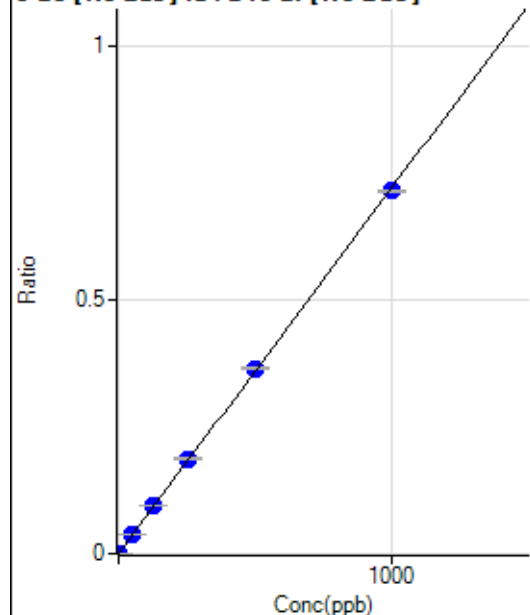


Calibration for 002CALB.d

Batch Folder: D:\ICP-MS Data\P7080318-MS .bb\
 Analysis File: P7080318-MS .batch.bin
 DA Date-Time: 2018-08-03 16:46:12
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-08-03 12:13:04
2			
3	005CALS.d	S02	2018-08-03 12:21:25
4	006CALS.d	S03	2018-08-03 12:25:18
5	007CALS.d	S04	2018-08-03 12:29:24
6	008CALS.d	S05	2018-08-03 12:33:11
7	009CALS.d	S06	2018-08-03 12:36:57
8	010CALS.d	S07	2018-08-03 12:40:41
9	011CALS.d	S08	2018-08-03 12:44:25

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	59.26	0.0000	P	29.5
2	☐	0.100					
3	☐	1.000	1.070	2339.13	0.0008	P	1.1
4	☐	50.000	53.636	115066.09	0.0386	P	0.6
5	☐	125.000	132.037	280957.08	0.0950	P	0.5
6	☐	250.000	260.237	539537.36	0.1873	P	1.0
7	☐	500.000	507.126	1056488.89	0.3649	P	0.9
8	☐	1000.000	992.816	2015568.17	0.7143	P	0.3
9	☐			631.51	0.0003	P	23.3

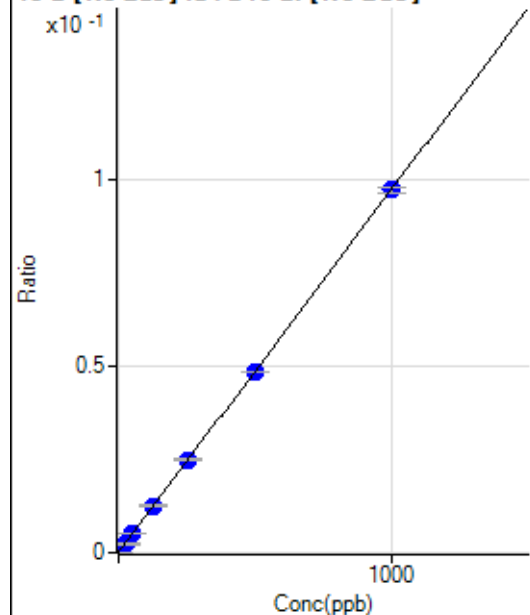
$$y = 7.1948\text{E-}004 * x + 1.9331\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.02378$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	255.57	0.0001	P	14.0
2	☐	2.500					
3	☐	25.000	23.204	6951.85	0.0023	P	1.9
4	☐	50.000	50.808	15016.36	0.0050	P	0.9
5	☐	125.000	128.544	37319.19	0.0126	P	1.2
6	☐	250.000	256.075	72203.52	0.0251	P	2.0
7	☐	500.000	498.499	141016.94	0.0487	P	0.3
8	☐	1000.000	998.793	275099.71	0.0975	P	1.8
9	☐			8580.62	0.0035	P	7.5

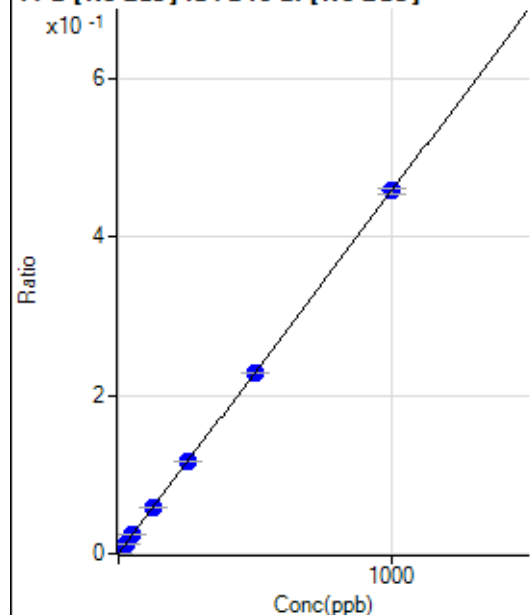
$$y = 9.7534\text{E-}005 * x + 8.3146\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.3591$$

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	975.08	0.0003	P	2.7
2	☐	2.500					
3	☐	25.000	24.072	33596.69	0.0113	P	0.9
4	☐	50.000	52.145	72106.08	0.0242	P	1.3
5	☐	125.000	127.186	173128.16	0.0586	P	2.6
6	☐	250.000	253.733	335662.90	0.1165	P	1.6
7	☐	500.000	496.921	659703.61	0.2278	P	0.5
8	☐	1000.000	1000.249	1293138.12	0.4583	P	1.6
9	☐			39154.84	0.0160	P	9.6

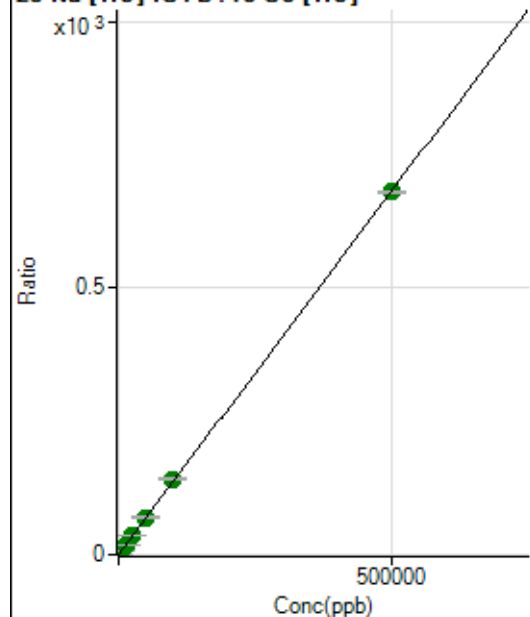
$$y = 4.5788\text{E-}004 * x + 3.1759\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.05719$$

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	12619.69	0.0370	P	0.8
2	☐	50.000					
3	☐	500.000	494.673	245234.40	0.7113	P	0.5
4	☐	5000.000	5273.977	2412761.71	7.2259	A	0.3
5	☐	12500.000	13044.096	5643399.22	17.8172	A	0.6
6	☐	25000.000	26286.864	11019722.30	35.8683	A	0.6
7	☐	50000.000	51485.430	21688279.65	70.2162	A	0.8
8	☐	100000.00	103502.48	43371424.24	141.1201	A	2.1
9	☐	500000.00	499070.28	194255258.5	680.3143	A	0.4

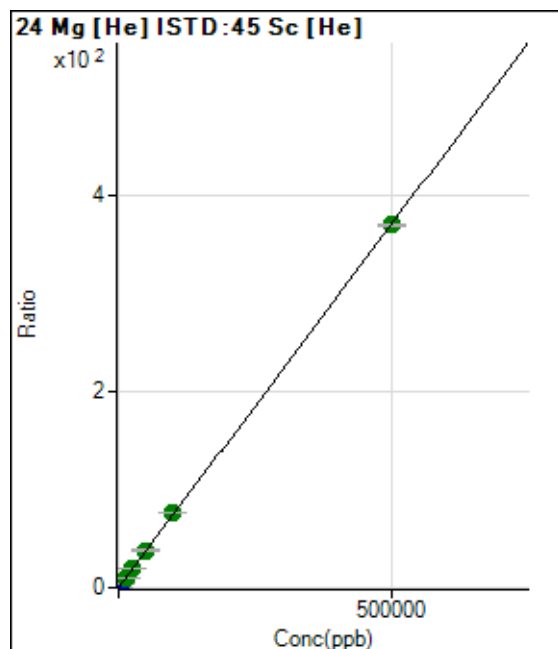
$$y = 0.0014 * x + 0.0370$$

$$R = 1.0000$$

$$DL = 0.6529$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	136.12	0.0004	P	17.9
2	☐	50.000					
3	☐	500.000	485.671	124001.56	0.3596	P	1.1
4	☐	5000.000	5286.703	1305878.18	3.9109	P	0.3
5	☐	12500.000	13129.835	3076322.25	9.7124	A	0.6
6	☐	25000.000	26331.257	5984096.27	19.4774	A	0.1
7	☐	50000.000	51577.008	11784357.55	38.1516	A	0.4
8	☐	100000.00	103203.59	23461916.15	76.3394	A	2.1
9	☐	500000.00	499116.42	105418872.5	369.1934	A	0.3

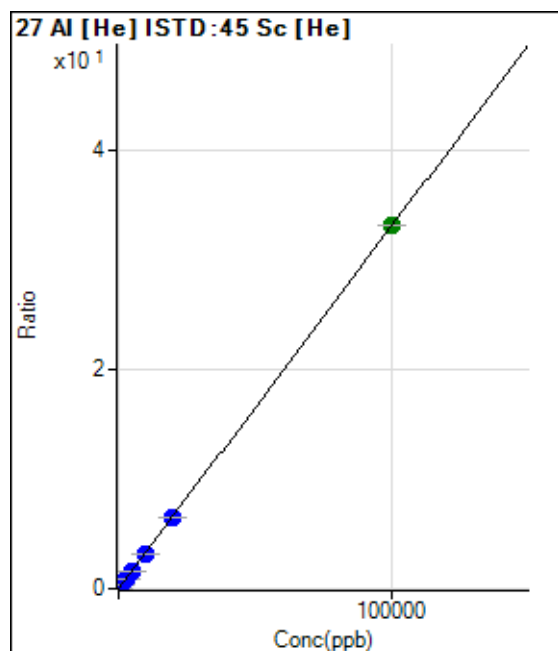
$$y = 7.3969\text{E-}004 * x + 3.9896\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.2893$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.11	0.0001	P	13.1
2	☐	2.000					
3	☐	20.000	19.360	2241.93	0.0065	P	4.4
4	☐	1000.000	1021.523	112725.30	0.3376	P	0.7
5	☐	2500.000	2497.404	261376.31	0.8252	P	0.3
6	☐	5000.000	4989.920	506537.28	1.6487	P	0.7
7	☐	10000.000	9775.246	997600.42	3.2297	P	0.5
8	☐	20000.000	19628.345	1993114.13	6.4850	P	1.9
9	☐	100000.00	100097.16	9443046.91	33.0705	A	0.1

