Instrumnet Name : P8
 Client Sample ID : PT-MIN2-WP Dilution Factor : 1
 Date & Time Acquired :: 2018-03-20 16:18:11 DataFile Name : 024SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	0	17	8	100.02	cps
Antimony	121-1	842	975	1008	942	9.37	cps
Arsenic	75-2	6	6	4	5	21.74	cps
Barium	135-1	925	950	767	881	11.29	cps
Barium	137-1	1467	1367	1392	1408	3.70	cps
Beryllium	9-1	94	111	117	107	10.77	cps
Bismuth	209-1	6846921	6917030	6754081	6839344	1.20	cps
Bismuth	209-2	1778851	1799757	1757110	1778572	1.20	cps
Boron	10-1	1967	2317	1817	2034	12.62	cps
Boron	11-1	10563	9095	8720	9459	10.30	cps
Cadmium	111-1	1031	1101	1117	1083	4.20	cps
Cadmium	106-1	1375	1525	1483	1461	5.30	cps
Cadmium	108-1	21	13	13	15	31.48	cps
Calcium	43-1	609644	612465	600363	607490	1.04	cps
Calcium	44-1	10131527	9994144	9850498	9992056	1.41	cps
Chromium	52-2	200	173	163	179	10.60	cps
Cobalt	59-2	30	47	33	37	24.06	cps
Copper	63-2	180	167	197	181	8.30	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	25	58	36	53.30	cps
Erbium	164-2	0	7	7	4	86.60	cps
Gadolinium	160-1	67	42	50	53	24.12	cps
Gadolinium	160-2	3	3	7	4	43.40	cps
Holmium	165-1	10883480	10964194	10579284	10808986	1.88	cps
Holmium	165-2	2147700	2121759	2111887	2127116	0.87	cps
Indium	115-1	8582017	8497354	8336669	8472013	1.47	cps
Indium	115-2	316531	313772	310293	313532	1.00	cps
Iron	56-2	956	945	972	957	1.46	cps
Iron	57-2	22	44	33	33	33.35	cps
Krypton	83-1	243	317	263	274	13.81	cps
Lead	206-1	2378	2273	2495	2382	4.67	cps
Lead	207-1	1867	2084	2239	2063	9.06	cps
Lead	208-1	9224	9907	9763	9631	3.74	cps
Lithium	6-1	1739537	1762131	1720346	1740672	1.20	cps
Magnesium	24-2	238566	238620	240865	239350	0.55	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1892-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:18:11	DataFile Name :	024SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	60	40	43	48	22.43	cps
Molybdenum	94-1	283	333	325	314	8.53	cps
Molybdenum	95-1	317	392	475	394	20.08	cps
Molybdenum	96-1	317	350	458	375	19.75	cps
Molybdenum	97-1	217	183	267	222	18.88	cps
Molybdenum	98-1	500	375	533	469	17.78	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	267	287	287	280	4.12	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	411448	414746	411859	412684	0.44	cps
Rhodium	103-1	7764581	7748600	7577286	7696822	1.35	cps
Rhodium	103-2	1937792	1899770	1904733	1914098	1.08	cps
Scandium	45-1	4728199	4730352	4619700	4692750	1.35	cps
Scandium	45-2	33387	33387	32441	33071	1.65	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	0	4	2	100.00	cps
Selenium	82-1	25	-71	-11	-19	-250.02	cps
Silicon	28-1	275408	275110	270969	273829	0.91	cps
Silver	109-1	117	158	225	167	32.79	cps
Silver	107-1	275	267	167	236	25.53	cps
Sodium	23-2	2145963	2146152	2152890	2148335	0.18	cps
Strontium	86-1	33442	33225	32782	33149	1.02	cps
Strontium	88-1	289239	286511	284835	286861	0.77	cps
Sulfur	34-1	294824	297844	303240	298636	1.43	cps
Terbium	159-1	11424769	11361680	10972825	11253091	2.18	cps
Terbium	159-2	2072979	2077963	2025860	2058934	1.40	cps
Thallium	203-1	567	508	475	517	8.98	cps
Thallium	205-1	1358	1342	1267	1322	3.69	cps
Tin	118-1	2425	2300	2084	2270	7.62	cps
Titanium	47-1	133	117	183	144	24.02	cps
Uranium	238-1	42	33	42	39	12.38	cps
Vanadium	51-2	0	7	3	3	100.05	cps
Yttrium	89-1	8779818	8786488	8582229	8716178	1.33	cps
Yttrium	89-2	232376	230214	227989	230193	0.95	cps
Zinc	66-2	123	80	90	98	23.21	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1892-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:18:11	DataFile Name :	024SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	475	308	358	381	22.47	cps
Zirconium	91-1	83	100	42	75	40.06	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1891-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:21:32	DataFile Name :	025SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	200	208	197	6.45	cps
Antimony	121-1	1800	1950	2275	2009	12.09	cps
Arsenic	75-2	20	2	6	9	105.82	cps
Barium	135-1	100	67	125	97	30.10	cps
Barium	137-1	158	233	208	200	19.10	cps
Beryllium	9-1	139	156	156	150	6.42	cps
Bismuth	209-1	5785364	5936671	5883166	5868400	1.31	cps
Bismuth	209-2	1479375	1464317	1462337	1468676	0.63	cps
Boron	10-1	17687	17920	19130	18246	4.25	cps
Boron	11-1	83316	86451	86418	85395	2.11	cps
Cadmium	111-1	943	859	905	902	4.69	cps
Cadmium	106-1	1333	1208	1300	1281	5.06	cps
Cadmium	108-1	33	29	38	33	12.50	cps
Calcium	43-1	708	725	808	747	7.17	cps
Calcium	44-1	12314	11272	11839	11808	4.42	cps
Chromium	52-2	173	213	197	194	10.33	cps
Cobalt	59-2	97	107	90	98	8.58	cps
Copper	63-2	193	217	177	196	10.27	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	33	67	25	42	52.92	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	58	33	67	53	32.88	cps
Gadolinium	160-2	10	10	3	8	49.52	cps
Holmium	165-1	8692322	8896707	8894486	8827838	1.33	cps
Holmium	165-2	1789276	1771334	1757984	1772865	0.89	cps
Indium	115-1	6750214	6886262	6915580	6850685	1.29	cps
Indium	115-2	256824	253861	252281	254322	0.91	cps
Iron	56-2	1272	1356	1450	1359	6.54	cps
Iron	57-2	33	39	28	33	16.67	cps
Krypton	83-1	290	227	223	247	15.23	cps
Lead	206-1	1289	1700	1456	1482	13.96	cps
Lead	207-1	1145	1278	1433	1285	11.25	cps
Lead	208-1	5523	6029	6101	5884	5.35	cps
Lithium	6-1	1425170	1470526	1458041	1451245	1.61	cps
Magnesium	24-2	192	175	175	181	5.33	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1891-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:21:32	DataFile Name :	025SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17	17	13	16	12.40	cps
Molybdenum	94-1	5810	5902	6243	5985	3.82	cps
Molybdenum	95-1	308	467	575	450	29.80	cps
Molybdenum	96-1	1358	1450	1742	1517	13.20	cps
Molybdenum	97-1	208	325	433	322	34.92	cps
Molybdenum	98-1	533	758	1050	781	33.19	cps
Neodymium	150-1	20	13	0	11	91.66	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	417	393	387	399	3.95	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	1859	1992	1817	1889	4.84	cps
Rhodium	103-1	6205191	6422083	6417293	6348189	1.95	cps
Rhodium	103-2	1644891	1607587	1623240	1625239	1.15	cps
Scandium	45-1	3797794	3904461	3884789	3862348	1.47	cps
Scandium	45-2	27594	27808	27687	27696	0.39	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-10	65	59	38	109.01	cps
Silicon	28-1	3360192	3364260	3354589	3359681	0.14	cps
Silver	109-1	150	175	242	189	25.09	cps
Silver	107-1	308	233	175	239	27.98	cps
Sodium	23-2	10538	10454	10471	10488	0.42	cps
Strontium	86-1	342	425	400	389	11.00	cps
Strontium	88-1	317	242	275	278	13.53	cps
Sulfur	34-1	329714	325188	327027	327310	0.70	cps
Terbium	159-1	8962588	9284718	9223191	9156832	1.87	cps
Terbium	159-2	1725736	1678349	1702646	1702244	1.39	cps
Thallium	203-1	425	575	567	522	16.14	cps
Thallium	205-1	1358	1433	1233	1342	7.53	cps
Tin	118-1	6019268	6016425	6023321	6019671	0.06	cps
Titanium	47-1	166597	167042	167104	166914	0.17	cps
Uranium	238-1	25	58	17	33	66.14	cps
Vanadium	51-2	10	3	0	4	114.60	cps
Yttrium	89-1	6982071	7208278	7111187	7100512	1.60	cps
Yttrium	89-2	195392	189768	191914	192358	1.48	cps
Zinc	66-2	37	57	40	44	24.11	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1891-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:21:32	DataFile Name :	025SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	15184	15601	16077	15621	2.86	cps
Zirconium	91-1	3551	3242	3342	3378	4.66	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1891-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:24:53	DataFile Name :	026SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	0	0	0	0.00	cps
Antimony	121-1	342	417	467	408	15.41	cps
Arsenic	75-2	2	2	4	2	43.30	cps
Barium	135-1	908	800	867	858	6.37	cps
Barium	137-1	1383	1267	1450	1367	6.79	cps
Beryllium	9-1	133	133	94	120	18.65	cps
Bismuth	209-1	6910880	6863265	6862302	6878816	0.40	cps
Bismuth	209-2	1796193	1796299	1741505	1777999	1.78	cps
Boron	10-1	1317	1425	1525	1422	7.33	cps
Boron	11-1	6869	6343	6427	6546	4.31	cps
Cadmium	111-1	1001	1067	1086	1051	4.28	cps
Cadmium	106-1	1392	1517	1508	1472	4.75	cps
Cadmium	108-1	4	17	4	8	86.57	cps
Calcium	43-1	613933	608425	607526	609961	0.57	cps
Calcium	44-1	10112664	9921600	9883924	9972729	1.23	cps
Chromium	52-2	187	173	210	190	9.77	cps
Cobalt	59-2	33	30	33	32	5.97	cps
Copper	63-2	180	210	173	188	10.40	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	58	58	56	8.67	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	75	33	58	56	37.75	cps
Gadolinium	160-2	17	7	3	9	78.08	cps
Holmium	165-1	10986933	10824491	10674844	10828756	1.44	cps
Holmium	165-2	2176617	2136580	2126268	2146488	1.24	cps
Indium	115-1	8481154	8502505	8301557	8428405	1.31	cps
Indium	115-2	318895	316710	312006	315870	1.11	cps
Iron	56-2	878	850	811	846	3.96	cps
Iron	57-2	44	44	17	35	45.58	cps
Krypton	83-1	243	257	260	253	3.48	cps
Lead	206-1	1834	1906	2184	1974	9.36	cps
Lead	207-1	1545	1633	1817	1665	8.34	cps
Lead	208-1	7229	7896	8757	7961	9.62	cps
Lithium	6-1	1760834	1765177	1750875	1758962	0.42	cps
Magnesium	24-2	237534	239087	237839	238153	0.35	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1891-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:24:53	DataFile Name :	026SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30	13	47	30	55.57	cps
Molybdenum	94-1	283	258	233	258	9.68	cps
Molybdenum	95-1	142	200	350	231	46.62	cps
Molybdenum	96-1	150	233	300	228	32.99	cps
Molybdenum	97-1	108	100	142	117	18.90	cps
Molybdenum	98-1	292	242	267	267	9.38	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	343	300	307	317	7.37	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	411212	414816	415309	413779	0.54	cps
Rhodium	103-1	7740202	7687031	7610246	7679160	0.85	cps
Rhodium	103-2	1949893	1939863	1940847	1943534	0.28	cps
Scandium	45-1	4775480	4763903	4693765	4744383	0.93	cps
Scandium	45-2	33233	32782	33557	33191	1.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	20	-13	30	12	188.03	cps
Silicon	28-1	274407	273974	276112	274831	0.41	cps
Silver	109-1	125	133	192	150	24.22	cps
Silver	107-1	83	133	125	114	23.52	cps
Sodium	23-2	2160136	2174105	2177488	2170576	0.42	cps
Strontium	86-1	33216	33300	32289	32935	1.70	cps