$$y = 3.3038\text{E-}004 * x + 1.0579\text{E-}004$$

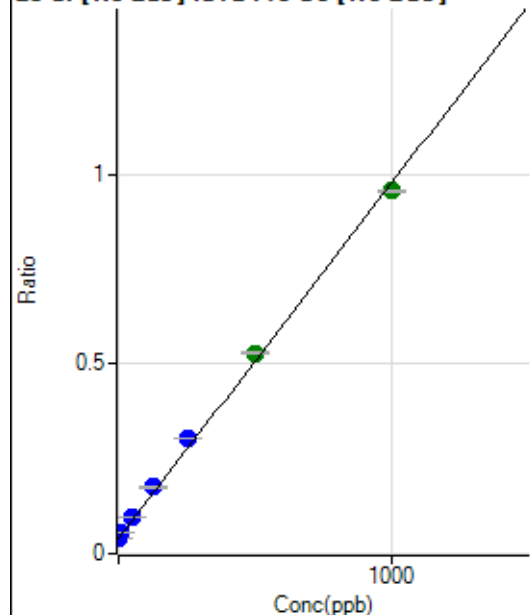
$$R = 1.0000$$

$$DL = 0.1263$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	288826.74	0.0400	P	1.4
2	☐	1.000					
3	☐	10.000	16.261	387067.82	0.0553	P	0.5
4	☐	50.000	59.102	662943.97	0.0954	P	0.9
5	☐	125.000	144.271	1179922.43	0.1752	P	0.5
6	☐	250.000	281.954	1976797.11	0.3043	P	1.3
7	☐	500.000	521.650	3427555.46	0.5289	A	0.6
8	☐	1000.000	978.260	6238202.83	0.9569	A	0.5
9	☐			390405.99	0.0673	P	1.0

$$y = 9.3725\text{E-}004 * x + 0.0400$$

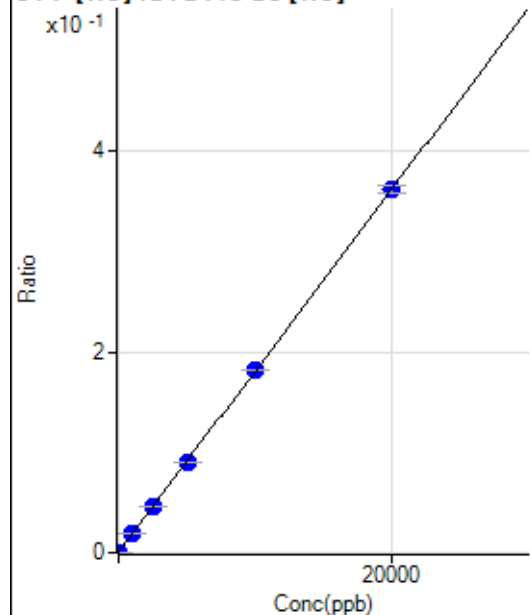
$$R = 0.9991$$

$$DL = 1.796$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-3.893	147.23	0.0004	P	14.3
2	☐	0.000					
3	☐	0.000	3.893	197.24	0.0006	P	13.6
4	☐	1000.000	1048.129	6490.60	0.0194	P	5.1
5	☐	2500.000	2496.163	14440.81	0.0456	P	2.2
6	☐	5000.000	4976.351	27771.04	0.0904	P	0.2
7	☐	10000.000	10021.519	56070.40	0.1815	P	0.2
8	☐	20000.000	19993.226	111147.86	0.3616	P	2.0
9	☐			211.12	0.0007	P	17.0

$$y = 1.8063\text{E-}005 * x + 5.0176\text{E-}004$$

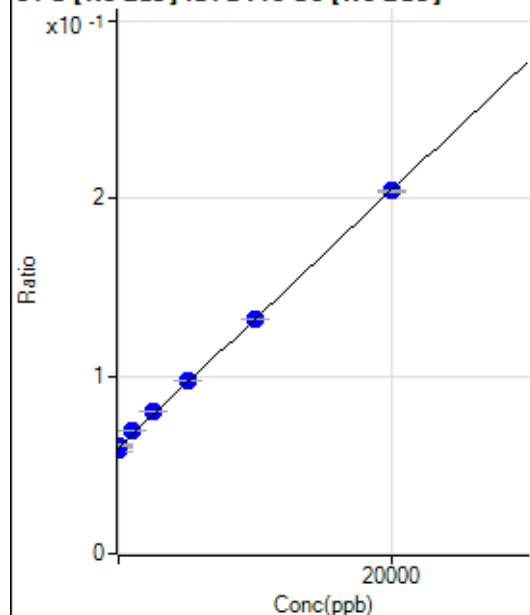
$$R = 1.0000$$

$$DL = 11.6$$

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	-171.151	422913.89	0.0586	P	2.6
2	☐	0.000					
3	☐	0.000	171.151	427995.40	0.0611	P	0.5
4	☐	1000.000	1297.895	481368.79	0.0693	P	1.0
5	☐	2500.000	2827.501	541225.14	0.0804	P	0.6
6	☐	5000.000	5151.174	631782.82	0.0972	P	0.5
7	☐	10000.000	9976.627	857099.11	0.1323	P	0.4
8	☐	20000.000	19918.061	1332564.07	0.2044	P	0.3
9	☐			322694.34	0.0556	P	1.2

$$y = 7.2569\text{E-}006 * x + 0.0599$$

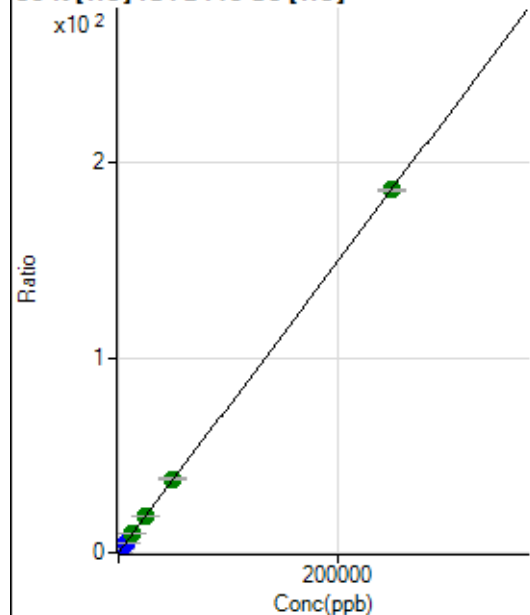
$$R = 0.9997$$

$$DL = 383.1$$

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	32002.16	0.0938	P	1.4
2	☐	50.000					
3	☐	500.000	486.727	157159.48	0.4558	P	1.0
4	☐	2500.000	2592.007	675091.03	2.0218	P	0.3
5	☐	6250.000	6318.764	1518411.58	4.7939	P	0.3
6	☐	12500.000	12622.092	2913334.11	9.4825	A	0.3
7	☐	25000.000	24986.621	5769845.36	18.6797	A	0.4
8	☐	50000.000	50427.480	11556926.73	37.6035	A	2.1
9	☐	250000.00	249907.12	53105843.54	185.9834	A	0.2

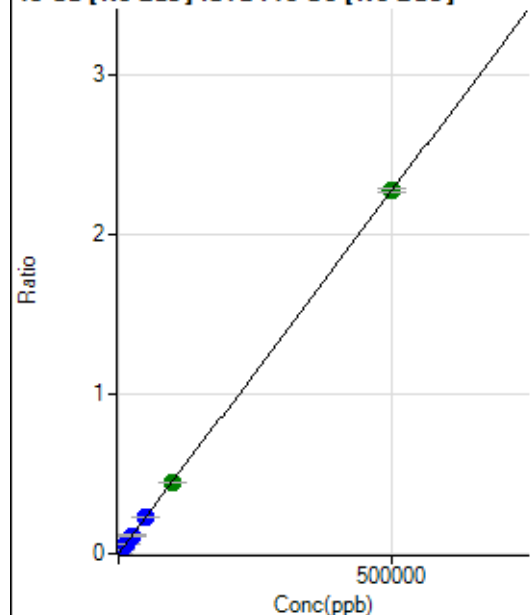
$$y = 7.4383\text{E-}004 * x + 0.0938$$

$$R = 1.0000$$

$$DL = 5.225$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	191.68	0.0000	P	26.2
2	☐	50.000					
3	☐	500.000	483.072	15567.06	0.0022	P	2.5
4	☐	5000.000	5046.641	159577.21	0.0230	P	1.0
5	☐	12500.000	12609.289	386117.68	0.0573	P	0.3
6	☐	25000.000	25112.165	741780.81	0.1142	P	1.4
7	☐	50000.000	50022.505	1473695.31	0.2274	P	0.5
8	☐	100000.00	99185.070	2939465.80	0.4509	A	0.4
9	☐	500000.00	500151.94	13186328.25	2.2736	A	1.0

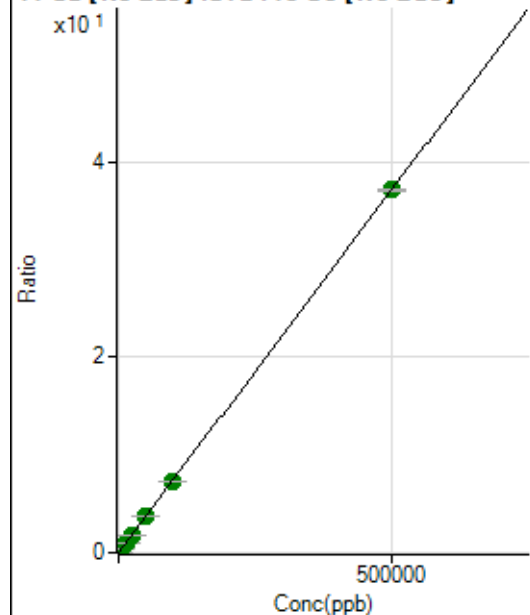
$$y = 4.5458\text{E-}006 * x + 2.6660\text{E-}005$$

$$R = 1.0000$$

$$DL = 4.601$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5476.26	0.0008	P	1.9
2	☐	50.000					
3	☐	500.000	470.417	249747.89	0.0357	P	0.1
4	☐	5000.000	4995.166	2580013.45	0.3713	A	0.2
5	☐	12500.000	12429.468	6213644.80	0.9228	A	0.6
6	☐	25000.000	24930.772	12020383.60	1.8502	A	0.9
7	☐	50000.000	49562.668	23831492.38	3.6775	A	0.3
8	☐	100000.00	98887.478	47828585.10	7.3367	A	0.3
9	☐	500000.00	500271.54	215253271.4	37.1132	A	0.5

$$y = 7.4185\text{E-}005 * x + 7.5896\text{E-}004$$

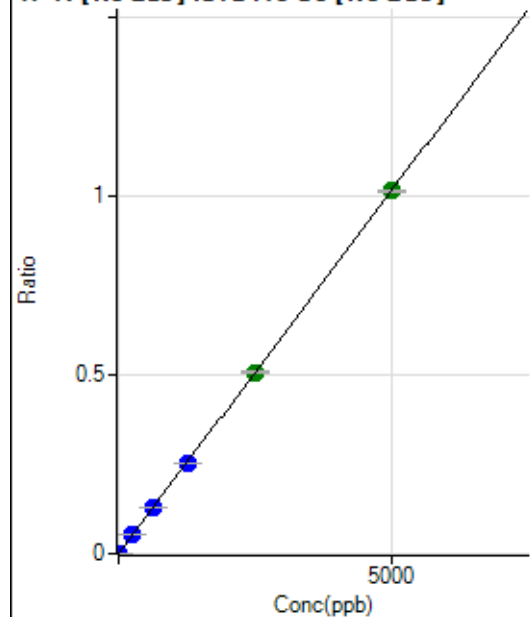
$$R = 1.0000$$

$$DL = 0.57$$

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	83.34	0.0000	P	60.3
2	☐	0.500					
3	☐	5.000	4.934	7082.55	0.0010	P	3.2
4	☐	250.000	255.928	360400.39	0.0519	P	0.5
5	☐	625.000	633.687	864646.81	0.1284	P	0.6
6	☐	1250.000	1249.670	1645185.75	0.2532	P	0.8
7	☐	2500.000	2500.515	3283412.16	0.5067	A	0.6
8	☐	5000.000	4998.443	6602894.85	1.0128	A	0.2
9	☐			3661.71	0.0006	P	5.7

$$y = 2.0263\text{E-}004 * x + 1.1447\text{E-}005$$

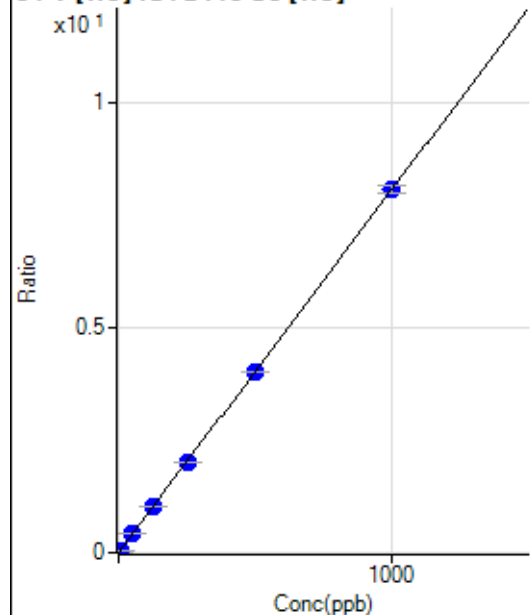
$$R = 1.0000$$

$$DL = 0.1022$$

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	6.66	0.0000	P	86.4
2	☐	0.500					
3	☐	5.000	4.819	13372.95	0.0388	P	0.6
4	☐	50.000	50.817	136498.58	0.4088	P	0.6
5	☐	125.000	125.344	319357.77	1.0083	P	0.3
6	☐	250.000	251.415	621329.62	2.0224	P	0.3
7	☐	500.000	498.266	1237986.94	4.0080	P	0.6
8	☐	1000.000	1000.430	2473151.78	8.0473	P	2.3
9	☐			1075.61	0.0038	P	3.7

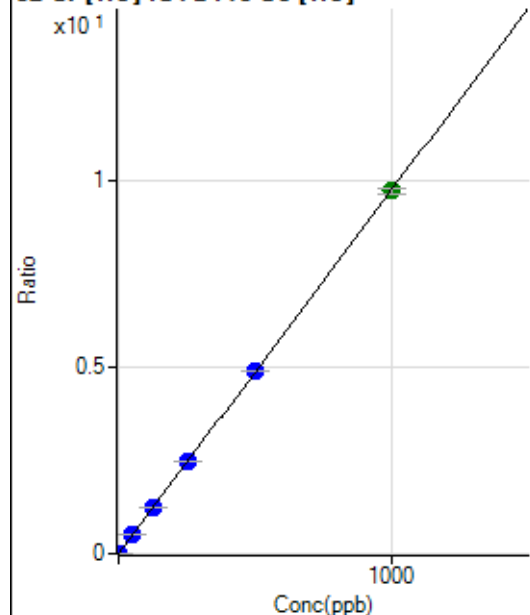
$$y = 0.0080 * x + 1.9498\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.006284$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	531.13	0.0016	P	1.4
2	☐	0.200					
3	☐	2.000	2.063	7455.32	0.0216	P	1.9
4	☐	50.000	51.655	168308.84	0.5041	P	0.3
5	☐	125.000	126.317	389697.36	1.2304	P	0.8
6	☐	250.000	255.810	765023.19	2.4901	P	0.5
7	☐	500.000	500.772	1505198.68	4.8730	P	0.3
8	☐	1000.000	997.914	2984053.70	9.7092	A	1.9
9	☐			107303.36	0.3758	P	0.5

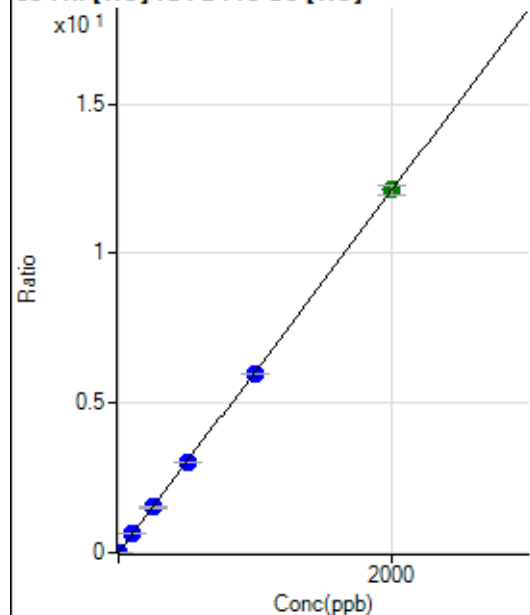
$$y = 0.0097 * x + 0.0016$$

$$R = 1.0000$$

$$DL = 0.00694$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	113.33	0.0003	P	36.0
2	☐	0.100					
3	☐	1.000	0.991	2182.42	0.0063	P	6.0
4	☐	100.000	101.289	204743.67	0.6132	P	0.8
5	☐	250.000	249.771	478750.87	1.5115	P	0.6
6	☐	500.000	501.816	932884.99	3.0365	P	0.5
7	☐	1000.000	990.930	1851991.76	5.9957	P	0.3
8	☐	2000.000	2004.045	3726451.68	12.1254	A	2.3
9	☐			17370.45	0.0608	P	2.1

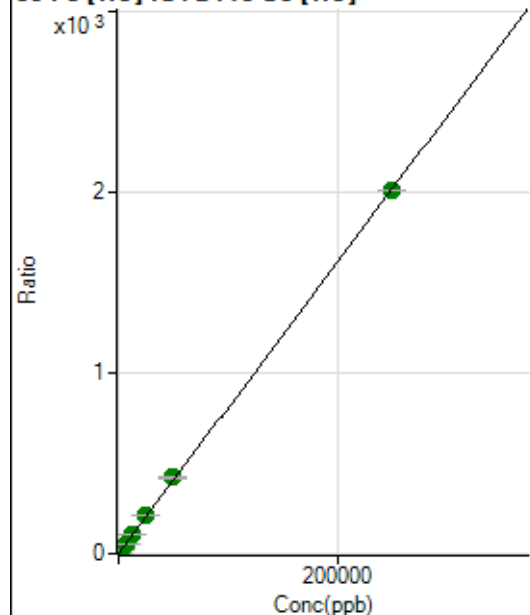
$$y = 0.0061 * x + 3.3199E-004$$

$$R = 1.0000$$

$$DL = 0.05923$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5241.83	0.0154	P	0.7
2	☐	5.000					
3	☐	50.000	51.459	148284.15	0.4301	P	0.3
4	☐	2500.000	2644.605	7121789.11	21.3284	A	0.3
5	☐	6250.000	6565.397	16763942.16	52.9264	A	0.5
6	☐	12500.000	13250.971	32813874.11	106.8060	A	0.4
7	☐	25000.000	26153.088	65108157.93	210.7852	A	0.3
8	☐	50000.000	52600.229	130284155.6	423.9249	A	2.3
9	☐	250000.00	249317.76	573734109.1	2,009.287	A	0.0

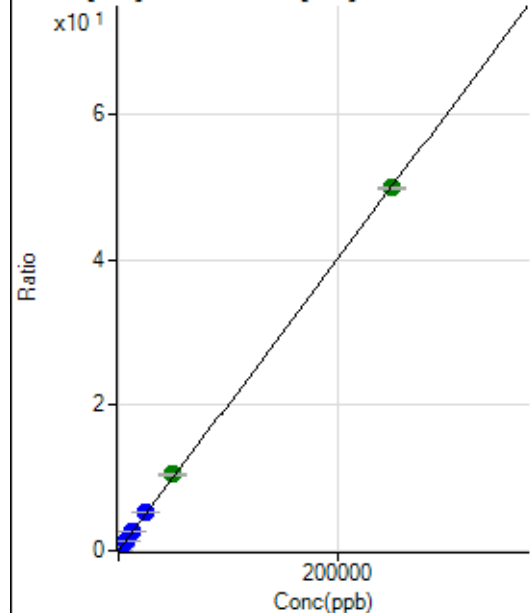
$$y = 0.0081 * x + 0.0154$$

$$R = 0.9999$$

$$DL = 0.03771$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	227.79	0.0007	P	22.4
2	☐	5.000					
3	☐	50.000	54.301	3974.71	0.0115	P	3.6
4	☐	2500.000	2633.837	176117.95	0.5274	P	0.3
5	☐	6250.000	6600.796	418362.80	1.3208	P	0.4
6	☐	12500.000	13261.255	815056.46	2.6529	P	0.5
7	☐	25000.000	25925.754	1601833.44	5.1859	P	0.5
8	☐	50000.000	52351.140	3218167.81	10.4710	A	2.0
9	☐	250000.00	249389.02	14242135.16	49.8788	A	0.6

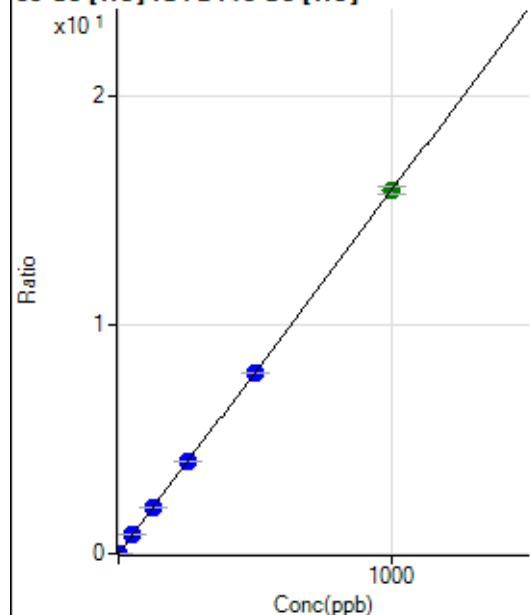
$$y = 2.0000E-004 * x + 6.6750E-004$$

$$R = 1.0000$$

$$DL = 2.238$$

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	68.89	0.0002	P	22.2
2	☐	0.100					
3	☐	1.000	1.001	5544.46	0.0161	P	2.6
4	☐	50.000	51.801	274491.17	0.8221	P	0.3
5	☐	125.000	127.900	642794.99	2.0294	P	0.4
6	☐	250.000	255.324	1244595.48	4.0511	P	0.8
7	☐	500.000	497.849	2439814.84	7.8989	P	0.8
8	☐	1000.000	999.292	4872683.23	15.8546	A	2.1
9	☐			53443.69	0.1872	P	0.7