Strontium	88-1	291486	286308	282479	286758	1.58	cps
Sulfur	34-1	310075	312367	317338	313260	1.19	cps
Terbium	159-1	11191882	11358118	11079870	11209957	1.25	cps
Terbium	159-2	2062165	2075592	2030150	2055969	1.14	cps
Thallium	203-1	350	292	325	322	9.08	cps
Thallium	205-1	1025	817	808	883	13.90	cps
Tin	118-1	2559	2284	2342	2395	6.05	cps
Titanium	47-1	183	100	133	139	30.20	cps
Uranium	238-1	50	17	8	25	88.19	cps
Vanadium	51-2	0	7	7	4	86.60	cps
Yttrium	89-1	8774249	8667303	8546912	8662821	1.31	cps
Yttrium	89-2	234109	232935	230843	232629	0.71	cps
Zinc	66-2	117	77	83	92	23.24	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1891-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:24:53	DataFile Name :	026SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	458	467	325	417	19.08	cps
Zirconium	91-1	92	133	117	114	18.41	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1891-06RE	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPRE	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:28:12	DataFile Name :	027SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	0	17	14	91.65	cps
Antimony	121-1	250	400	508	386	33.60	cps
Arsenic	75-2	4	2	4	3	34.64	cps
Barium	135-1	758	733	950	814	14.56	cps
Barium	137-1	1433	1483	1509	1475	2.59	cps
Beryllium	9-1	83	106	133	107	23.32	cps
Bismuth	209-1	6743728	6116145	6570868	6476914	5.00	cps
Bismuth	209-2	1779737	1723231	1718385	1740451	1.96	cps
Boron	10-1	900	767	1058	908	16.08	cps
Boron	11-1	4509	4434	4142	4362	4.44	cps
Cadmium	111-1	1299	916	976	1064	19.35	cps
Cadmium	106-1	1842	1292	1383	1506	19.57	cps
Cadmium	108-1	4	13	25	14	75.48	cps
Calcium	43-1	610963	612227	610584	611258	0.14	cps
Calcium	44-1	9967257	9981677	9981753	9976896	0.08	cps
Chromium	52-2	173	187	170	177	4.99	cps
Cobalt	59-2	23	47	20	30	48.44	cps
Copper	63-2	237	193	197	209	11.54	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	17	42	31	41.66	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	58	50	50	53	9.12	cps
Gadolinium	160-2	10	0	7	6	91.64	cps
Holmium	165-1	10629045	9463060	10194161	10095422	5.84	cps
Holmium	165-2	2155341	2116495	2076202	2116013	1.87	cps
Indium	115-1	8353744	7603163	8131307	8029405	4.80	cps
Indium	115-2	320325	313047	310993	314788	1.56	cps
Iron	56-2	939	972	895	935	4.17	cps
Iron	57-2	22	28	17	22	25.00	cps
Krypton	83-1	253	257	297	269	8.97	cps
Lead	206-1	1978	2122	2211	2104	5.60	cps
Lead	207-1	1578	1922	2117	1872	14.58	cps
Lead	208-1	7657	8735	8918	8437	8.08	cps
Lithium	6-1	1732217	1590134	1694079	1672143	4.40	cps
Magnesium	24-2	245656	239314	234816	239929	2.27	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1891-06RE	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPRE	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:28:12	DataFile Name :	027SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47	47	57	50	11.55	cps
Molybdenum	94-1	175	192	283	217	26.92	cps
Molybdenum	95-1	142	133	200	158	22.94	cps
Molybdenum	96-1	100	175	150	142	26.95	cps
Molybdenum	97-1	50	108	142	100	46.40	cps
Molybdenum	98-1	217	167	192	192	13.04	cps
Neodymium	150-1	0	27	27	18	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	337	303	253	298	14.09	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	417351	417683	408787	414607	1.22	cps
Rhodium	103-1	7578937	6887656	7347847	7271480	4.84	cps
Rhodium	103-2	1969039	1940114	1904205	1937786	1.68	cps
Scandium	45-1	4713067	4280542	4596069	4529893	4.94	cps
Scandium	45-2	33901	33447	33022	33457	1.31	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	2	3	34.64	cps
Selenium	82-1	16	10	-23	1	1934.05	cps
Silicon	28-1	277505	280218	278356	278693	0.50	cps
Silver	109-1	133	108	100	114	15.23	cps
Silver	107-1	108	108	92	103	9.36	cps
Sodium	23-2	2169705	2175426	2158763	2167965	0.39	cps
Strontium	86-1	34044	33818	33408	33757	0.95	cps
Strontium	88-1	290100	290857	286369	289109	0.83	cps
Sulfur	34-1	331437	329576	334744	331919	0.79	cps
Terbium	159-1	11011962	10000963	10619145	10544023	4.83	cps
Terbium	159-2	2069771	2024302	1999567	2031213	1.75	cps
Thallium	203-1	317	283	275	292	7.56	cps
Thallium	205-1	708	875	625	736	17.29	cps
Tin	118-1	925	967	983	958	3.14	cps
Titanium	47-1	108	83	117	103	16.88	cps
Uranium	238-1	50	42	25	39	32.73	cps
Vanadium	51-2	7	0	3	3	100.05	cps
Yttrium	89-1	8671541	7898173	8353377	8307697	4.68	cps
Yttrium	89-2	236876	232508	228201	232528	1.87	cps
Zinc	66-2	77	47	63	62	24.16	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1891-06RE	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPRE	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:28:12	DataFile Name :	027SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	383	308	283	325	16.01	cps
Zirconium	91-1	75	92	108	92	18.18	cps

LB Number : LB94206 Operator : Jaswal
 Lab Sample ID : J1892-06RE Instrumnet Name : P8
 Client Sample ID : PT-MIN2-WPRE Dilution Factor : 1
 Date & Time Acquired :: 2018-03-20 16:31:33 DataFile Name : 028SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	0	17	8	100.02	cps
Antimony	121-1	242	300	250	264	11.96	cps
Arsenic	75-2	7	4	6	6	33.38	cps
Barium	135-1	833	817	817	822	1.17	cps
Barium	137-1	1233	1475	1275	1328	9.73	cps
Beryllium	9-1	106	133	122	120	11.62	cps
Bismuth	209-1	6675329	6645326	6578933	6633196	0.74	cps
Bismuth	209-2	1767719	1720001	1727535	1738418	1.48	cps
Boron	10-1	908	825	808	847	6.32	cps
Boron	11-1	3726	3551	3409	3562	4.46	cps
Cadmium	111-1	1070	1141	1157	1123	4.15	cps
Cadmium	106-1	1525	1617	1642	1595	3.85	cps
Cadmium	108-1	21	4	13	13	66.64	cps
Calcium	43-1	611379	607980	605921	608427	0.45	cps
Calcium	44-1	10085274	9994311	9934569	10004718	0.76	cps
Chromium	52-2	140	160	140	147	7.87	cps
Cobalt	59-2	30	27	43	33	26.45	cps
Copper	63-2	177	173	177	176	1.10	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	42	67	44	47.19	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	67	50	50	56	17.32	cps
Gadolinium	160-2	10	0	0	3	173.21	cps
Holmium	165-1	10658481	10501220	10383102	10514268	1.31	cps
Holmium	165-2	2155730	2116637	2100434	2124267	1.34	cps
Indium	115-1	8403454	8332391	8161898	8299248	1.50	cps
Indium	115-2	319779	312059	315783	315873	1.22	cps
Iron	56-2	961	895	995	950	5.36	cps
Iron	57-2	22	11	22	19	34.64	cps
Krypton	83-1	253	253	277	261	5.16	cps
Lead	206-1	1911	2039	2156	2035	6.01	cps
Lead	207-1	1889	1711	2022	1874	8.33	cps
Lead	208-1	7840	8118	8774	8244	5.81	cps
Lithium	6-1	1773645	1735877	1730844	1746789	1.34	cps
Magnesium	24-2	247569	240991	244468	244343	1.35	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1892-06RE	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPRE	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:31:33	DataFile Name :	028SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43	43	37	41	9.35	cps
Molybdenum	94-1	117	175	192	161	24.45	cps
Molybdenum	95-1	142	108	200	150	30.93	cps
Molybdenum	96-1	175	150	167	164	7.77	cps
Molybdenum	97-1	58	142	83	94	45.28	cps
Molybdenum	98-1	233	92	192	172	42.28	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	280	320	303	301	6.67	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	428184	420492	420970	423215	1.02	cps
Rhodium	103-1	7653775	7533257	7467010	7551347	1.25	cps
Rhodium	103-2	1925809	1939844	1921670	1929108	0.49	cps
Scandium	45-1	4761659	4767829	4681701	4737063	1.01	cps
Scandium	45-2	34940	34048	34021	34337	1.52	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	16	54	-25	15	262.62	cps
Silicon	28-1	279979	276220	278169	278123	0.68	cps
Silver	109-1	100	150	92	114	27.70	cps
Silver	107-1	75	100	125	100	25.00	cps
Sodium	23-2	2217180	2213412	2191914	2207502	0.62	cps
Strontium	86-1	34403	33643	32824	33623	2.35	cps
Strontium	88-1	287488	284268	282383	284713	0.91	cps
Sulfur	34-1	335559	339895	339549	338334	0.71	cps
Terbium	159-1	11086337	10942553	10846592	10958494	1.10	cps
Terbium	159-2	2081921	2057729	2043112	2060921	0.95	cps
Thallium	203-1	242	267	208	239	12.25	cps
Thallium	205-1	675	658	525	619	13.27	cps
Tin	118-1	650	642	558	617	8.22	cps
Titanium	47-1	167	108	75	117	39.77	cps
Uranium	238-1	17	17	25	19	24.73	cps
Vanadium	51-2	3	3	3	3	0.00	cps
Yttrium	89-1	8670170	8657767	8520736	8616224	0.96	cps
Yttrium	89-2	236319	233638	234489	234815	0.58	cps
Zinc	66-2	53	77	97	76	28.71	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1892-06RE	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPRE	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:31:33	DataFile Name :	028SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	508	408	400	439	13.74	cps
Zirconium	91-1	142	58	117	106	40.51	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1891-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:41:36	DataFile Name :	030SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3526	3601	3684	3603	2.20	cps
Antimony	121-1	1989686	2016408	2010415	2005503	0.70	cps
Arsenic	75-2	44341	43947	43531	43940	0.92	cps
Barium	135-1	2679310	2679424	2691950	2683561	0.27	cps
Barium	137-1	4537778	4592085	4649605	4593156	1.22	cps
Beryllium	9-1	71801	71600	71940	71780	0.24	cps
Bismuth	209-1	5986007	5917110	5642031	5848383	3.11	cps
Bismuth	209-2	1522846	1484816	1498005	1501889	1.29	cps
Boron	10-1	82353	85647	86686	84895	2.66	cps
Boron	11-1	381961	391816	403263	392347	2.72	cps
Cadmium	111-1	804147	804929	809236	806104	0.34	cps
Cadmium	106-1	72889	74782	74204	73958	1.31	cps
Cadmium	108-1	52218	52527	52515	52420	0.33	cps
Calcium	43-1	1300	1458	1217	1325	9.27	cps
Calcium	44-1	16218	16202	16127	16182	0.30	cps
Chromium	52-2	273827	271693	270675	272065	0.59	cps
Cobalt	59-2	672129	665565	669814	669169	0.50	cps
Copper	63-2	117918	116043	116685	116882	0.82	cps
Dysprosium	156-1	8	33	17	19	65.47	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	50	33	36	35.25	cps
Erbium	164-2	20	7	7	11	69.25	cps
Gadolinium	160-1	42	8	8	19	99.00	cps
Gadolinium	160-2	3	0	7	3	100.05	cps
Holmium	165-1	9027748	8933182	8328646	8763192	4.33	cps
Holmium	165-2	1839832	1807503	1824961	1824099	0.89	cps
Indium	115-1	7044231	6996977	6639307	6893505	3.21	cps
Indium	115-2	267985	261264	265505	264918	1.28	cps
Iron	56-2	1093815	1089307	1088238	1090453	0.27	cps
Iron	57-2	27812	27717	26954	27494	1.71	cps
Krypton	83-1	253	247	267	256	3.98	cps
Lead	206-1	5557859	5549070	5513137	5540022	0.43	cps
Lead	207-1	4869289	4889142	4898843	4885758	0.31	cps
Lead	208-1	21996242	22049425	22015365	22020344	0.12	cps
Lithium	6-1	1494392	1475640	1412508	1460847	2.94	cps
Magnesium	24-2	150	150	217	172	22.35	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1891-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:41:36	DataFile Name :	030SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	171660	171599	171631	171630	0.02	cps
Molybdenum	94-1	206886	209988	209457	208777	0.79	cps
Molybdenum	95-1	364756	362683	366948	364796	0.58	cps
Molybdenum	96-1	385882	392257	394984	391041	1.19	cps
Molybdenum	97-1	227096	228792	227524	227804	0.39	cps
Molybdenum	98-1	585950	583455	583481	584295	0.25	cps
Neodymium	150-1	140	133	87	120	24.22	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	307535	302223	303271	304343	0.92	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	1884	1900	1734	1839	4.99	cps
Rhodium	103-1	6488717	6404064	6022686	6305156	3.94	cps
Rhodium	103-2	1666424	1615713	1645500	1642546	1.55	cps
Scandium	45-1	3962174	3908698	3655290	3842054	4.27	cps
Scandium	45-2	27647	27130	27551	27443	1.00	cps
Selenium	77-2	313	300	340	318	6.41	cps
Selenium	78-2	1104	1019	1167	1096	6.78	cps
Selenium	82-1	64977	64535	65695	65069	0.90	cps
Silicon	28-1	880041	881885	878403	880109	0.20	cps
Silver	109-1	3700287	3732824	3762652	3731921	0.84	cps
Silver	107-1	3846558	3896798	3909424	3884260	0.86	cps
Sodium	23-2	5226	5143	5251	5207	1.09	cps
Strontium	86-1	255551	256380	255449	255793	0.20	cps
Strontium	88-1	2272561	2259360	2267475	2266465	0.29	cps
Sulfur	34-1	346012	343945	341113	343690	0.72	cps
Terbium	159-1	9332001	9199555	8855363	9128973	2.70	cps
Terbium	159-2	1774716	1719867	1758362	1750982	1.61	cps
Thallium	203-1	2389152	2417895	2415029	2407358	0.66	cps
Thallium	205-1	5625471	5642811	5647595	5638626	0.21	cps
Tin	118-1	1292	1358	1383	1345	3.52	cps
Titanium	47-1	192	67	200	153	48.89	cps
Uranium	238-1	25	42	25	31	31.50	cps
Vanadium	51-2	87256	86032	87363	86884	0.85	cps
Yttrium	89-1	7238537	7136244	6743306	7039362	3.71	cps
Yttrium	89-2	196467	192834	192694	193998	1.10	cps
Zinc	66-2	156478	157400	156501	156793	0.34	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1891-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:41:36	DataFile Name :	030SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2900	3176	2784	2953	6.81	cps
Zirconium	91-1	1050	1158	1017	1075	6.89	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:44:53	DataFile Name :	031CCV_P8032018 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	193238	190967	196415	193540	1.41	cps
Antimony	121-1	3188584	3178252	3188028	3184954	0.18	cps
Arsenic	75-2	30810	30922	31530	31087	1.25	cps
Barium	135-1	3450748	3459264	3457734	3455915	0.13	cps
Barium	137-1	5843353	5902732	5968266	5904784	1.06	cps
Beryllium	9-1	418961	421106	422898	420988	0.47	cps
Bismuth	209-1	5634772	5577857	5660459	5624363	0.75	cps
Bismuth	209-2	1396806	1404873	1428172	1409950	1.16	cps
Boron	10-1	52112	52530	54061	52901	1.94	cps
Boron	11-1	241551	247611	251846	247003	2.09	cps
Cadmium	111-1	640580	644736	646149	643822	0.45	cps
Cadmium	106-1	68559	68550	69413	68840	0.72	cps
Cadmium	108-1	45970	46150	46614	46245	0.72	cps
Calcium	43-1	3293377	3313598	3332918	3313298	0.60	cps
Calcium	44-1	53343914	53562876	53732043	53546278	0.36	cps
Chromium	52-2	256628	257350	257365	257115	0.16	cps
Cobalt	59-2	547873	542268	547481	545874	0.57	cps
Copper	63-2	923690	919087	926031	922936	0.38	cps
Dysprosium	156-1	117	158	133	136	15.41	cps
Dysprosium	156-2	23	13	23	20	28.87	cps
Erbium	164-1	50	100	50	67	43.30	cps
Erbium	164-2	3	7	27	12	103.26	cps
Gadolinium	160-1	150	100	125	125	20.00	cps
Gadolinium	160-2	47	17	10	24	79.90	cps
Holmium	165-1	8881712	8842087	8960289	8894696	0.68	cps
Holmium	165-2	1785184	1802279	1825832	1804432	1.13	cps
Indium	115-1	6661367	6603443	6769451	6678087	1.26	cps
Indium	115-2	253882	253303	258519	255235	1.12	cps
Iron	56-2	41503880	41128520	41606261	41412887	0.61	cps
Iron	57-2	1036153	1030124	1044319	1036865	0.69	cps
Krypton	83-1	263	190	277	243	19.18	cps
Lead	206-1	2129178	2099751	2151602	2126844	1.22	cps
Lead	207-1	1948023	1931349	1969705	1949692	0.99	cps
Lead	208-1	8621528	8606746	8709457	8645911	0.64	cps
Lithium	6-1	1405526	1417879	1441307	1421571	1.28	cps
Magnesium	24-2	4664087	4657403	4694939	4672143	0.43	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:44:53	DataFile Name :	031CCV_P8032018 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	139613	140369	139898	139960	0.27	cps
Molybdenum	94-1	5257796	5263411	5239160	5253456	0.24	cps
Molybdenum	95-1	6392380	6496425	6462122	6450309	0.82	cps
Molybdenum	96-1	7189966	7198681	7226272	7204973	0.26	cps
Molybdenum	97-1	4044604	4086197	4055074	4061959	0.53	cps
Molybdenum	98-1	10318406	10362145	10441221	10373924	0.60	cps
Neodymium	150-1	220	313	247	260	18.49	cps
Neodymium	150-2	10	17	10	12	31.50	cps
Nickel	60-2	160027	159492	161625	160381	0.69	cps
Phosphorus	31-2	2392	2684	2567	2548	5.76	cps
Potassium	39-2	1212083	1197508	1237368	1215653	1.66	cps
Rhodium	103-1	5940244	5934557	6002486	5959096	0.63	cps
Rhodium	103-2	1520985	1541204	1547640	1536610	0.91	cps
Scandium	45-1	3841619	3809043	3842847	3831170	0.50	cps
Scandium	45-2	27380	27180	27774	27445	1.10	cps
Selenium	77-2	170	240	203	204	17.13	cps
Selenium	78-2	665	757	637	686	9.18	cps
Selenium	82-1	40368	39864	40487	40240	0.82	cps
Silicon	28-1	1594718	1629892	1636026	1620212	1.38	cps
Silver	109-1	3055719	3046464	3046867	3049683	0.17	cps
Silver	107-1	3155441	3114132	3146277	3138617	0.69	cps
Sodium	23-2	11285330	11239328	11353955	11292871	0.51	cps
Strontium	86-1	848704	857388	864876	856989	0.94	cps
Strontium	88-1	7340621	7400407	7365811	7368946	0.41	cps
Sulfur	34-1	555272	555694	551259	554075	0.44	cps
Terbium	159-1	9137870	9108422	9281886	9176059	1.01	cps
Terbium	159-2	1707483	1690353	1738960	1712265	1.44	cps
Thallium	203-1	2650178	2659287	2642864	2650776	0.31	cps
Thallium	205-1	6119321	6111946	6161021	6130763	0.43	cps
Tin	118-1	2205691	2216897	2203634	2208741	0.32	cps
Titanium	47-1	1684983	1661819	1682973	1676592	0.77	cps
Uranium	238-1	8474417	8488189	8468931	8477179	0.12	cps
Vanadium	51-2	190510	190797	189304	190204	0.42	cps
Yttrium	89-1	7034221	6913019	7125250	7024163	1.52	cps
Yttrium	89-2	192243	190332	193690	192089	0.88	cps
Zinc	66-2	83144	84274	84837	84085	1.03	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:44:53	DataFile Name :	031CCV_P8032018 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4466654	4480655	4484689	4477333	0.21	cps
Zirconium	91-1	984513	985543	986860	985639	0.12	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:53:52	DataFile Name :	032CCBE_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	0	6	86.60	cps
Antimony	121-1	2909	3959	4676	3848	23.10	cps
Arsenic	75-2	13	6	6	8	53.23	cps
Barium	135-1	17	50	58	42	52.91	cps
Barium	137-1	33	75	75	61	39.37	cps
Beryllium	9-1	183	128	189	167	20.28	cps
Bismuth	209-1	5981828	6200128	6047259	6076405	1.84	cps
Bismuth	209-2	1521468	1505268	1533999	1520245	0.95	cps
Boron	10-1	1225	1300	1208	1245	3.92	cps
Boron	11-1	5718	6035	5860	5871	2.70	cps
Cadmium	111-1	878	941	971	930	5.13	cps
Cadmium	106-1	1208	1333	1342	1295	5.77	cps
Cadmium	108-1	8	13	8	10	24.77	cps
Calcium	43-1	642	533	525	567	11.49	cps
Calcium	44-1	10171	10396	10629	10399	2.21	cps
Chromium	52-2	183	167	140	163	13.38	cps
Cobalt	59-2	50	30	57	46	30.47	cps
Copper	63-2	170	180	177	176	2.90	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	25	42	31	31.50	cps
Erbium	164-2	0	0	10	3	173.21	cps
Gadolinium	160-1	67	42	33	47	36.73	cps
Gadolinium	160-2	3	3	7	4	43.40	cps
Holmium	165-1	8979418	9234793	8991957	9068723	1.59	cps
Holmium	165-2	1850915	1832233	1865543	1849563	0.90	cps
Indium	115-1	7075602	7172151	7032451	7093401	1.01	cps
Indium	115-2	271387	270903	271784	271358	0.16	cps
Iron	56-2	1395	1333	1378	1369	2.31	cps
Iron	57-2	39	39	50	43	15.06	cps
Krypton	83-1	280	213	250	248	13.48	cps
Lead	206-1	278	372	372	341	16.00	cps
Lead	207-1	289	311	311	304	4.22	cps
Lead	208-1	1317	1500	1567	1461	8.86	cps
Lithium	6-1	1463255	1540796	1503166	1502406	2.58	cps
Magnesium	24-2	158	175	225	186	18.64	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:53:52	DataFile Name :	032CCBE_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27	13	3	14	81.07	cps
Molybdenum	94-1	725	1250	1225	1067	27.77	cps
Molybdenum	95-1	1008	1534	1800	1447	27.83	cps
Molybdenum	96-1	1117	1650	1809	1525	23.76	cps
Molybdenum	97-1	675	842	1258	925	32.48	cps
Molybdenum	98-1	1592	2234	2817	2214	27.68	cps
Neodymium	150-1	0	13	20	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	260	233	270	254	7.45	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1800	1900	1925	1875	3.53	cps
Rhodium	103-1	6452424	6564738	6468517	6495226	0.94	cps
Rhodium	103-2	1703091	1659920	1698076	1687029	1.40	cps
Scandium	45-1	3922435	4028294	3919635	3956788	1.57	cps
Scandium	45-2	28302	27891	28068	28087	0.73	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	0	-1	20	7	183.38	cps
Silicon	28-1	328865	326920	325782	327189	0.48	cps
Silver	109-1	142	125	200	156	25.32	cps
Silver	107-1	158	175	133	156	13.48	cps
Sodium	23-2	4292	4026	4284	4201	3.61	cps
Strontium	86-1	417	375	350	381	8.85	cps
Strontium	88-1	108	183	117	136	30.20	cps
Sulfur	34-1	324599	329901	332665	329055	1.25	cps
Terbium	159-1	9288299	9583105	9328704	9400036	1.70	cps
Terbium	159-2	1773844	1766052	1805284	1781727	1.17	cps
Thallium	203-1	675	692	758	708	6.23	cps
Thallium	205-1	1742	1508	1233	1495	17.03	cps
Tin	118-1	1225	1308	1642	1392	15.84	cps
Titanium	47-1	83	142	158	128	30.82	cps
Uranium	238-1	83	92	75	83	10.00	cps
Vanadium	51-2	7	3	3	4	43.40	cps
Yttrium	89-1	7182507	7344604	7181609	7236240	1.30	cps
Yttrium	89-2	199093	197059	200834	198995	0.95	cps
Zinc	66-2	30	23	57	37	48.11	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 16:53:52	DataFile Name :	032CCBE_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	692	792	867	783	11.21	cps