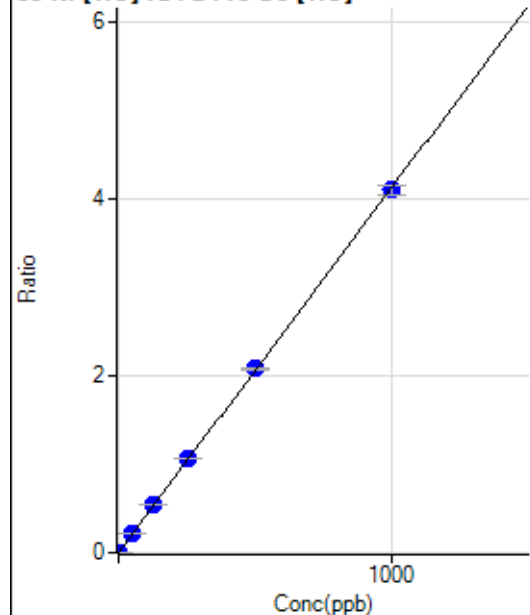
$$y = 0.0159 * x + 2.0181E-004$$

$$R = 1.0000$$

$$DL = 0.008455$$

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	73.33	0.0002	P	16.5
2	☐	0.100					
3	☐	1.000	1.046	1560.11	0.0045	P	4.5
4	☐	50.000	52.939	72908.96	0.2184	P	0.5
5	☐	125.000	130.533	170433.99	0.5381	P	0.6
6	☐	250.000	259.365	328409.41	1.0690	P	0.7
7	☐	500.000	504.128	641706.73	2.0775	P	1.2
8	☐	1000.000	994.756	1259773.27	4.0992	P	2.4
9	☐			36658.16	0.1284	P	0.7

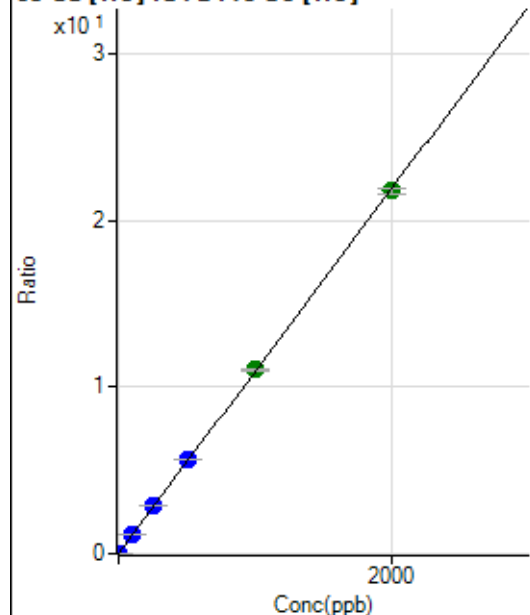
$$y = 0.0041 * x + 2.1491E-004$$

$$R = 0.9999$$

$$DL = 0.02579$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3037.03	0.0089	P	3.5
2	☐	0.200					
3	☐	2.000	2.052	10801.90	0.0313	P	1.3
4	☐	100.000	106.243	390787.71	1.1704	P	0.7
5	☐	250.000	260.190	903754.99	2.8533	P	0.2
6	☐	500.000	517.119	1739557.09	5.6621	P	0.4
7	☐	1000.000	1009.960	3413068.59	11.0498	A	0.7
8	☐	2000.000	1989.154	6686179.76	21.7545	A	1.8
9	☐			16521.73	0.0579	P	1.3

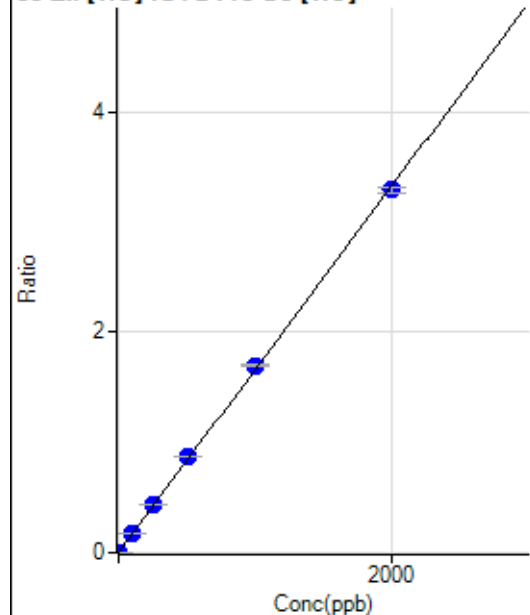
$$y = 0.0109 * x + 0.0089$$

$$R = 0.9999$$

$$DL = 0.08427$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	641.14	0.0019	P	8.4
2	☐	0.200					
3	☐	2.000	1.725	1635.67	0.0047	P	2.0
4	☐	100.000	105.753	59304.27	0.1776	P	1.0
5	☐	250.000	261.793	138383.48	0.4369	P	0.8
6	☐	500.000	525.921	269069.49	0.8758	P	0.4
7	☐	1000.000	1022.517	525393.82	1.7010	P	0.9
8	☐	2000.000	1980.500	1012030.25	3.2928	P	1.9
9	☐			7019.56	0.0246	P	1.3

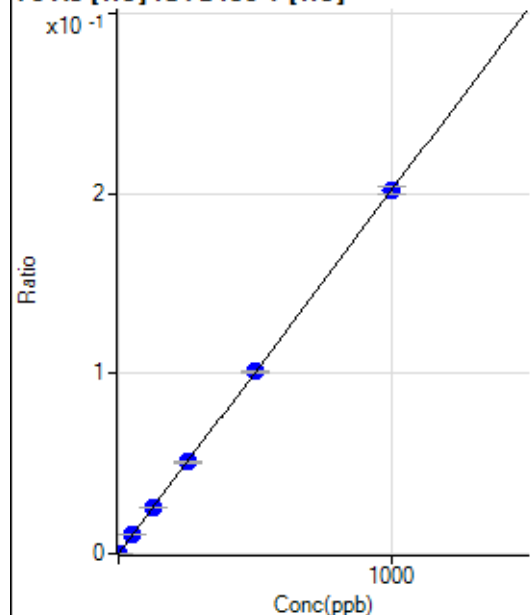
$$y = 0.0017 * x + 0.0019$$

$$R = 0.9998$$

$$DL = 0.2844$$

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	19.75	0.0000	P	51.7
2	☐	0.100					
3	☐	1.000	0.991	392.60	0.0002	P	10.5
4	☐	50.000	51.737	19110.16	0.0105	P	0.8
5	☐	125.000	126.444	44558.82	0.0255	P	0.4
6	☐	250.000	251.742	87007.44	0.0508	P	0.3
7	☐	500.000	500.900	173483.37	0.1011	P	0.7
8	☐	1000.000	998.847	344866.72	0.2016	P	2.0
9	☐			533.96	0.0003	P	4.8

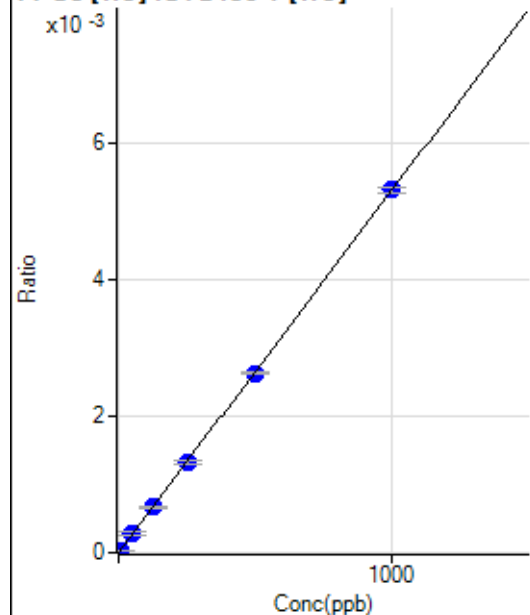
$$y = 2.0179\text{E-}004 * x + 1.0726\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.08237$$

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	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	5.971	58.89	0.0000	P	22.9
4	☐	50.000	52.567	508.91	0.0003	P	16.1
5	☐	125.000	125.159	1156.73	0.0007	P	3.0
6	☐	250.000	250.040	2266.88	0.0013	P	6.1
7	☐	500.000	495.061	4498.54	0.0026	P	1.0
8	☐	1000.000	1002.306	9080.76	0.0053	P	1.3
9	☐			4.44	0.0000	P	114.7

$$y = 5.2945\text{E-}006 * x + 0.0000\text{E+}000$$

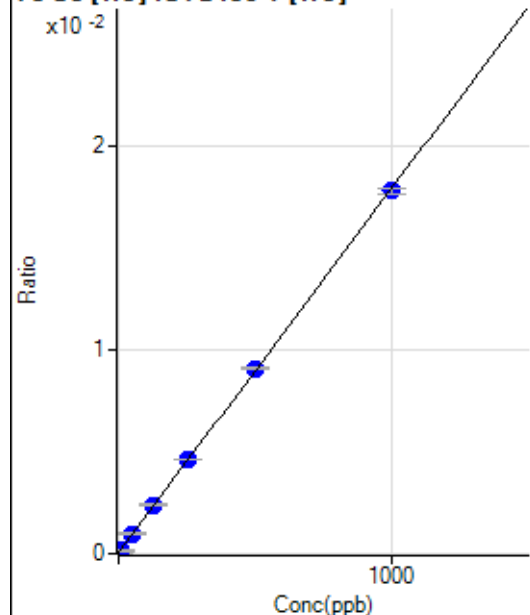
$$R = 1.0000$$

$$DL = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	81.48	0.0000	P	17.3
2	☐	0.500					
3	☐	5.000	5.705	272.23	0.0001	P	9.0
4	☐	50.000	52.856	1806.92	0.0010	P	3.9
5	☐	125.000	131.548	4177.80	0.0024	P	1.7
6	☐	250.000	257.282	7942.98	0.0046	P	0.2
7	☐	500.000	506.786	15606.00	0.0091	P	1.5
8	☐	1000.000	993.822	30440.62	0.0178	P	1.5
9	☐			85.80	0.0001	P	10.6

$$y = 1.7856E-005 * x + 4.4253E-005$$

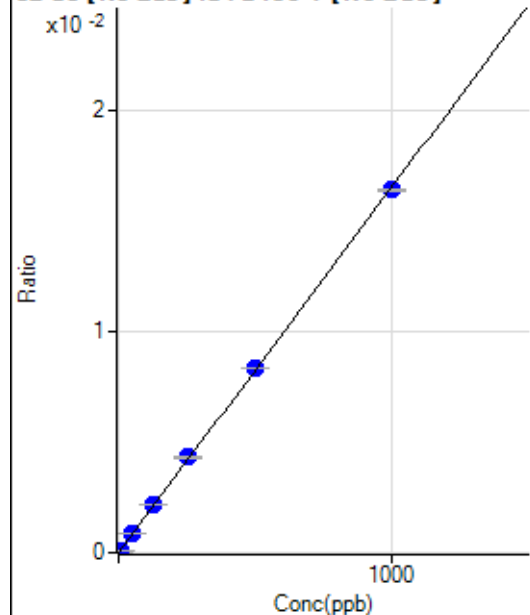
$$R = 0.9999$$

$$DL = 1.284$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-4.12	0.0000	P	-1980.
2	☐	0.500					
3	☐	5.000	5.194	989.98	0.0001	P	1.1
4	☐	50.000	52.692	9962.03	0.0009	P	2.1
5	☐	125.000	131.711	24411.86	0.0022	P	1.2
6	☐	250.000	261.175	46711.03	0.0043	P	0.9
7	☐	500.000	505.211	91296.59	0.0083	P	0.6
8	☐	1000.000	993.626	180951.50	0.0164	P	0.7
9	☐			233.96	0.0000	P	17.9