Zirconium	91-1	92	150	133	125	24.04	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1892-06DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-03-20 17:00:34	DataFile Name :	034SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	0	6	86.60	cps
Antimony	121-1	808	1058	1450	1106	29.26	cps
Arsenic	75-2	2	7	4	4	65.54	cps
Barium	135-1	333	367	433	378	13.48	cps
Barium	137-1	600	658	667	642	5.66	cps
Beryllium	9-1	161	133	139	144	10.18	cps
Bismuth	209-1	6299482	6333630	6211602	6281571	1.00	cps
Bismuth	209-2	1599450	1624195	1667595	1630414	2.12	cps
Boron	10-1	817	900	842	853	5.01	cps
Boron	11-1	4059	4134	3809	4001	4.26	cps
Cadmium	111-1	1072	1093	873	1013	11.95	cps
Cadmium	106-1	1492	1534	1242	1422	11.09	cps
Cadmium	108-1	8	8	0	6	86.60	cps
Calcium	43-1	264575	267624	268291	266830	0.74	cps
Calcium	44-1	4325419	4398105	4421856	4381793	1.15	cps
Chromium	52-2	197	167	133	166	19.13	cps
Cobalt	59-2	40	47	23	37	32.79	cps
Copper	63-2	153	183	143	160	13.01	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	33	33	67	44	43.31	cps
Erbium	164-2	10	0	3	4	114.60	cps
Gadolinium	160-1	8	58	58	42	69.29	cps
Gadolinium	160-2	17	7	3	9	78.08	cps
Holmium	165-1	9514167	9644642	9463369	9540726	0.98	cps
Holmium	165-2	1935651	1939865	1972410	1949309	1.03	cps
Indium	115-1	7529855	7494592	7442156	7488867	0.59	cps
Indium	115-2	285493	281670	287785	284983	1.08	cps
Iron	56-2	1161	1128	1106	1132	2.47	cps
Iron	57-2	33	17	50	33	50.00	cps
Krypton	83-1	203	243	257	234	11.84	cps
Lead	206-1	872	811	911	865	5.83	cps
Lead	207-1	744	889	689	774	13.34	cps
Lead	208-1	3489	3439	3273	3400	3.34	cps
Lithium	6-1	1600318	1604944	1587533	1597598	0.56	cps
Magnesium	24-2	109781	107051	105665	107499	1.95	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1892-06DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-03-20 17:00:34	DataFile Name :	034SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10	30	50	30	66.67	cps
Molybdenum	94-1	317	450	450	406	18.98	cps
Molybdenum	95-1	300	325	583	403	38.95	cps
Molybdenum	96-1	450	425	575	483	16.63	cps
Molybdenum	97-1	225	233	342	267	24.41	cps
Molybdenum	98-1	492	508	925	642	38.26	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	247	300	330	292	14.44	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	186810	183894	185226	185310	0.79	cps
Rhodium	103-1	6925243	6841150	6799242	6855212	0.94	cps
Rhodium	103-2	1741011	1755504	1767598	1754704	0.76	cps
Scandium	45-1	4198071	4269201	4203796	4223689	0.94	cps
Scandium	45-2	30436	29311	30123	29957	1.94	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	51	17	-10	19	156.35	cps
Silicon	28-1	302112	299099	300315	300509	0.50	cps
Silver	109-1	117	100	75	97	21.57	cps
Silver	107-1	125	125	75	108	26.65	cps
Sodium	23-2	953490	941975	950420	948629	0.63	cps
Strontium	86-1	14525	14633	14850	14670	1.13	cps
Strontium	88-1	123993	123910	123160	123688	0.37	cps
Sulfur	34-1	348802	350729	352864	350798	0.58	cps
Terbium	159-1	9979482	10087204	9947827	10004838	0.73	cps
Terbium	159-2	1860687	1863984	1874901	1866524	0.40	cps
Thallium	203-1	617	508	392	506	22.26	cps
Thallium	205-1	1083	1233	933	1083	13.85	cps
Tin	118-1	583	600	650	611	5.68	cps
Titanium	47-1	50	92	67	69	30.20	cps
Uranium	238-1	17	25	50	31	56.77	cps
Vanadium	51-2	7	13	3	8	65.47	cps
Yttrium	89-1	7660663	7719483	7631871	7670673	0.58	cps
Yttrium	89-2	211503	209558	212955	211339	0.81	cps
Zinc	66-2	37	57	50	48	21.31	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1892-06DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-03-20 17:00:34	DataFile Name :	034SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	458	450	483	464	3.74	cps
Zirconium	91-1	92	58	67	72	24.02	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1891-06DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-03-20 17:03:54	DataFile Name :	035SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	8	8	0.00	cps
Antimony	121-1	517	850	925	764	28.46	cps
Arsenic	75-2	4	0	0	1	173.21	cps
Barium	135-1	292	358	367	339	12.13	cps
Barium	137-1	592	658	717	656	9.54	cps
Beryllium	9-1	139	144	111	131	13.58	cps
Bismuth	209-1	6425973	6331592	6261709	6339758	1.30	cps
Bismuth	209-2	1418086	1648719	1671474	1579426	8.88	cps
Boron	10-1	900	650	692	747	17.93	cps
Boron	11-1	3426	3367	3801	3531	6.66	cps
Cadmium	111-1	1046	939	838	941	11.05	cps
Cadmium	106-1	1475	1292	1183	1317	11.20	cps
Cadmium	108-1	17	4	4	8	86.57	cps
Calcium	43-1	270546	269726	264821	268364	1.15	cps
Calcium	44-1	4426366	4428295	4391222	4415294	0.47	cps
Chromium	52-2	137	143	147	142	3.58	cps
Cobalt	59-2	47	40	23	37	32.79	cps
Copper	63-2	193	203	210	202	4.15	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	42	8	17	22	78.07	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	67	67	50	61	15.75	cps
Gadolinium	160-2	3	7	13	8	65.47	cps
Holmium	165-1	9756543	9627446	9463936	9615975	1.52	cps
Holmium	165-2	1750465	1947417	1985897	1894593	6.67	cps
Indium	115-1	7564181	7551029	7521993	7545734	0.29	cps
Indium	115-2	255519	285762	289429	276903	6.72	cps
Iron	56-2	950	889	928	922	3.35	cps
Iron	57-2	28	39	28	31	20.37	cps
Krypton	83-1	293	237	233	254	13.25	cps
Lead	206-1	806	761	778	782	2.87	cps
Lead	207-1	744	706	839	763	8.99	cps
Lead	208-1	2939	3150	3539	3210	9.48	cps
Lithium	6-1	1597103	1591400	1593762	1594088	0.18	cps
Magnesium	24-2	109252	107294	106908	107818	1.17	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1891-06DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-03-20 17:03:54	DataFile Name :	035SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	20	20	24	31.49	cps
Molybdenum	94-1	375	258	500	378	31.99	cps
Molybdenum	95-1	333	317	408	353	13.84	cps
Molybdenum	96-1	375	342	500	406	20.58	cps
Molybdenum	97-1	183	167	208	186	11.27	cps
Molybdenum	98-1	325	475	533	444	24.18	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	293	280	257	277	6.71	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	188469	187861	187303	187878	0.31	cps
Rhodium	103-1	6938126	6915082	6734004	6862404	1.63	cps
Rhodium	103-2	1552084	1762442	1785792	1700106	7.57	cps
Scandium	45-1	4274733	4267814	4189941	4244163	1.11	cps
Scandium	45-2	27288	30219	30573	29360	6.14	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	-55	-14	-5	-25	-107.27	cps
Silicon	28-1	300732	301685	299254	300557	0.41	cps
Silver	109-1	125	83	133	114	23.52	cps
Silver	107-1	83	67	125	92	32.78	cps
Sodium	23-2	958906	951126	954347	954793	0.41	cps
Strontium	86-1	15509	14750	14967	15076	2.59	cps
Strontium	88-1	125348	126078	126262	125896	0.38	cps
Sulfur	34-1	353562	357146	357436	356048	0.61	cps
Terbium	159-1	10096566	9996367	9740593	9944509	1.85	cps
Terbium	159-2	1673936	1874715	1891515	1813388	6.68	cps
Thallium	203-1	283	383	400	356	17.75	cps
Thallium	205-1	983	1000	1100	1028	6.14	cps
Tin	118-1	492	542	558	531	6.54	cps
Titanium	47-1	108	108	108	108	0.00	cps
Uranium	238-1	17	33	42	31	41.66	cps
Vanadium	51-2	10	7	10	9	21.63	cps
Yttrium	89-1	7824798	7778883	7529539	7711073	2.06	cps
Yttrium	89-2	190052	210495	215218	205255	6.52	cps
Zinc	66-2	53	50	70	58	18.55	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	J1891-06DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-03-20 17:03:54	DataFile Name :	035SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	442	500	417	453	9.44	cps
Zirconium	91-1	67	67	75	69	6.93	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	PB107368BL	Instrumnet Name :	P8
Client Sample ID :	PB107368BL	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:08:23	DataFile Name :	036SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	8	8	0.00	cps
Antimony	121-1	767	1125	1167	1020	21.57	cps
Arsenic	75-2	11	2	6	6	75.49	cps
Barium	135-1	8	25	17	17	50.01	cps
Barium	137-1	50	33	42	42	20.00	cps
Beryllium	9-1	161	144	122	143	13.68	cps
Bismuth	209-1	6116723	6090186	5947227	6051378	1.51	cps
Bismuth	209-2	1528399	1521171	1548819	1532796	0.94	cps
Boron	10-1	808	758	700	756	7.18	cps
Boron	11-1	3609	3367	3426	3467	3.64	cps
Cadmium	111-1	936	861	850	882	5.32	cps
Cadmium	106-1	1333	1200	1208	1247	5.99	cps
Cadmium	108-1	8	0	13	7	91.66	cps
Calcium	43-1	800	508	692	667	22.12	cps
Calcium	44-1	11097	10680	11047	10941	2.08	cps
Chromium	52-2	180	107	190	159	28.64	cps
Cobalt	59-2	67	50	43	53	22.54	cps
Copper	63-2	163	180	133	159	14.88	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	50	25	17	31	56.77	cps
Erbium	164-2	3	13	0	6	124.93	cps
Gadolinium	160-1	75	50	42	56	31.22	cps
Gadolinium	160-2	3	3	7	4	43.40	cps
Holmium	165-1	9038162	9084356	9024715	9049078	0.35	cps
Holmium	165-2	1858017	1817585	1863320	1846307	1.35	cps
Indium	115-1	7148148	7191790	7132486	7157475	0.43	cps
Indium	115-2	272494	274089	277336	274640	0.90	cps
Iron	56-2	917	822	933	891	6.73	cps
Iron	57-2	17	22	33	24	35.24	cps
Krypton	83-1	227	290	290	269	13.60	cps
Lead	206-1	372	378	411	387	5.43	cps
Lead	207-1	306	356	289	317	10.96	cps
Lead	208-1	1567	1567	1645	1593	2.82	cps
Lithium	6-1	1506238	1526970	1498071	1510426	0.99	cps
Magnesium	24-2	233	167	133	178	28.64	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	PB107368BL	Instrumnet Name :	P8
Client Sample ID :	PB107368BL	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:08:23	DataFile Name :	036SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7	10	3	7	50.03	cps
Molybdenum	94-1	400	375	517	431	17.56	cps
Molybdenum	95-1	258	342	458	353	28.48	cps
Molybdenum	96-1	283	492	558	444	32.28	cps
Molybdenum	97-1	150	300	233	228	32.99	cps
Molybdenum	98-1	475	625	758	619	22.88	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	273	270	250	264	4.77	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	1792	1875	2034	1900	6.46	cps
Rhodium	103-1	6581055	6590911	6513514	6561827	0.64	cps
Rhodium	103-2	1706127	1684665	1708734	1699842	0.78	cps
Scandium	45-1	4001199	4059467	3959122	4006596	1.26	cps
Scandium	45-2	28860	28723	28883	28822	0.30	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	67	-27	-7	11	453.94	cps
Silicon	28-1	335151	331889	329308	332116	0.88	cps
Silver	109-1	67	75	125	89	35.50	cps
Silver	107-1	150	108	67	108	38.46	cps
Sodium	23-2	3759	3867	4092	3906	4.35	cps
Strontium	86-1	450	475	317	414	20.57	cps
Strontium	88-1	100	67	117	94	26.96	cps
Sulfur	34-1	364530	362834	362034	363133	0.35	cps
Terbium	159-1	9453437	9499389	9252438	9401755	1.40	cps
Terbium	159-2	1791490	1740369	1800304	1777388	1.82	cps
Thallium	203-1	458	642	425	508	22.95	cps
Thallium	205-1	1333	1183	1050	1189	11.92	cps
Tin	118-1	750	767	1042	853	19.21	cps
Titanium	47-1	108	158	108	125	23.09	cps
Uranium	238-1	17	33	33	28	34.63	cps
Vanadium	51-2	0	0	0	0	0.00	cps
Yttrium	89-1	7283458	7399901	7278391	7320583	0.94	cps
Yttrium	89-2	202394	198554	202388	201112	1.10	cps
Zinc	66-2	47	43	47	46	4.23	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	PB107368BL	Instrumnet Name :	P8
Client Sample ID :	PB107368BL	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:08:23	DataFile Name :	036SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	567	483	650	567	14.71	cps
Zirconium	91-1	133	100	125	119	14.53	cps

LB Number : LB94206 Operator : Jaswal
 Lab Sample ID : PB107365BL Instrumnet Name : P8
 Client Sample ID : PB107365BL Dilution Factor : 1
 Date & Time Acquired :: 2018-03-20 17:11:45 DataFile Name : 037SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	17	14	34.67	cps
Antimony	121-1	575	725	917	739	23.18	cps
Arsenic	75-2	2	4	4	3	34.64	cps
Barium	135-1	25	33	42	33	25.00	cps
Barium	137-1	8	25	33	22	57.29	cps
Beryllium	9-1	167	106	106	126	28.02	cps
Bismuth	209-1	6053138	6010993	5881172	5981768	1.50	cps
Bismuth	209-2	1490573	1507044	1501059	1499559	0.56	cps
Boron	10-1	667	667	750	694	6.93	cps
Boron	11-1	2834	2800	3184	2939	7.23	cps
Cadmium	111-1	876	1058	873	936	11.31	cps
Cadmium	106-1	1250	1500	1233	1328	11.25	cps
Cadmium	108-1	4	13	4	7	69.23	cps
Calcium	43-1	642	717	658	672	5.86	cps
Calcium	44-1	10504	10171	11105	10593	4.47	cps
Chromium	52-2	143	183	130	152	18.23	cps
Cobalt	59-2	50	43	33	42	19.87	cps
Copper	63-2	160	160	137	152	8.85	cps
Dysprosium	156-1	8	0	33	14	124.91	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	50	50	33	44	21.66	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	92	17	25	44	92.49	cps
Gadolinium	160-2	10	3	7	7	50.03	cps
Holmium	165-1	9091309	8875229	8759077	8908538	1.89	cps
Holmium	165-2	1820786	1821316	1835287	1825796	0.45	cps
Indium	115-1	7128098	7029779	6944591	7034156	1.31	cps
Indium	115-2	270747	272308	267741	270266	0.86	cps
Iron	56-2	822	856	922	867	5.88	cps
Iron	57-2	28	33	44	35	24.12	cps
Krypton	83-1	267	293	290	283	5.13	cps
Lead	206-1	289	261	322	291	10.53	cps
Lead	207-1	361	339	222	307	24.27	cps
Lead	208-1	1356	1250	1311	1306	4.06	cps
Lithium	6-1	1512030	1510186	1482152	1501456	1.12	cps
Magnesium	24-2	117	167	208	164	28.00	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	PB107365BL	Instrumnet Name :	P8
Client Sample ID :	PB107365BL	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:11:45	DataFile Name :	037SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10	10	20	13	43.30	cps
Molybdenum	94-1	317	308	367	331	9.55	cps
Molybdenum	95-1	200	250	342	264	27.23	cps
Molybdenum	96-1	208	367	442	339	35.15	cps
Molybdenum	97-1	108	150	142	133	16.54	cps
Molybdenum	98-1	275	408	500	394	28.68	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	290	290	233	271	12.07	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2217	1909	1975	2034	7.98	cps
Rhodium	103-1	6544344	6450437	6370767	6455183	1.35	cps
Rhodium	103-2	1649382	1697904	1684878	1677388	1.50	cps
Scandium	45-1	4004065	3945814	3881266	3943715	1.56	cps
Scandium	45-2	27681	28085	27821	27862	0.74	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	23	-28	-31	-12	-259.97	cps
Silicon	28-1	326164	328142	326851	327052	0.31	cps
Silver	109-1	100	67	67	78	24.74	cps
Silver	107-1	58	92	158	103	49.54	cps
Sodium	23-2	3859	3484	3701	3681	5.12	cps
Strontium	86-1	408	292	308	336	18.77	cps
Strontium	88-1	75	108	92	92	18.18	cps
Sulfur	34-1	360013	356826	356473	357771	0.54	cps
Terbium	159-1	9451958	9159625	9082334	9231306	2.11	cps
Terbium	159-2	1766822	1775229	1735389	1759147	1.19	cps
Thallium	203-1	492	500	467	486	3.57	cps
Thallium	205-1	1192	1217	1108	1172	4.84	cps
Tin	118-1	658	783	867	770	13.63	cps
Titanium	47-1	158	92	108	119	29.05	cps
Uranium	238-1	8	17	33	19	65.48	cps
Vanadium	51-2	0	0	0	0	0.00	cps
Yttrium	89-1	7302396	7216221	7098822	7205813	1.42	cps
Yttrium	89-2	196736	197654	197734	197375	0.28	cps
Zinc	66-2	20	30	30	27	21.65	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	PB107365BL	Instrumnet Name :	P8
Client Sample ID :	PB107365BL	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:11:45	DataFile Name :	037SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	558	633	575	589	6.69	cps
Zirconium	91-1	92	125	142	119	21.31	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	PB107368BS	Instrumnet Name :	P8
Client Sample ID :	PB107368BS	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:15:07	DataFile Name :	038SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	38269	36832	37208	37436	1.99	cps
Antimony	121-1	3268777	3307324	3303821	3293307	0.65	cps
Arsenic	75-2	30851	30987	31239	31026	0.63	cps
Barium	135-1	3498620	3583978	3535941	3539513	1.21	cps
Barium	137-1	6043799	6066346	6005542	6038562	0.51	cps
Beryllium	9-1	420385	417669	416256	418103	0.50	cps
Bismuth	209-1	5948382	5958224	5941178	5949261	0.14	cps
Bismuth	209-2	1477438	1465878	1451718	1465011	0.88	cps
Boron	10-1	46443	48943	48609	47998	2.83	cps
Boron	11-1	221761	224640	228346	224916	1.47	cps
Cadmium	111-1	674288	675372	675086	674915	0.08	cps
Cadmium	106-1	72327	72210	72914	72484	0.52	cps
Cadmium	108-1	48040	48207	48675	48307	0.68	cps
Calcium	43-1	668254	672173	666535	668987	0.43	cps
Calcium	44-1	10961309	10956245	10829442	10915665	0.68	cps
Chromium	52-2	249677	247636	248459	248591	0.41	cps
Cobalt	59-2	552405	548734	553263	551467	0.44	cps
Copper	63-2	960112	954851	958146	957703	0.28	cps
Dysprosium	156-1	25	100	8	44	109.88	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	50	58	50	53	9.12	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	25	58	50	44	39.04	cps
Gadolinium	160-2	3	7	3	4	43.40	cps
Holmium	165-1	9034872	9187809	9106956	9109879	0.84	cps
Holmium	165-2	1823332	1808996	1796150	1809493	0.75	cps
Indium	115-1	6899189	6875815	6972611	6915872	0.73	cps
Indium	115-2	260601	260240	257091	259311	0.74	cps
Iron	56-2	8461839	8373236	8329431	8388169	0.80	cps
Iron	57-2	210037	211626	209760	210474	0.48	cps
Krypton	83-1	260	203	210	224	13.80	cps
Lead	206-1	2205633	2225164	2201962	2210920	0.56	cps
Lead	207-1	1981700	2030727	2004462	2005629	1.22	cps
Lead	208-1	8869183	9059175	8947796	8958718	1.07	cps
Lithium	6-1	1460529	1476448	1474205	1470394	0.59	cps
Magnesium	24-2	929434	931037	922763	927744	0.47	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	PB107368BS	Instrumnet Name :	P8
Client Sample ID :	PB107368BS	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:15:07	DataFile Name :	038SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	141221	139485	138413	139707	1.01	cps
Molybdenum	94-1	5294343	5325971	5363375	5327896	0.65	cps
Molybdenum	95-1	6573453	6540651	6632679	6582261	0.71	cps
Molybdenum	96-1	7306843	7390152	7342679	7346558	0.57	cps
Molybdenum	97-1	4088307	4129909	4065868	4094695	0.79	cps
Molybdenum	98-1	10412068	10522966	10593719	10509585	0.87	cps
Neodymium	150-1	147	147	180	158	12.20	cps
Neodymium	150-2	0	10	7	6	91.64	cps
Nickel	60-2	159360	159522	160162	159681	0.27	cps
Phosphorus	31-2	2684	2159	2475	2439	10.84	cps
Potassium	39-2	240955	236117	237768	238280	1.03	cps
Rhodium	103-1	6255324	6301656	6294471	6283817	0.40	cps
Rhodium	103-2	1634090	1605856	1586070	1608672	1.50	cps
Scandium	45-1	3888605	3850783	3887403	3875597	0.55	cps
Scandium	45-2	27407	26676	26208	26764	2.26	cps
Selenium	77-2	193	147	277	206	32.04	cps
Selenium	78-2	676	676	715	689	3.26	cps
Selenium	82-1	41527	41478	42172	41726	0.93	cps
Silicon	28-1	1645211	1675960	1660777	1660649	0.93	cps
Silver	109-1	3205656	3242252	3271294	3239734	1.02	cps
Silver	107-1	3352324	3330893	3333142	3338786	0.35	cps
Sodium	23-2	2200845	2216759	2172456	2196687	1.02	cps
Strontium	86-1	840760	840187	848498	843148	0.55	cps
Strontium	88-1	7305783	7301589	7388341	7331904	0.67	cps
Sulfur	34-1	512795	518064	515052	515304	0.51	cps
Terbium	159-1	9424201	9430540	9462197	9438979	0.22	cps
Terbium	159-2	1749811	1744245	1720146	1738067	0.91	cps
Thallium	203-1	2695043	2762607	2722793	2726814	1.25	cps
Thallium	205-1	6281073	6463488	6363245	6369269	1.43	cps
Tin	118-1	2286111	2291885	2259588	2279195	0.76	cps
Titanium	47-1	1696908	1699811	1700918	1699212	0.12	cps
Uranium	238-1	8445850	8633315	8664532	8581232	1.38	cps
Vanadium	51-2	188345	186674	187655	187558	0.45	cps
Yttrium	89-1	7182931	7183838	7114082	7160284	0.56	cps
Yttrium	89-2	195056	195192	189706	193318	1.62	cps
Zinc	66-2	84153	84428	83969	84183	0.27	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	PB107368BS	Instrumnet Name :	P8
Client Sample ID :	PB107368BS	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:15:07	DataFile Name :	038SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4536615	4510568	4534649	4527277	0.32	cps
Zirconium	91-1	992940	989362	1003236	995179	0.72	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	PB107365BS	Instrumnet Name :	P8
Client Sample ID :	PB107365BS	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:18:20	DataFile Name :	039SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	37233	37985	39029	38083	2.37	cps
Antimony	121-1	3298887	3281458	3323300	3301215	0.64	cps
Arsenic	75-2	31673	31094	31014	31261	1.15	cps
Barium	135-1	3564931	3478436	3548105	3530490	1.30	cps
Barium	137-1	6055893	6000078	6039770	6031914	0.48	cps
Beryllium	9-1	417236	416355	416688	416760	0.11	cps
Bismuth	209-1	5932061	5923034	5966673	5940589	0.39	cps
Bismuth	209-2	1459191	1454569	1481560	1465107	0.99	cps
Boron	10-1	46785	49018	49127	48310	2.74	cps
Boron	11-1	224041	230514	233056	229203	2.03	cps
Cadmium	111-1	675427	676677	679607	677237	0.32	cps
Cadmium	106-1	71130	71917	73083	72043	1.36	cps
Cadmium	108-1	47187	48717	48291	48065	1.64	cps