$$y = 1.6512E-005 * x - 2.7484E-007$$

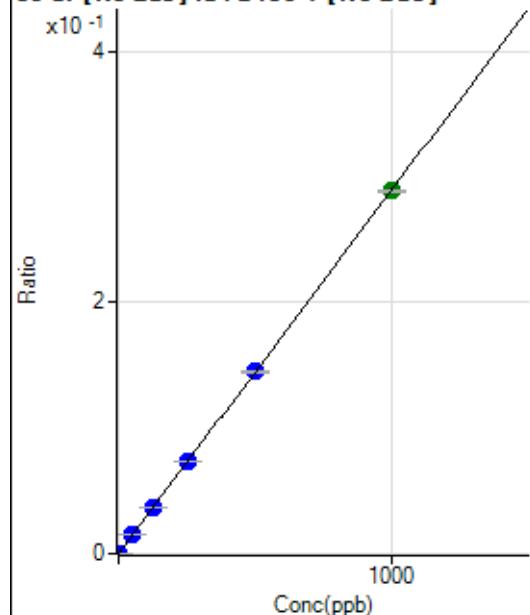
$$R = 0.9999$$

$$DL = 0.9887$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	697.27	0.0001	P	20.1
2	☐	0.100					
3	☐	1.000	0.992	3995.16	0.0003	P	2.0
4	☐	50.000	51.600	171744.70	0.0150	P	1.0
5	☐	125.000	126.872	412896.28	0.0368	P	0.3
6	☐	250.000	254.571	798825.89	0.0737	P	0.7
7	☐	500.000	500.344	1585676.89	0.1449	P	0.8
8	☐	1000.000	998.371	3187993.17	0.2890	A	0.2
9	☐			14905.55	0.0015	P	2.5

$$y = 2.8945E-004 * x + 5.7935E-005$$

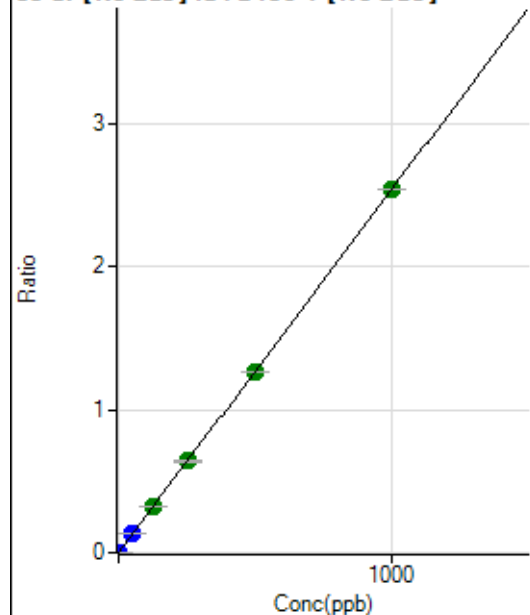
$$R = 1.0000$$

$$DL = 0.1204$$

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	136.12	0.0000	P	36.9
2	☐	0.100					
3	☐	1.000	0.992	29233.36	0.0025	P	1.2
4	☐	50.000	50.871	1476232.73	0.1289	P	0.2
5	☐	125.000	125.653	3573289.62	0.3183	A	0.4
6	☐	250.000	251.893	6912301.98	0.6381	A	0.6
7	☐	500.000	499.114	13838061.25	1.2644	A	0.1
8	☐	1000.000	999.845	27936023.19	2.5328	A	0.2
9	☐			126174.89	0.0130	P	0.7

$$y = 0.0025 * x + 1.1341E-005$$

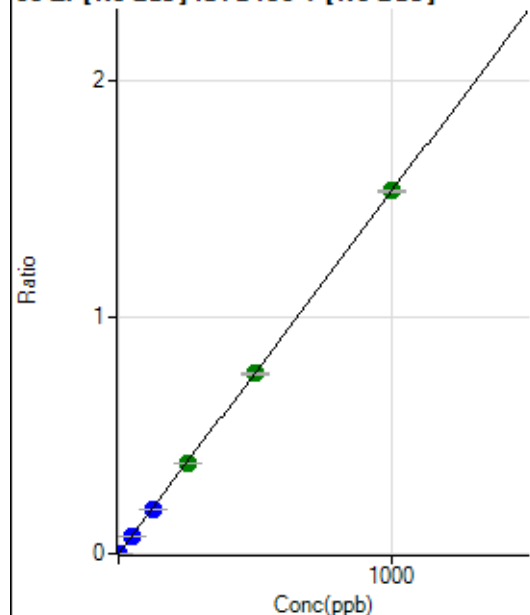
$$R = 1.0000$$

$$DL = 0.004959$$

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	930.62	0.0001	P	7.9
2	☐	0.100					
3	☐	1.000	0.990	18454.14	0.0016	P	1.8
4	☐	50.000	50.154	880609.46	0.0769	P	0.4
5	☐	125.000	124.254	2136786.00	0.1903	P	0.4
6	☐	250.000	250.806	4161243.84	0.3841	A	0.1
7	☐	500.000	496.813	8327270.41	0.7609	A	0.2
8	☐	1000.000	1001.478	16915490.83	1.5337	A	0.4
9	☐			5267.86	0.0005	P	6.1

$$y = 0.0015 * x + 7.7386E-005$$

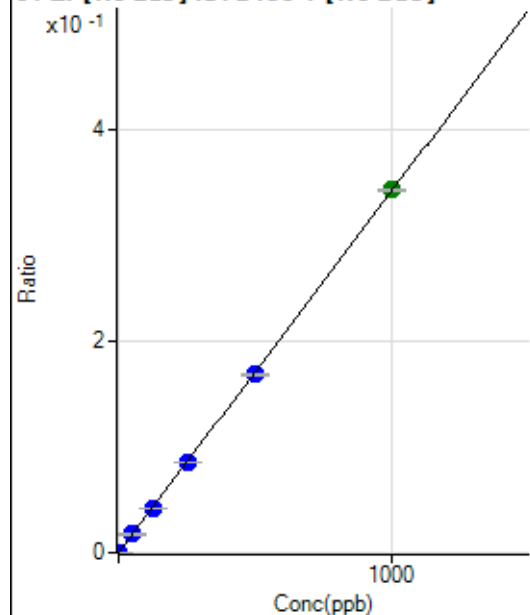
$$R = 1.0000$$

$$DL = 0.01196$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	216.68	0.0000	P	25.2
2	☐	0.100					
3	☐	1.000	0.976	4070.20	0.0004	P	5.4
4	☐	50.000	50.629	198433.25	0.0173	P	1.0
5	☐	125.000	124.715	478752.50	0.0426	P	0.3
6	☐	250.000	250.456	927566.83	0.0856	P	0.8
7	☐	500.000	492.405	1842335.24	0.1683	P	0.4
8	☐	1000.000	1003.688	3784212.24	0.3431	A	0.5
9	☐			1202.88	0.0001	P	12.0

$$y = 3.4182E-004 * x + 1.7953E-005$$

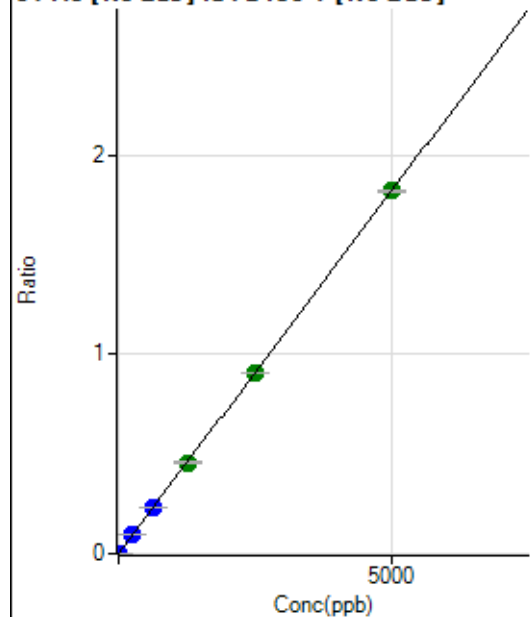
$$R = 1.0000$$

$$DL = 0.03978$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	350.02	0.0000	P	24.1
2	☐	0.500					
3	☐	5.000	4.988	21375.07	0.0018	P	0.9
4	☐	250.000	253.478	1057819.54	0.0923	P	0.1
5	☐	625.000	625.823	2559065.49	0.2280	P	0.3
6	☐	1250.000	1257.363	4960995.94	0.4580	A	1.1
7	☐	2500.000	2493.698	9940711.25	0.9083	A	0.6
8	☐	5000.000	5001.034	20090009.30	1.8215	A	0.4
9	☐			24285.40	0.0025	P	3.1

$$y = 3.6421\text{E-}004 * x + 2.9024\text{E-}005$$

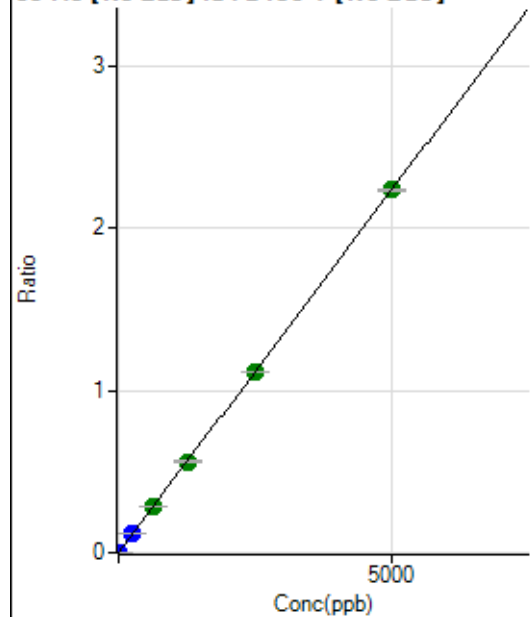
$$R = 1.0000$$

$$DL = 0.05754$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.22	0.0000	P	38.0
2	☐	0.500					
3	☐	5.000	4.952	25682.40	0.0022	P	1.8
4	☐	250.000	253.744	1299425.16	0.1134	P	0.4
5	☐	625.000	624.221	3132786.55	0.2791	A	0.3
6	☐	1250.000	1257.379	6089235.12	0.5621	A	0.8
7	☐	2500.000	2490.622	12186504.27	1.1135	A	0.5
8	☐	5000.000	5002.754	24668108.36	2.2365	A	0.3
9	☐			38912.34	0.0040	P	3.3