Calcium	43-1	664085	671857	666853	667598	0.59	cps
Calcium	44-1	10834883	10845212	10884078	10854724	0.24	cps
Chromium	52-2	249552	249354	248493	249133	0.23	cps
Cobalt	59-2	556425	552849	554448	554574	0.32	cps
Copper	63-2	962724	958901	958224	959950	0.25	cps
Dysprosium	156-1	108	100	108	106	4.56	cps
Dysprosium	156-2	10	20	13	14	35.26	cps
Erbium	164-1	42	67	58	56	22.91	cps
Erbium	164-2	10	17	7	11	45.82	cps
Gadolinium	160-1	75	67	108	83	26.46	cps
Gadolinium	160-2	7	10	30	16	81.11	cps
Holmium	165-1	9035834	9062343	9024726	9040967	0.21	cps
Holmium	165-2	1809836	1806758	1824708	1813767	0.53	cps
Indium	115-1	6949654	6876504	6964608	6930255	0.68	cps
Indium	115-2	261333	254120	262943	259466	1.81	cps
Iron	56-2	8488659	8430102	8484601	8467788	0.39	cps
Iron	57-2	209844	209585	212703	210711	0.82	cps
Krypton	83-1	290	250	240	260	10.18	cps
Lead	206-1	2245692	2195014	2241573	2227426	1.26	cps
Lead	207-1	2009397	2027054	2025963	2020805	0.49	cps
Lead	208-1	9008461	8973422	9088784	9023556	0.66	cps
Lithium	6-1	1468595	1442485	1447242	1452774	0.96	cps
Magnesium	24-2	935533	935960	937745	936413	0.13	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	PB107365BS	Instrumnet Name :	P8
Client Sample ID :	PB107365BS	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:18:20	DataFile Name :	039SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	140323	140063	140714	140367	0.23	cps
Molybdenum	94-1	5339736	5320328	5303868	5321311	0.34	cps
Molybdenum	95-1	6546445	6564236	6512773	6541151	0.40	cps
Molybdenum	96-1	7304659	7317952	7323812	7315474	0.13	cps
Molybdenum	97-1	4083468	4139014	4121759	4114747	0.69	cps
Molybdenum	98-1	10572534	10667815	10556724	10599025	0.57	cps
Neodymium	150-1	220	247	240	236	5.89	cps
Neodymium	150-2	27	13	23	21	32.88	cps
Nickel	60-2	161254	162908	160486	161549	0.77	cps
Phosphorus	31-2	2484	2700	2567	2584	4.23	cps
Potassium	39-2	243264	238759	244321	242115	1.22	cps
Rhodium	103-1	6271254	6239028	6205181	6238487	0.53	cps
Rhodium	103-2	1603421	1565972	1602150	1590514	1.34	cps
Scandium	45-1	3848580	3834432	3858332	3847115	0.31	cps
Scandium	45-2	26893	26696	26746	26778	0.38	cps
Selenium	77-2	233	163	213	203	17.73	cps
Selenium	78-2	726	698	663	696	4.54	cps
Selenium	82-1	41607	41665	41431	41568	0.29	cps
Silicon	28-1	1640049	1630792	1628473	1633105	0.38	cps
Silver	109-1	3193403	3205687	3236759	3211950	0.70	cps
Silver	107-1	3327051	3300469	3346971	3324830	0.70	cps
Sodium	23-2	2174330	2206638	2209223	2196730	0.89	cps
Strontium	86-1	841601	847474	848528	845868	0.44	cps
Strontium	88-1	7315994	7342776	7364772	7341181	0.33	cps
Sulfur	34-1	545969	541910	539519	542466	0.60	cps
Terbium	159-1	9424867	9285425	9413064	9374452	0.82	cps
Terbium	159-2	1709905	1705746	1753684	1723112	1.54	cps
Thallium	203-1	2776064	2746831	2729026	2750640	0.86	cps
Thallium	205-1	6386576	6340169	6441021	6389255	0.79	cps
Tin	118-1	2300276	2266363	2284809	2283816	0.74	cps
Titanium	47-1	1696750	1679861	1677204	1684605	0.63	cps
Uranium	238-1	8627960	8586641	8682096	8632232	0.55	cps
Vanadium	51-2	190009	188392	187216	188539	0.74	cps
Yttrium	89-1	7169737	7181841	7172043	7174540	0.09	cps
Yttrium	89-2	194373	190251	193675	192767	1.14	cps
Zinc	66-2	86672	86984	85569	86408	0.86	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	PB107365BS	Instrumnet Name :	P8
Client Sample ID :	PB107365BS	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:18:20	DataFile Name :	039SMPL_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4520994	4584806	4512299	4539367	0.87	cps
Zirconium	91-1	996682	1003648	998949	999760	0.36	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:21:33	DataFile Name :	040CCV_P8032018 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	195157	193198	194726	194360	0.53	cps
Antimony	121-1	3223690	3235443	3239667	3232933	0.26	cps
Arsenic	75-2	31556	31608	31180	31448	0.74	cps
Barium	135-1	3482404	3503478	3468070	3484651	0.51	cps
Barium	137-1	5953248	5955490	6007742	5972160	0.52	cps
Beryllium	9-1	418122	419393	419434	418983	0.18	cps
Bismuth	209-1	5714213	5659757	5641329	5671767	0.67	cps
Bismuth	209-2	1408159	1411262	1433281	1417567	0.97	cps
Boron	10-1	50407	52087	51660	51385	1.70	cps
Boron	11-1	235584	243154	242930	240556	1.79	cps
Cadmium	111-1	651249	652565	654069	652628	0.22	cps
Cadmium	106-1	69571	71951	68323	69948	2.63	cps
Cadmium	108-1	47120	47070	47383	47191	0.36	cps
Calcium	43-1	3345740	3373277	3357900	3358972	0.41	cps
Calcium	44-1	54439020	54606474	54566343	54537279	0.16	cps
Chromium	52-2	260161	259542	263341	261015	0.78	cps
Cobalt	59-2	554636	555620	557321	555859	0.24	cps
Copper	63-2	935344	933191	939404	935980	0.34	cps
Dysprosium	156-1	75	108	75	86	22.35	cps
Dysprosium	156-2	20	23	13	19	26.96	cps
Erbium	164-1	67	58	75	67	12.49	cps
Erbium	164-2	13	10	10	11	17.30	cps
Gadolinium	160-1	150	117	117	128	15.06	cps
Gadolinium	160-2	40	30	23	31	26.97	cps
Holmium	165-1	8961507	8933011	9002040	8965519	0.39	cps
Holmium	165-2	1794105	1818754	1814052	1808970	0.72	cps
Indium	115-1	6765040	6736980	6738281	6746767	0.23	cps
Indium	115-2	255309	254619	259066	256332	0.93	cps
Iron	56-2	42130511	41874918	42100405	42035278	0.33	cps
Iron	57-2	1049327	1055830	1052897	1052685	0.31	cps
Krypton	83-1	287	223	247	252	12.70	cps
Lead	206-1	2161365	2136784	2152430	2150193	0.58	cps
Lead	207-1	1970538	1965482	1963913	1966644	0.18	cps
Lead	208-1	8730616	8703042	8698931	8710863	0.20	cps
Lithium	6-1	1404463	1411135	1452739	1422779	1.84	cps
Magnesium	24-2	4784425	4775578	4713557	4757853	0.81	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:21:33	DataFile Name :	040CCV_P8032018 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	142114	140993	142333	141813	0.51	cps
Molybdenum	94-1	5270713	5314383	5325001	5303366	0.54	cps
Molybdenum	95-1	6565881	6528758	6582458	6559032	0.42	cps
Molybdenum	96-1	7309964	7319283	7254907	7294718	0.48	cps
Molybdenum	97-1	4066231	4134920	4069152	4090101	0.95	cps
Molybdenum	98-1	10465586	10633662	10603845	10567698	0.85	cps
Neodymium	150-1	287	280	233	267	10.90	cps
Neodymium	150-2	17	13	7	12	41.65	cps
Nickel	60-2	162906	163419	162437	162921	0.30	cps
Phosphorus	31-2	2492	2550	2642	2561	2.95	cps
Potassium	39-2	1228367	1236307	1263007	1242560	1.46	cps
Rhodium	103-1	5960475	6067336	6052629	6026814	0.96	cps
Rhodium	103-2	1511850	1548458	1553482	1537930	1.48	cps
Scandium	45-1	3805781	3849446	3876230	3843819	0.93	cps
Scandium	45-2	27784	27337	28389	27837	1.90	cps
Selenium	77-2	230	200	193	208	9.40	cps
Selenium	78-2	669	696	641	669	4.16	cps
Selenium	82-1	40737	40654	40812	40734	0.19	cps
Silicon	28-1	1631900	1656696	1668764	1652453	1.14	cps
Silver	109-1	3064008	3049439	3080808	3064751	0.51	cps
Silver	107-1	3216448	3213978	3205976	3212134	0.17	cps
Sodium	23-2	11401205	11464044	11469635	11444961	0.33	cps
Strontium	86-1	861539	863927	871424	865630	0.60	cps
Strontium	88-1	7436342	7474743	7537218	7482768	0.68	cps
Sulfur	34-1	552336	548570	551536	550814	0.36	cps
Terbium	159-1	9300345	9288268	9355172	9314595	0.38	cps
Terbium	159-2	1738850	1719409	1761529	1739929	1.21	cps
Thallium	203-1	2674171	2634826	2677237	2662078	0.89	cps
Thallium	205-1	6200241	6209720	6203264	6204408	0.08	cps
Tin	118-1	2236203	2229555	2269816	2245191	0.96	cps
Titanium	47-1	1691294	1698575	1686119	1691996	0.37	cps
Uranium	238-1	8544171	8524066	8530214	8532817	0.12	cps
Vanadium	51-2	192429	190658	194133	192406	0.90	cps
Yttrium	89-1	7142662	7196251	7168222	7169045	0.37	cps
Yttrium	89-2	193740	193529	195455	194241	0.54	cps
Zinc	66-2	85589	84991	86095	85558	0.65	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:21:33	DataFile Name :	040CCV_P8032018 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4543382	4589870	4519918	4551056	0.78	cps
Zirconium	91-1	992465	1004083	998010	998186	0.58	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P8
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:40:53	DataFile Name :	042LLCC_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	142	83	94	45.27	cps
Antimony	121-1	13416	14100	14542	14019	4.05	cps
Arsenic	75-2	74	67	59	67	11.11	cps
Barium	135-1	12631	12156	12206	12331	2.12	cps
Barium	137-1	22069	22453	22103	22208	0.96	cps
Beryllium	9-1	1045	972	1072	1030	5.01	cps
Bismuth	209-1	5926239	6031301	5954328	5970623	0.91	cps
Bismuth	209-2	1496200	1467190	1492555	1485315	1.06	cps
Boron	10-1	3000	2992	3117	3037	2.30	cps
Boron	11-1	13499	13090	13824	13471	2.73	cps
Cadmium	111-1	2212	2313	2096	2207	4.92	cps
Cadmium	106-1	1383	1508	1258	1383	9.04	cps
Cadmium	108-1	63	121	133	106	35.82	cps
Calcium	43-1	6660	7060	6794	6838	2.98	cps
Calcium	44-1	108904	110055	111187	110049	1.04	cps
Chromium	52-2	1133	1137	1103	1125	1.63	cps
Cobalt	59-2	1093	1167	1013	1091	7.03	cps
Copper	63-2	1994	1930	1914	1946	2.17	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	42	50	44	10.82	cps
Erbium	164-2	17	7	7	10	57.72	cps
Gadolinium	160-1	25	25	25	25	0.00	cps
Gadolinium	160-2	3	3	0	2	86.60	cps
Holmium	165-1	8925374	8985731	8827999	8913034	0.89	cps
Holmium	165-2	1817716	1778547	1814034	1803432	1.20	cps
Indium	115-1	6907956	7103879	6971634	6994490	1.43	cps
Indium	115-2	268356	263733	268784	266958	1.05	cps
Iron	56-2	17133	17378	17573	17361	1.27	cps
Iron	57-2	494	494	428	472	8.15	cps
Krypton	83-1	273	287	277	279	2.49	cps
Lead	206-1	4429	4612	4423	4488	2.40	cps
Lead	207-1	3745	4017	3745	3836	4.10	cps
Lead	208-1	17950	17922	17400	17757	1.75	cps
Lithium	6-1	1436788	1507071	1455352	1466404	2.48	cps
Magnesium	24-2	8962	8786	9012	8920	1.33	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P8
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:40:53	DataFile Name :	042LLCC_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	180	120	187	162	22.63	cps
Molybdenum	94-1	10671	10238	10488	10466	2.08	cps
Molybdenum	95-1	12423	12473	13048	12648	2.75	cps
Molybdenum	96-1	13682	13466	15267	14139	6.96	cps
Molybdenum	97-1	7994	7686	8161	7947	3.03	cps
Molybdenum	98-1	20282	20116	21268	20555	3.03	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	707	700	653	687	4.23	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	6368	6343	6360	6357	0.20	cps
Rhodium	103-1	6359709	6440754	6371399	6390621	0.69	cps
Rhodium	103-2	1673901	1648091	1672097	1664696	0.87	cps
Scandium	45-1	3866831	3929858	3857248	3884646	1.02	cps
Scandium	45-2	27671	27384	27400	27485	0.59	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	13	6	4	7	66.14	cps
Selenium	82-1	345	336	349	343	2.05	cps
Silicon	28-1	356819	358145	357426	357463	0.19	cps
Silver	109-1	5810	5935	5927	5890	1.19	cps
Silver	107-1	6193	6769	6769	6577	5.05	cps
Sodium	23-2	23629	24205	23512	23782	1.56	cps
Strontium	86-1	1950	1859	2092	1967	5.98	cps
Strontium	88-1	14258	13782	13382	13807	3.18	cps
Sulfur	34-1	322301	326201	327821	325441	0.87	cps
Terbium	159-1	9241851	9390421	9168638	9266970	1.22	cps
Terbium	159-2	1738895	1718645	1772031	1743191	1.55	cps
Thallium	203-1	5143	5151	5543	5279	4.33	cps
Thallium	205-1	13283	12815	12682	12927	2.44	cps
Tin	118-1	21376	21343	21293	21337	0.20	cps
Titanium	47-1	3259	3451	2975	3228	7.40	cps
Uranium	238-1	15469	15652	15577	15566	0.59	cps
Vanadium	51-2	1820	1803	1767	1797	1.52	cps
Yttrium	89-1	7123020	7262832	7072298	7152717	1.38	cps
Yttrium	89-2	196740	191504	196925	195056	1.58	cps
Zinc	66-2	210	240	210	220	7.87	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P8
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:40:53	DataFile Name :	042LLCC_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9554	9787	9537	9626	1.45	cps
Zirconium	91-1	2109	2084	2234	2142	3.75	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:44:14	DataFile Name :	043CCBE_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	0	6	86.60	cps
Antimony	121-1	925	1700	1950	1525	35.05	cps
Arsenic	75-2	2	4	2	2	43.30	cps
Barium	135-1	17	50	33	33	50.00	cps
Barium	137-1	8	17	50	25	88.19	cps
Beryllium	9-1	156	139	206	167	20.82	cps
Bismuth	209-1	5948540	5930543	5888376	5922486	0.52	cps
Bismuth	209-2	1483000	1472285	1498526	1484604	0.89	cps
Boron	10-1	767	842	742	783	6.64	cps
Boron	11-1	3351	3442	3117	3303	5.07	cps
Cadmium	111-1	803	892	830	841	5.44	cps
Cadmium	106-1	1125	1267	1183	1192	5.98	cps
Cadmium	108-1	8	17	4	10	65.47	cps
Calcium	43-1	667	542	700	636	13.12	cps
Calcium	44-1	10246	9579	9328	9718	4.88	cps
Chromium	52-2	153	163	103	140	22.96	cps
Cobalt	59-2	53	37	43	44	18.87	cps
Copper	63-2	130	123	137	130	5.13	cps
Dysprosium	156-1	17	0	25	14	91.65	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	25	8	25	66.68	cps
Erbium	164-2	10	0	0	3	173.21	cps
Gadolinium	160-1	75	33	58	56	37.75	cps
Gadolinium	160-2	0	3	0	1	173.21	cps
Holmium	165-1	8956231	8884019	8738580	8859610	1.25	cps
Holmium	165-2	1807751	1799290	1833008	1813350	0.97	cps
Indium	115-1	6976055	7008524	6930088	6971556	0.57	cps
Indium	115-2	265827	265121	268119	266356	0.59	cps
Iron	56-2	895	1000	961	952	5.61	cps
Iron	57-2	17	33	6	19	75.47	cps
Krypton	83-1	287	257	273	272	5.52	cps
Lead	206-1	306	328	361	331	8.44	cps
Lead	207-1	200	272	283	252	17.97	cps
Lead	208-1	1067	1295	1295	1219	10.79	cps
Lithium	6-1	1452050	1468150	1445193	1455131	0.81	cps
Magnesium	24-2	150	183	117	150	22.22	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:44:14	DataFile Name :	043CCBE_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10	13	10	11	17.30	cps
Molybdenum	94-1	408	425	575	469	19.55	cps
Molybdenum	95-1	367	483	625	492	26.31	cps
Molybdenum	96-1	450	550	633	544	16.86	cps
Molybdenum	97-1	250	358	425	344	25.64	cps
Molybdenum	98-1	625	750	1125	833	31.23	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	223	170	240	211	17.32	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	1650	1734	1950	1778	8.71	cps
Rhodium	103-1	6424896	6359098	6331987	6371994	0.75	cps
Rhodium	103-2	1632109	1625332	1661461	1639634	1.17	cps
Scandium	45-1	3874810	3881762	3831994	3862855	0.70	cps
Scandium	45-2	27460	27300	27758	27506	0.84	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	-71	3	14	-18	-257.10	cps
Silicon	28-1	323488	321885	322043	322472	0.27	cps
Silver	109-1	83	108	92	94	13.48	cps
Silver	107-1	83	125	133	114	23.52	cps
Sodium	23-2	3842	3367	3792	3667	7.12	cps
Strontium	86-1	350	358	333	347	3.67	cps
Strontium	88-1	142	92	83	106	29.89	cps
Sulfur	34-1	324455	326280	326593	325776	0.35	cps
Terbium	159-1	9277501	9325122	9103942	9235522	1.26	cps
Terbium	159-2	1753131	1712973	1754934	1740346	1.36	cps
Thallium	203-1	300	317	317	311	3.09	cps
Thallium	205-1	775	883	917	858	8.63	cps
Tin	118-1	817	1033	908	920	11.83	cps
Titanium	47-1	133	117	125	125	6.67	cps
Uranium	238-1	25	42	58	42	40.00	cps
Vanadium	51-2	0	0	3	1	173.21	cps
Yttrium	89-1	7246655	7147045	7054220	7149306	1.35	cps
Yttrium	89-2	193659	192574	198568	194934	1.64	cps
Zinc	66-2	20	33	60	38	53.92	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 17:44:14	DataFile Name :	043CCBE_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	633	700	467	600	20.03	cps
Zirconium	91-1	92	167	133	131	28.78	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 18:02:38	DataFile Name :	045LLCC_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	100	108	106	4.56	cps
Antimony	121-1	12782	13608	12982	13124	3.28	cps
Arsenic	75-2	59	70	74	68	11.36	cps
Barium	135-1	12773	12456	13065	12765	2.39	cps
Barium	137-1	21927	23138	22111	22392	2.91	cps
Beryllium	9-1	878	911	1000	930	6.80	cps
Bismuth	209-1	5589920	6035639	6127381	5917646	4.86	cps
Bismuth	209-2	1517893	1523098	1496590	1512527	0.93	cps
Boron	10-1	2692	2617	2767	2692	2.79	cps
Boron	11-1	12139	12422	12281	12281	1.15	cps
Cadmium	111-1	1958	2334	2307	2200	9.54	cps
Cadmium	106-1	1433	1584	1592	1536	5.80	cps
Cadmium	108-1	83	83	88	85	2.83	cps
Calcium	43-1	6744	6685	6952	6794	2.07	cps
Calcium	44-1	112691	110701	112742	112045	1.04	cps
Chromium	52-2	1237	1177	1133	1182	4.39	cps
Cobalt	59-2	1113	1087	1217	1139	6.03	cps
Copper	63-2	1970	1980	1823	1925	4.56	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	75	42	67	61	28.38	cps
Erbium	164-2	3	17	3	8	99.04	cps
Gadolinium	160-1	25	33	33	31	15.74	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	8368197	8932840	9279149	8860062	5.19	cps
Holmium	165-2	1846458	1872142	1822957	1847186	1.33	cps
Indium	115-1	6473760	7036835	7253131	6921242	5.81	cps
Indium	115-2	274696	274347	269341	272795	1.10	cps
Iron	56-2	17906	17322	17395	17541	1.82	cps
Iron	57-2	478	411	483	457	8.79	cps
Krypton	83-1	240	227	307	258	16.63	cps
Lead	206-1	4067	4506	4112	4229	5.71	cps
Lead	207-1	4056	4023	4090	4056	0.82	cps
Lead	208-1	17511	18261	17650	17807	2.24	cps
Lithium	6-1	1385407	1478360	1506131	1456633	4.34	cps
Magnesium	24-2	9495	9128	9587	9404	2.58	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 18:02:38	DataFile Name :	045LLCC_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	167	160	193	173	10.18	cps
Molybdenum	94-1	9587	9954	10371	9971	3.93	cps
Molybdenum	95-1	11989	12540	12523	12351	2.54	cps
Molybdenum	96-1	13357	13591	13507	13485	0.88	cps
Molybdenum	97-1	7853	7536	7636	7675	2.11	cps
Molybdenum	98-1	20141	19648	18939	19576	3.09	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	687	640	753	693	8.22	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	6202	6127	6402	6243	2.28	cps
Rhodium	103-1	5931479	6489961	6648117	6356519	5.92	cps
Rhodium	103-2	1694606	1709301	1665932	1689946	1.31	cps
Scandium	45-1	3645689	3937298	4046268	3876418	5.34	cps
Scandium	45-2	28696	28512	28272	28494	0.75	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	2	4	3	34.64	cps
Selenium	82-1	427	430	302	386	18.90	cps
Silicon	28-1	369743	365800	368415	367986	0.55	cps
Silver	109-1	5318	5718	5752	5596	4.31	cps
Silver	107-1	6102	6185	5935	6074	2.10	cps
Sodium	23-2	23971	24823	25115	24636	2.41	cps
Strontium	86-1	1734	1809	2050	1864	8.88	cps
Strontium	88-1	14008	13424	14300	13910	3.21	cps
Sulfur	34-1	344025	339845	340786	341552	0.64	cps
Terbium	159-1	8637057	9335012	9599113	9190394	5.41	cps
Terbium	159-2	1795542	1770288	1783938	1783256	0.71	cps
Thallium	203-1	5285	5393	5101	5260	2.81	cps
Thallium	205-1	12373	12699	12165	12412	2.17	cps
Tin	118-1	21902	21401	20350	21218	3.73	cps
Titanium	47-1	3217	3317	3100	3212	3.38	cps
Uranium	238-1	15585	15828	15769	15727	0.80	cps
Vanadium	51-2	1857	1713	1717	1762	4.64	cps
Yttrium	89-1	6662276	7193539	7425972	7093929	5.52	cps
Yttrium	89-2	198766	200338	196302	198469	1.03	cps
Zinc	66-2	220	210	200	210	4.76	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 18:02:38	DataFile Name :	045LLCC_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8611	9028	9504	9048	4.94	cps
Zirconium	91-1	2025	1867	1692	1861	8.96	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 18:06:00	DataFile Name :	046CCV_P8032018 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	199144	200135	199308	199529	0.27	cps
Antimony	121-1	3275885	3256375	3276297	3269519	0.35	cps
Arsenic	75-2	31892	31627	31510	31676	0.62	cps
Barium	135-1	3536065	3525058	3547981	3536368	0.32	cps
Barium	137-1	6045864	6082634	6058775	6062424	0.31	cps
Beryllium	9-1	434789	438579	437567	436978	0.45	cps
Bismuth	209-1	5752530	5795048	5667119	5738232	1.14	cps
Bismuth	209-2	1447075	1450730	1433285	1443696	0.64	cps
Boron	10-1	50406	53090	53023	52173	2.93	cps
Boron	11-1	236258	238841	245576	240225	2.00	cps
Cadmium	111-1	657753	656581	656255	656863	0.12	cps
Cadmium	106-1	70802	69086	70979	70289	1.49	cps
Cadmium	108-1	47249	47145	47948	47447	0.92	cps
Calcium	43-1	3415520	3428656	3428251	3424143	0.22	cps
Calcium	44-1	55478510	55706455	55502589	55562518	0.23	cps
Chromium	52-2	262784	268128	265470	265461	1.01	cps
Cobalt	59-2	560443	559682	564710	561612	0.48	cps
Copper	63-2	945849	949522	949275	948216	0.22	cps
Dysprosium	156-1	83	133	117	111	22.91	cps
Dysprosium	156-2	20	13	10	14	35.26	cps
Erbium	164-1	117	100	42	86	45.73	cps
Erbium	164-2	13	7	13	11	34.61	cps
Gadolinium	160-1	117	158	50	108	50.44	cps
Gadolinium	160-2	30	33	10	24	51.62	cps
Holmium	165-1	9192060	9180087	9093637	9155261	0.59	cps
Holmium	165-2	1859085	1885470	1836603	1860386	1.31	cps
Indium	115-1	6857123	6895987	6815759	6856290	0.59	cps
Indium	115-2	262632	263267	258774	261558	0.93	cps
Iron	56-2	42652038	43053322	42629744	42778368	0.56	cps
Iron	57-2	1058381	1075503	1070769	1068218	0.83	cps