$$y = 4.4706\text{E-}004 * x + 3.9373\text{E-}006$$

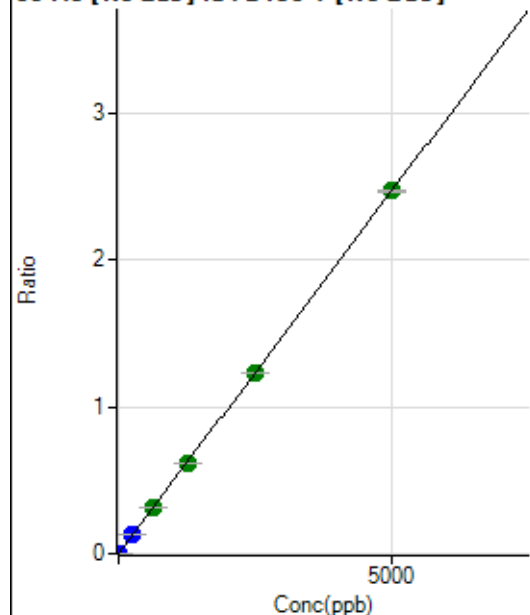
$$R = 1.0000$$

$$DL = 0.01004$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	130.56	0.0000	P	45.1
2	☐	0.500					
3	☐	5.000	4.846	27844.80	0.0024	P	0.7
4	☐	250.000	252.635	1429428.10	0.1248	P	0.2
5	☐	625.000	626.592	3474307.67	0.3095	A	0.2
6	☐	1250.000	1250.709	6691868.03	0.6178	A	0.6
7	☐	2500.000	2487.943	13449338.67	1.2288	A	0.6
8	☐	5000.000	5005.520	27268605.47	2.4723	A	0.2
9	☐			51543.85	0.0053	P	1.9

$$y = 4.9392\text{E-}004 * x + 1.0790\text{E-}005$$

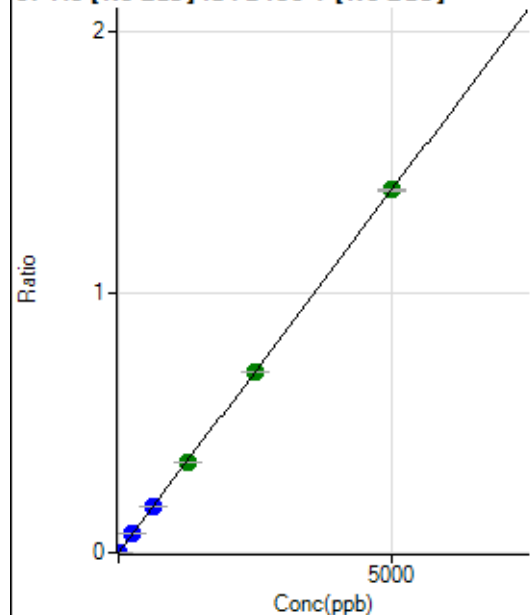
$$R = 1.0000$$

$$DL = 0.02953$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.11	0.0000	P	56.3
2	☐	0.500					
3	☐	5.000	4.812	15542.47	0.0013	P	1.4
4	☐	250.000	254.104	810065.42	0.0707	P	0.5
5	☐	625.000	627.808	1961421.88	0.1747	P	0.1
6	☐	1250.000	1252.368	3775549.35	0.3485	A	0.8
7	☐	2500.000	2489.013	7581352.78	0.6927	A	0.7
8	☐	5000.000	5004.346	15360988.89	1.3927	A	0.7
9	☐			24502.34	0.0025	P	1.1

$$y = 2.7830\text{E-}004 * x + 2.9809\text{E-}006$$

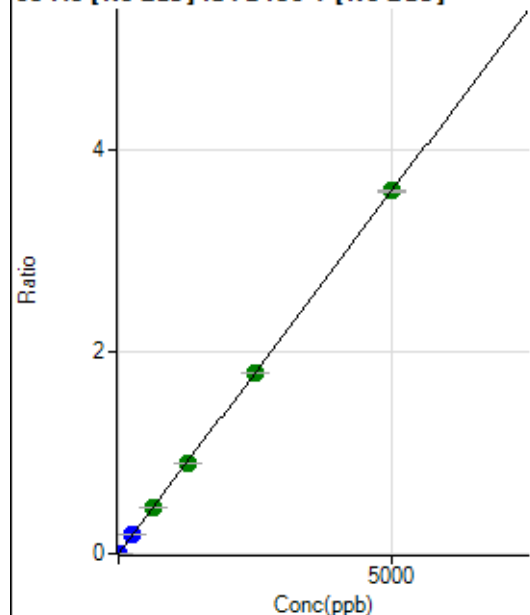
$$R = 1.0000$$

$$DL = 0.01811$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.45	0.0000	P	19.6
2	☐	0.500					
3	☐	5.000	4.869	40536.22	0.0035	P	1.7
4	☐	250.000	253.209	2081746.68	0.1817	P	0.3
5	☐	625.000	625.686	5041317.52	0.4491	A	0.2
6	☐	1250.000	1250.242	9720537.72	0.8973	A	0.4
7	☐	2500.000	2491.442	19571017.45	1.7882	A	0.5
8	☐	5000.000	5003.972	39612426.23	3.5915	A	0.5
9	☐			62758.99	0.0065	P	2.6

$$y = 7.1773\text{E-}004 * x + 5.7805\text{E-}006$$

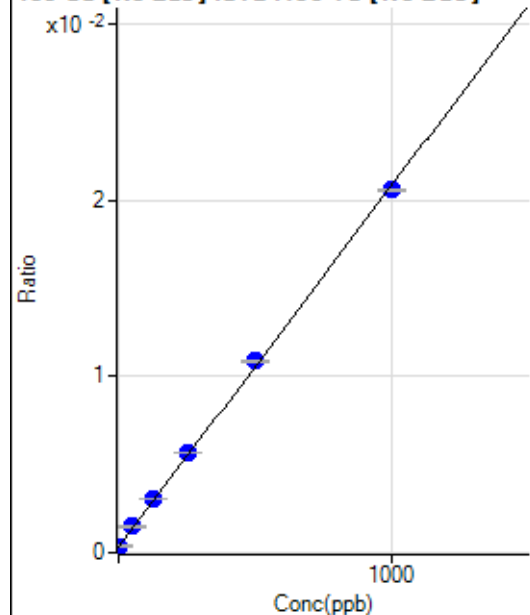
$$R = 1.0000$$

$$DL = 0.004734$$

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	5034.45	0.0003	P	2.8
2	☐	0.100					
3	☐	1.000	2.457	5537.48	0.0004	P	4.1
4	☐	50.000	55.776	21408.56	0.0015	P	0.7
5	☐	125.000	133.325	43754.70	0.0031	P	1.4
6	☐	250.000	261.558	79949.86	0.0057	P	1.2
7	☐	500.000	513.865	153494.94	0.0108	P	0.8
8	☐	1000.000	988.847	295097.12	0.0206	P	0.2
9	☐			4356.42	0.0003	P	10.9

$$y = 2.0465\text{E-}005 * x + 3.3106\text{E-}004$$

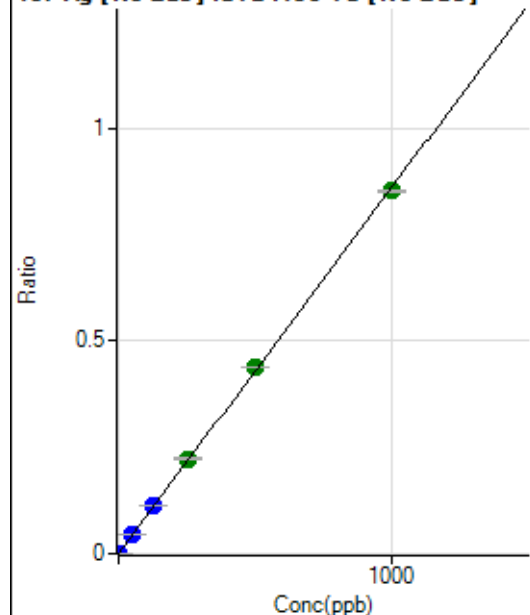
$$R = 0.9998$$

$$DL = 1.353$$

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	83.34	0.0000	P	16.7
2	☐	0.100					
3	☐	1.000	1.076	13515.26	0.0009	P	0.7
4	☐	50.000	54.431	680847.66	0.0468	P	0.4
5	☐	125.000	133.124	1637758.01	0.1145	P	0.2
6	☐	250.000	259.605	3141446.82	0.2233	A	0.7
7	☐	500.000	509.219	6198871.53	0.4381	A	0.3
8	☐	1000.000	991.752	12240782.57	0.8532	A	0.2
9	☐			2353.09	0.0002	P	8.2

$$y = 8.6025\text{E-}004 * x + 5.4780\text{E-}006$$

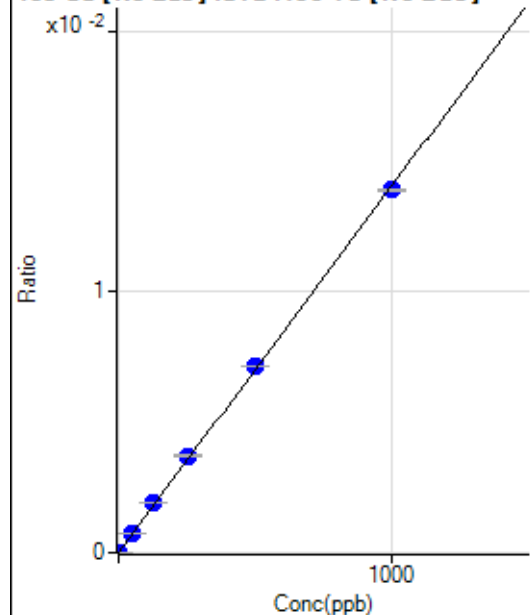
$$R = 0.9999$$

$$DL = 0.003192$$

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	9.72	0.0000	P	50.4
2	☐	0.100					
3	☐	1.000	1.085	230.56	0.0000	P	7.5
4	☐	50.000	54.588	11151.81	0.0008	P	1.4
5	☐	125.000	134.803	27073.33	0.0019	P	1.0
6	☐	250.000	264.343	52214.10	0.0037	P	1.3
7	☐	500.000	509.303	101195.33	0.0072	P	0.4
8	☐	1000.000	990.308	199494.48	0.0139	P	0.6
9	☐			108.34	0.0000	P	17.7

$$y = 1.4040\text{E-}005 * x + 6.4341\text{E-}007$$

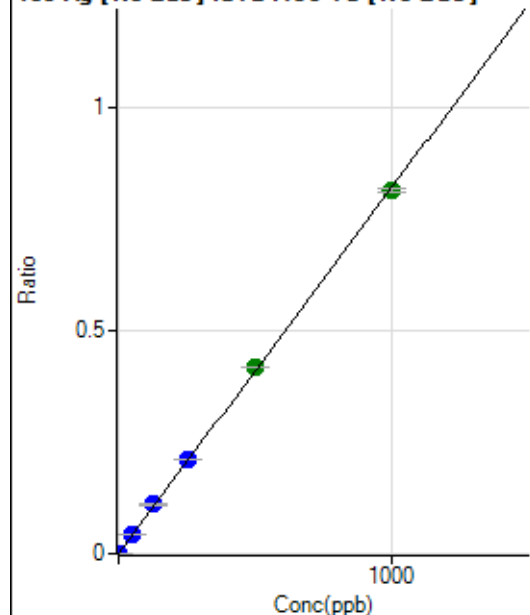
$$R = 0.9998$$

$$DL = 0.06931$$

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	47.22	0.0000	P	72.7
2	☐	0.100					
3	☐	1.000	1.082	12917.52	0.0009	P	3.8
4	☐	50.000	54.545	649876.65	0.0447	P	0.3
5	☐	125.000	134.105	1571469.98	0.1099	P	0.9
6	☐	250.000	257.825	2971854.90	0.2113	P	1.2
7	☐	500.000	509.741	5910890.45	0.4177	A	0.3
8	☐	1000.000	991.808	11660496.88	0.8127	A	1.2
9	☐			2153.03	0.0002	P	8.0