Krypton	83-1	277	290	277	281	2.74	cps
Lead	206-1	2145525	2144455	2141522	2143834	0.10	cps
Lead	207-1	1981940	1974359	1957435	1971245	0.64	cps
Lead	208-1	8790837	8796886	8731300	8773008	0.41	cps
Lithium	6-1	1469153	1483274	1483825	1478751	0.56	cps
Magnesium	24-2	4834442	4860621	4817957	4837673	0.44	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 18:06:00	DataFile Name :	046CCV_P8032018 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	143730	146374	145084	145063	0.91	cps
Molybdenum	94-1	5360351	5408768	5391923	5387014	0.46	cps
Molybdenum	95-1	6617822	6581005	6634639	6611155	0.41	cps
Molybdenum	96-1	7335075	7361115	7426783	7374324	0.64	cps
Molybdenum	97-1	4149446	4146125	4194084	4163218	0.64	cps
Molybdenum	98-1	10549162	10689675	10591889	10610242	0.68	cps
Neodymium	150-1	233	280	280	264	10.19	cps
Neodymium	150-2	10	0	10	7	86.60	cps
Nickel	60-2	163732	164765	165486	164661	0.54	cps
Phosphorus	31-2	2859	2784	2609	2750	4.67	cps
Potassium	39-2	1273224	1293786	1271556	1279522	0.97	cps
Rhodium	103-1	6209023	6122922	6125236	6152394	0.80	cps
Rhodium	103-2	1595750	1601964	1564630	1587448	1.26	cps
Scandium	45-1	3937912	3981753	3958382	3959349	0.55	cps
Scandium	45-2	28399	28305	28616	28440	0.56	cps
Selenium	77-2	190	180	200	190	5.27	cps
Selenium	78-2	698	654	644	665	4.31	cps
Selenium	82-1	41324	41251	41552	41376	0.38	cps
Silicon	28-1	1663219	1668679	1685152	1672350	0.68	cps
Silver	109-1	3119540	3101114	3117564	3112740	0.32	cps
Silver	107-1	3208203	3233233	3227849	3223095	0.41	cps
Sodium	23-2	11622015	11570750	11577284	11590016	0.24	cps
Strontium	86-1	870467	871398	871783	871216	0.08	cps
Strontium	88-1	7598644	7549983	7551050	7566559	0.37	cps
Sulfur	34-1	565465	572866	569622	569318	0.65	cps
Terbium	159-1	9468642	9447288	9405774	9440568	0.34	cps
Terbium	159-2	1792842	1785552	1772506	1783633	0.58	cps
Thallium	203-1	2659688	2671696	2642965	2658116	0.54	cps
Thallium	205-1	6273510	6220815	6183311	6225879	0.73	cps
Tin	118-1	2248124	2250854	2274551	2257843	0.64	cps
Titanium	47-1	1741266	1738379	1717827	1732491	0.74	cps
Uranium	238-1	8617663	8478750	8607463	8567959	0.90	cps
Vanadium	51-2	196784	198738	197361	197628	0.51	cps
Yttrium	89-1	7365385	7310793	7279964	7318714	0.59	cps
Yttrium	89-2	200514	200250	197588	199450	0.81	cps
Zinc	66-2	86165	86360	86434	86320	0.16	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 18:06:00	DataFile Name :	046CCV_P8032018 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4590197	4619202	4562128	4590509	0.62	cps
Zirconium	91-1	1012552	1010285	1015130	1012656	0.24	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	LLCCV3	Instrumnet Name :	P8
Client Sample ID :	LLCCV3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 18:34:33	DataFile Name :	049LLCC_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	75	75	86	22.35	cps
Antimony	121-1	12098	12298	12490	12295	1.59	cps
Arsenic	75-2	57	85	50	64	28.90	cps
Barium	135-1	12348	12281	12482	12370	0.82	cps
Barium	137-1	21385	20959	21544	21296	1.42	cps
Beryllium	9-1	978	933	1028	980	4.82	cps
Bismuth	209-1	5897233	6068858	5850399	5938830	1.94	cps
Bismuth	209-2	1508764	1488035	1509277	1502025	0.81	cps
Boron	10-1	2434	2442	2575	2484	3.20	cps
Boron	11-1	11638	12005	12097	11914	2.04	cps
Cadmium	111-1	1922	2111	2237	2090	7.59	cps
Cadmium	106-1	1225	1450	1542	1406	11.59	cps
Cadmium	108-1	146	83	96	108	30.53	cps
Calcium	43-1	6468	6685	7027	6727	4.19	cps
Calcium	44-1	107753	108920	108467	108380	0.54	cps
Chromium	52-2	1160	1213	1077	1150	5.99	cps
Cobalt	59-2	1003	1053	1083	1047	3.86	cps
Copper	63-2	1984	1910	2050	1981	3.54	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	8	42	33	28	62.46	cps
Erbium	164-2	13	3	7	8	65.47	cps
Gadolinium	160-1	67	50	50	56	17.32	cps
Gadolinium	160-2	3	7	0	3	100.05	cps
Holmium	165-1	8861429	9001282	8647229	8836647	2.02	cps
Holmium	165-2	1843740	1839383	1827855	1836993	0.45	cps
Indium	115-1	7027295	7071297	6916786	7005126	1.14	cps
Indium	115-2	271514	268617	271643	270591	0.63	cps
Iron	56-2	16749	16833	17250	16944	1.58	cps
Iron	57-2	533	333	361	409	26.47	cps
Krypton	83-1	183	217	237	212	12.69	cps
Lead	206-1	4145	4073	3934	4051	2.65	cps
Lead	207-1	3773	3590	3812	3725	3.19	cps
Lead	208-1	16638	16277	16622	16512	1.24	cps
Lithium	6-1	1474731	1501230	1474336	1483432	1.04	cps
Magnesium	24-2	8545	8928	8903	8792	2.44	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	LLCCV3	Instrumnet Name :	P8
Client Sample ID :	LLCCV3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 18:34:33	DataFile Name :	049LLCC_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	173	177	140	163	12.42	cps
Molybdenum	94-1	9470	9671	9996	9712	2.73	cps
Molybdenum	95-1	11722	11755	12056	11845	1.55	cps
Molybdenum	96-1	13399	13257	13515	13390	0.97	cps
Molybdenum	97-1	7444	7519	7361	7441	1.07	cps
Molybdenum	98-1	19164	20124	19740	19676	2.45	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	723	707	773	734	4.72	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	6385	6310	6035	6243	2.95	cps
Rhodium	103-1	6455421	6449978	6421074	6442158	0.29	cps
Rhodium	103-2	1676564	1647454	1679711	1667910	1.07	cps
Scandium	45-1	3900518	3980308	3914608	3931811	1.08	cps
Scandium	45-2	28389	27764	28175	28109	1.13	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	13	9	4	9	53.95	cps
Selenium	82-1	420	401	373	398	5.95	cps
Silicon	28-1	355578	359448	358276	357767	0.55	cps
Silver	109-1	5701	5610	5877	5729	2.37	cps
Silver	107-1	6418	5968	5960	6116	4.29	cps
Sodium	23-2	23695	23938	23195	23609	1.60	cps
Strontium	86-1	2084	2009	2009	2034	2.13	cps
Strontium	88-1	13440	13799	13699	13646	1.36	cps
Sulfur	34-1	332579	332853	334555	333329	0.32	cps
Terbium	159-1	9215288	9371233	9149450	9245324	1.23	cps
Terbium	159-2	1783856	1742819	1760600	1762425	1.17	cps
Thallium	203-1	4751	5085	4976	4937	3.45	cps
Thallium	205-1	11956	11831	11931	11906	0.56	cps
Tin	118-1	20116	20425	20241	20261	0.77	cps
Titanium	47-1	3559	3326	3159	3348	6.00	cps
Uranium	238-1	15385	15268	14885	15179	1.73	cps
Vanadium	51-2	1643	1760	1827	1743	5.32	cps
Yttrium	89-1	7146842	7277937	7162729	7195836	0.99	cps
Yttrium	89-2	198005	197823	198681	198170	0.23	cps
Zinc	66-2	223	223	227	224	0.86	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	LLCCV3	Instrumnet Name :	P8
Client Sample ID :	LLCCV3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 18:34:33	DataFile Name :	049LLCC_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9445	9053	9112	9203	2.30	cps
Zirconium	91-1	1784	2025	2050	1953	7.54	cps

LB Number : LB94206 Operator : Jaswal
 Lab Sample ID : CCB06 Instrumnet Name : P8
 Client Sample ID : CCB06 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-20 18:38:05 DataFile Name : 050CCBE_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	8	14	34.67	cps
Antimony	121-1	575	842	992	803	26.29	cps
Arsenic	75-2	2	4	2	2	43.30	cps
Barium	135-1	25	0	33	19	89.21	cps
Barium	137-1	25	33	17	25	33.32	cps
Beryllium	9-1	111	133	178	141	24.12	cps
Bismuth	209-1	5753096	5839130	5984059	5858762	1.99	cps
Bismuth	209-2	1479234	1517309	1540194	1512246	2.04	cps
Boron	10-1	558	358	475	464	21.66	cps
Boron	11-1	1850	1642	2117	1870	12.74	cps
Cadmium	111-1	896	1033	886	938	8.76	cps
Cadmium	106-1	1242	1408	1258	1303	7.05	cps
Cadmium	108-1	4	4	4	4	0.00	cps
Calcium	43-1	617	642	592	617	4.05	cps
Calcium	44-1	9404	9846	9462	9570	2.51	cps
Chromium	52-2	183	137	147	156	15.80	cps
Cobalt	59-2	33	60	80	58	40.53	cps
Copper	63-2	113	97	137	116	17.39	cps
Dysprosium	156-1	33	0	8	14	124.92	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	58	25	8	31	83.33	cps
Erbium	164-2	13	7	3	8	65.47	cps
Gadolinium	160-1	42	25	8	25	66.68	cps
Gadolinium	160-2	7	0	3	3	100.05	cps
Holmium	165-1	8563300	8806071	8970351	8779907	2.33	cps
Holmium	165-2	1812188	1860811	1834724	1835908	1.33	cps
Indium	115-1	6812842	6950201	7074004	6945682	1.88	cps
Indium	115-2	266831	275027	273602	271820	1.61	cps
Iron	56-2	722	889	839	817	10.47	cps
Iron	57-2	33	0	17	17	99.99	cps
Krypton	83-1	263	273	267	268	1.90	cps
Lead	206-1	306	350	228	294	21.01	cps
Lead	207-1	267	172	272	237	23.71	cps
Lead	208-1	1056	1033	1011	1033	2.15	cps
Lithium	6-1	1394009	1464866	1470946	1443273	2.96	cps
Magnesium	24-2	250	225	258	244	7.10	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 18:38:05	DataFile Name :	050CCBE_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3	13	7	8	65.47	cps
Molybdenum	94-1	275	375	408	353	19.67	cps
Molybdenum	95-1	158	408	267	278	45.13	cps
Molybdenum	96-1	267	367	467	367	27.27	cps
Molybdenum	97-1	125	150	225	167	31.22	cps
Molybdenum	98-1	317	458	583	453	29.47	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	180	170	173	174	2.92	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1817	1709	2100	1875	10.79	cps
Rhodium	103-1	6246977	6443832	6431939	6374249	1.73	cps
Rhodium	103-2	1650321	1697811	1680260	1676130	1.43	cps
Scandium	45-1	3851867	3926966	3927664	3902166	1.12	cps
Scandium	45-2	28135	28533	28506	28391	0.78	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	6	0	0	2	173.21	cps
Selenium	82-1	18	-29	-27	-13	-211.13	cps
Silicon	28-1	327899	327247	321480	325542	1.09	cps
Silver	109-1	58	25	42	42	40.00	cps
Silver	107-1	75	100	33	69	48.50	cps
Sodium	23-2	3567	3517	3709	3598	2.76	cps
Strontium	86-1	400	383	475	419	11.64	cps
Strontium	88-1	117	67	83	89	28.64	cps
Sulfur	34-1	333179	335913	332137	333743	0.58	cps
Terbium	159-1	8933299	9284221	9212974	9143498	2.03	cps
Terbium	159-2	1754296	1784646	1760948	1766630	0.90	cps
Thallium	203-1	267	158	300	242	30.65	cps
Thallium	205-1	417	550	508	492	13.87	cps
Tin	118-1	800	717	725	747	6.14	cps
Titanium	47-1	75	108	67	83	26.46	cps
Uranium	238-1	25	25	50	33	43.30	cps
Vanadium	51-2	7	3	0	3	100.05	cps
Yttrium	89-1	6929273	7096361	7174022	7066552	1.77	cps
Yttrium	89-2	197106	200886	198527	198840	0.96	cps
Zinc	66-2	10	37	47	31	60.93	cps

LB Number :	LB94206	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2018-03-20 18:38:05	DataFile Name :	050CCBE_P8032018 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	542	492	533	522	5.13	cps
Zirconium	91-1	75	75	100	83	17.33	cps