$$y = 8.1945\text{E-}004 * x + 3.0876\text{E-}006$$

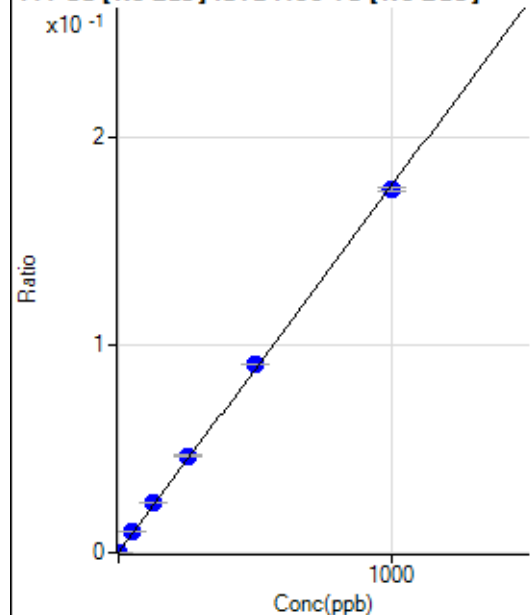
$$R = 0.9999$$

$$DL = 0.008223$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2012.53	0.0001	P	3.0
2	☐	0.100					
3	☐	1.000	1.112	4777.53	0.0003	P	2.3
4	☐	50.000	54.703	142584.06	0.0098	P	0.4
5	☐	125.000	135.130	343644.02	0.0240	P	1.2
6	☐	250.000	263.292	656865.37	0.0467	P	0.7
7	☐	500.000	512.940	1285596.95	0.0909	P	0.1
8	☐	1000.000	988.705	2510687.62	0.1750	P	1.0
9	☐			2520.94	0.0002	P	6.7

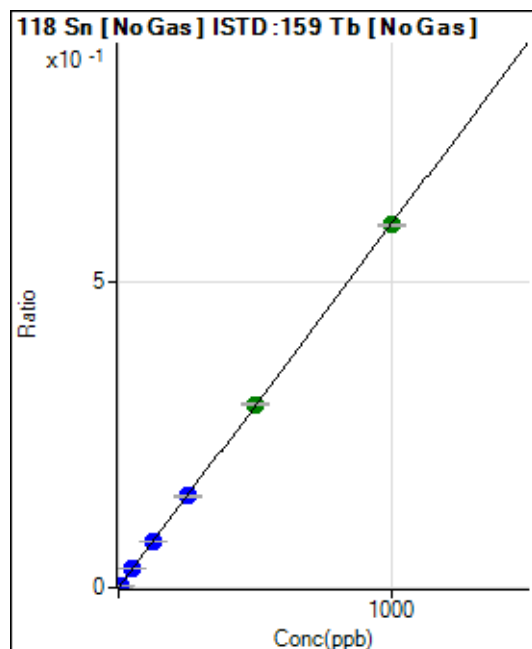
$$y = 1.7686\text{E-}004 * x + 1.3234\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.06762$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1570.03	0.0001	P	26.9
2	☐	0.500					
3	☐	5.000	4.989	44476.81	0.0031	P	2.5
4	☐	50.000	52.248	452095.30	0.0311	P	0.2
5	☐	125.000	128.295	1089734.22	0.0762	P	0.4
6	☐	250.000	251.542	2100268.38	0.1493	P	0.7
7	☐	500.000	503.826	4230498.66	0.2990	A	0.7
8	☐	1000.000	997.177	8488197.33	0.5916	A	0.5
9	☐			36428.81	0.0029	P	1.9

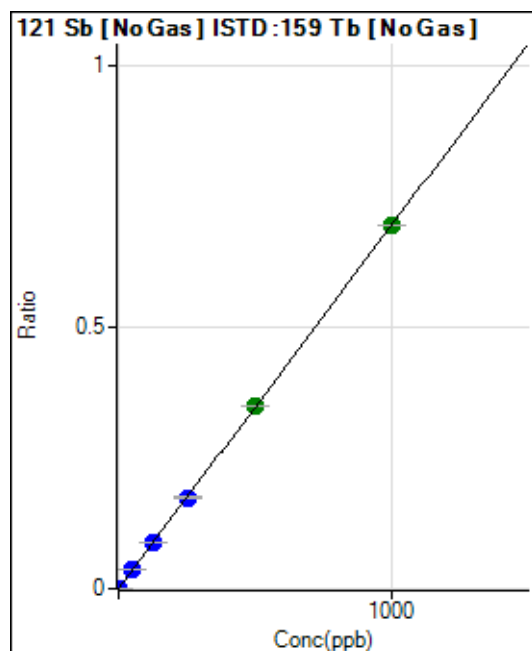
$$y = 5.9318\text{E-}004 * x + 1.0339\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.1406$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	41.67	0.0000	P	20.4
2	☐	0.200					
3	☐	2.000	1.929	19516.98	0.0013	P	1.6
4	☐	50.000	51.424	519844.72	0.0358	P	0.7
5	☐	125.000	127.630	1268991.57	0.0887	P	0.4
6	☐	250.000	250.400	2448871.84	0.1741	P	1.1
7	☐	500.000	501.990	4938839.65	0.3490	A	0.5
8	☐	1000.000	998.505	9960497.01	0.6942	A	0.1
9	☐			16671.69	0.0013	P	2.4

$$y = 6.9526\text{E-}004 * x + 2.7417\text{E-}006$$

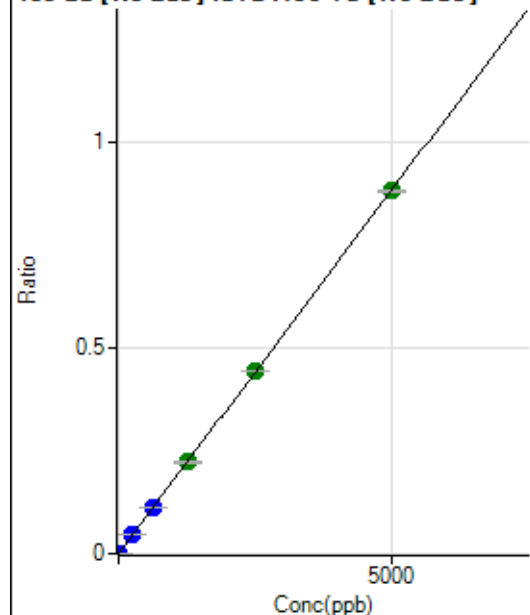
$$R = 1.0000$$

$$DL = 0.002409$$

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	22.22	0.0000	P	109.1
2	☐	1.000					
3	☐	10.000	9.671	24861.87	0.0017	P	2.1
4	☐	250.000	258.363	664451.00	0.0457	P	0.5
5	☐	625.000	636.548	1610114.37	0.1126	P	0.6
6	☐	1250.000	1257.376	3128469.54	0.2224	A	1.1
7	☐	2500.000	2509.416	6281156.57	0.4439	A	0.5
8	☐	5000.000	4991.587	12668075.89	0.8829	A	0.3
9	☐			3525.62	0.0003	P	8.5

$$y = 1.7688\text{E-}004 * x + 1.4719\text{E-}006$$

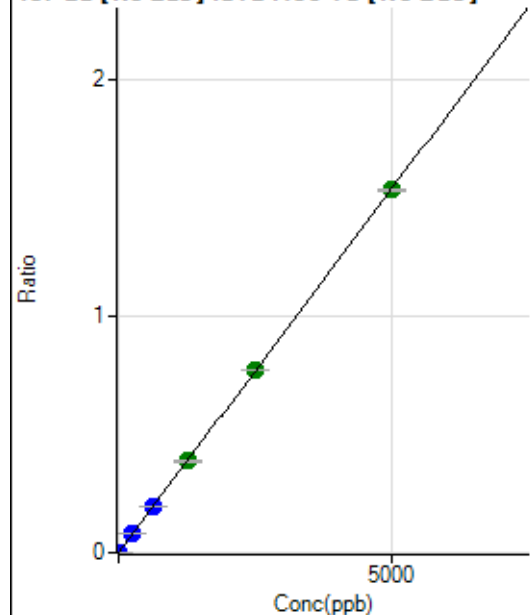
$$R = 1.0000$$

$$DL = 0.02723$$

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	36.11	0.0000	P	36.3
2	☐	1.000					
3	☐	10.000	9.826	43956.66	0.0030	P	0.7
4	☐	250.000	257.621	1153042.97	0.0793	P	0.5
5	☐	625.000	635.685	2798329.34	0.1957	P	0.7
6	☐	1250.000	1256.911	5442599.95	0.3869	A	1.0
7	☐	2500.000	2514.927	10955371.08	0.7742	A	0.3
8	☐	5000.000	4989.092	22035892.85	1.5358	A	0.4
9	☐			6187.78	0.0005	P	5.3

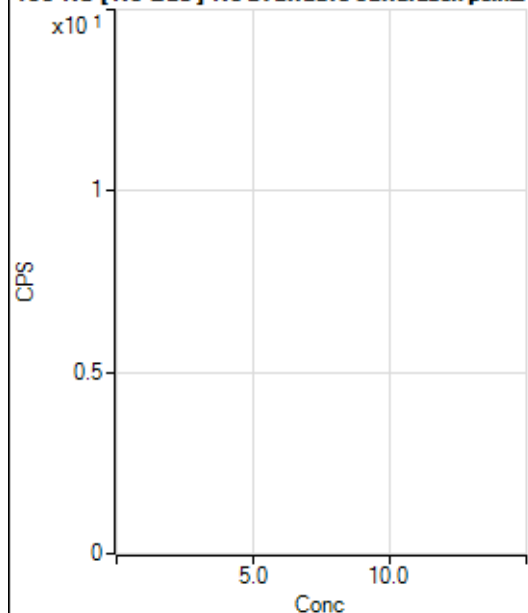
$$y = 3.0784\text{E-}004 * x + 2.3828\text{E-}006$$

$$R = 1.0000$$

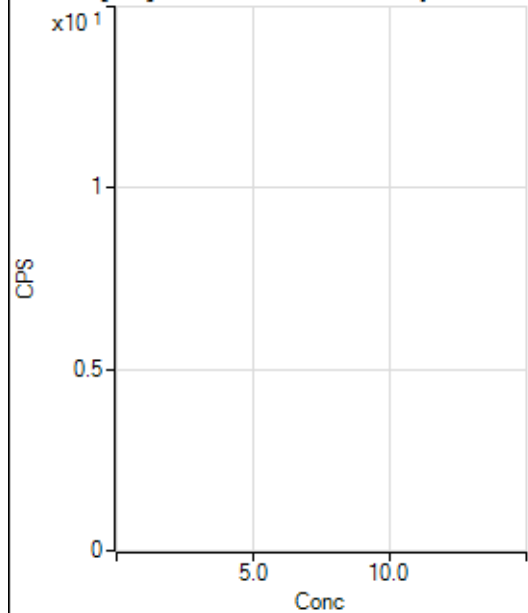
$$DL = 0.00844$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.0
2	☐						
3	☐			0.00		P	
4	☐			66.67		P	34.6
5	☐			200.01		P	20.3
6	☐			351.13		P	14.7
7	☐			651.15		P	3.0
8	☐			1164.53		P	7.4
9	☐			122.23		P	20.7

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			3.33		P	100.1
4	☐			10.00		P	88.2
5	☐			20.00		P	33.4
6	☐			26.66		P	21.7
7	☐			83.34		P	28.8
8	☐			141.11		P	10.7
9	☐			60.00		P	0.0

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	0.0
2	☐						
3	☐			5.56		P	173.2
4	☐			16.67		P	50.0
5	☐			30.56		P	56.8
6	☐			72.23		P	13.3
7	☐			177.79		P	21.7
8	☐			205.56		P	10.2
9	☐			102.78		P	20.4

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			7.78		P	24.7
4	☐			15.56		P	12.4
5	☐			35.55		P	10.8
6	☐			66.67		P	15.0
7	☐			118.89		P	30.0
8	☐			190.00		P	15.2
9	☐			51.11		P	44.4

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

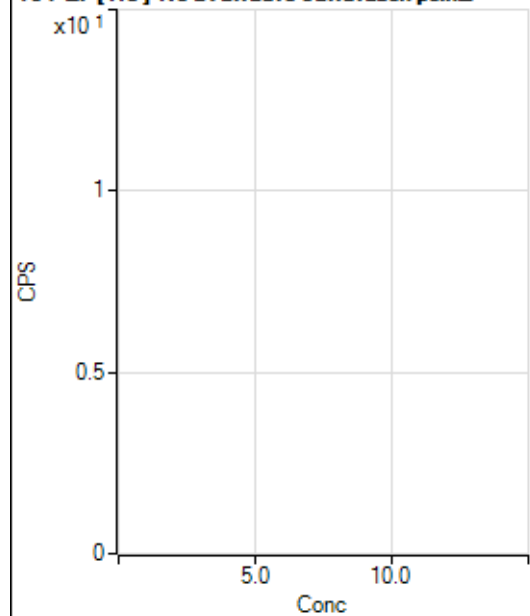
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			72.23		P	37.1
2	☐						
3	☐			75.00		P	11.1
4	☐			77.78		P	22.3
5	☐			105.56		P	22.8
6	☐			69.45		P	36.7
7	☐			161.12		P	31.6
8	☐			172.23		P	61.3
9	☐			158.34		P	10.5

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			215.56		P	17.0
2	☐						
3	☐			191.12		P	28.4
4	☐			245.56		P	8.3
5	☐			197.78		P	27.0
6	☐			217.78		P	7.9
7	☐			247.78		P	10.4
8	☐			256.67		P	7.2
9	☐			207.79		P	5.2

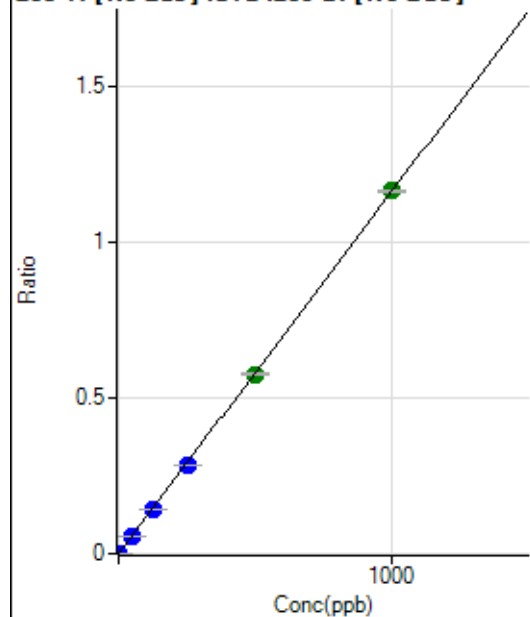
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.67		P	69.3
2	☐						
3	☐			55.56		P	37.8
4	☐			36.11		P	26.7
5	☐			38.89		P	75.3
6	☐			52.78		P	24.1
7	☐			55.56		P	75.5
8	☐			86.12		P	48.7
9	☐			52.78		P	32.9

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17.78		P	28.6
2	☐						
3	☐			28.89		P	17.6
4	☐			23.33		P	14.3
5	☐			24.45		P	15.8
6	☐			32.22		P	31.6
7	☐			33.33		P	26.4
8	☐			44.44		P	17.3
9	☐			28.89		P	26.6

203 Tl [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	27.1
2	☐	0.100					
3	☐	1.000	0.954	10493.50	0.0011	P	2.0
4	☐	50.000	49.408	538034.69	0.0573	P	0.9
5	☐	125.000	123.304	1325002.38	0.1430	P	0.6
6	☐	250.000	244.711	2613698.10	0.2838	P	0.6
7	☐	500.000	496.907	5278435.92	0.5763	A	0.4
8	☐	1000.000	1003.111	10478219.42	1.1634	A	0.2
9	☐			5882.12	0.0008	P	9.4

$$y = 0.0012 * x + 4.4861E-006$$

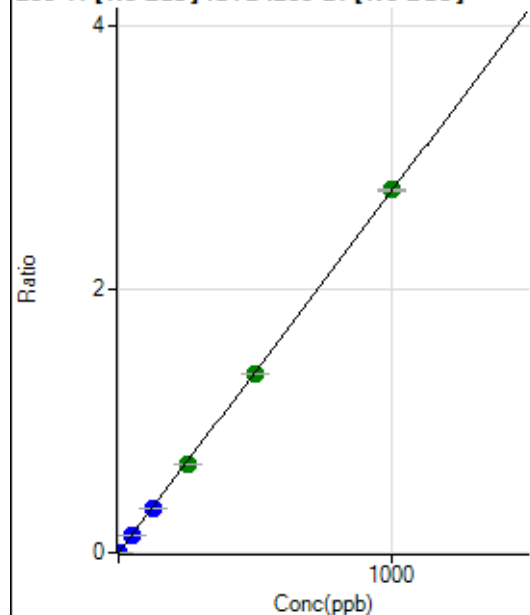
$$R = 1.0000$$

$$DL = 0.00314$$

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	147.23	0.0000	P	3.2
2	☐	0.100					
3	☐	1.000	0.970	25308.29	0.0027	P	0.2
4	☐	50.000	49.790	1284146.06	0.1368	P	0.5
5	☐	125.000	123.620	3146172.88	0.3396	P	0.4
6	☐	250.000	246.306	6230577.05	0.6766	A	0.4
7	☐	500.000	495.039	12454150.45	1.3598	A	0.6
8	☐	1000.000	1003.587	24827970.17	2.7568	A	0.4
9	☐			14394.44	0.0019	P	5.6

$$y = 0.0027 * x + 1.4899E-005$$

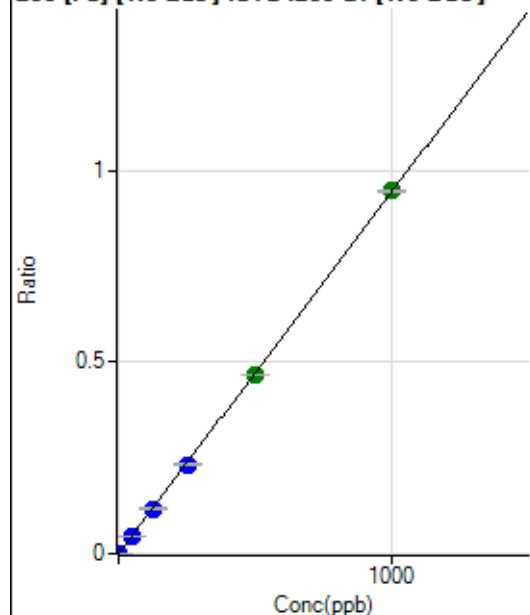
$$R = 1.0000$$

$$DL = 0.0005247$$

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	377.79	0.0000	P	10.5
2	☐	0.100					
3	☐	1.000	0.950	8838.34	0.0009	P	2.2
4	☐	50.000	49.790	441718.58	0.0471	P	0.4
5	☐	125.000	124.918	1093113.46	0.1180	P	0.6
6	☐	250.000	246.494	2143626.05	0.2328	P	0.9
7	☐	500.000	494.651	4277927.84	0.4671	A	0.6
8	☐	1000.000	1003.572	8534469.93	0.9476	A	0.2
9	☐			48341.81	0.0065	P	1.1

$$y = 9.4421\text{E-}004 * x + 3.8199\text{E-}005$$

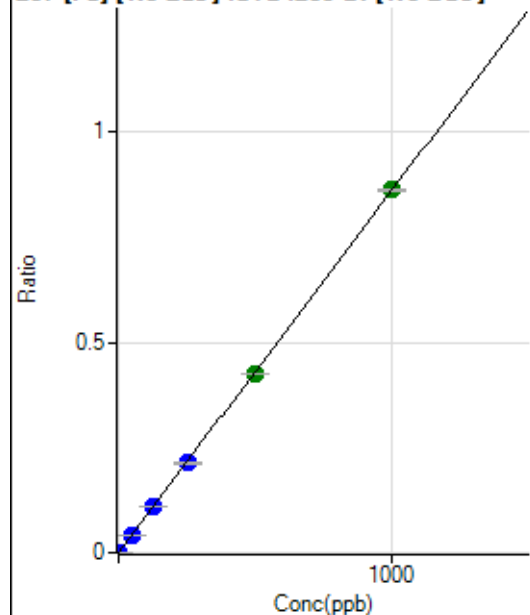
$$R = 1.0000$$

$$DL = 0.01278$$

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	348.16	0.0000	P	8.4
2	☐	0.100					
3	☐	1.000	0.966	8180.52	0.0009	P	2.6
4	☐	50.000	50.021	403921.81	0.0430	P	0.2
5	☐	125.000	125.114	996540.25	0.1076	P	0.0
6	☐	250.000	248.139	1964155.11	0.2133	P	0.8
7	☐	500.000	494.720	3894310.91	0.4252	A	0.4
8	☐	1000.000	1003.090	7764266.96	0.8621	A	0.3
9	☐			41149.19	0.0055	P	1.0

$$y = 8.5942\text{E-}004 * x + 3.5237\text{E-}005$$

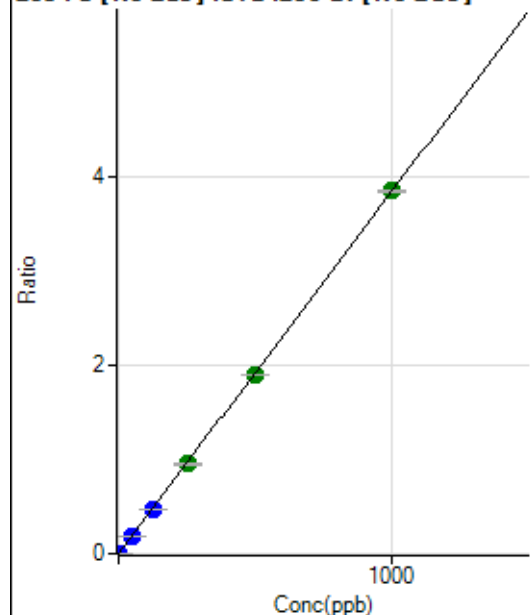
$$R = 1.0000$$

$$DL = 0.01036$$

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	1624.52	0.0002	P	18.1
2	☐	0.100					
3	☐	1.000	0.955	36259.17	0.0038	P	1.5
4	☐	50.000	49.922	1804617.06	0.1922	P	0.3
5	☐	125.000	124.640	4444109.73	0.4797	P	0.1
6	☐	250.000	247.253	8761039.88	0.9514	A	0.9
7	☐	500.000	495.294	17452950.77	1.9056	A	0.4
8	☐	1000.000	1003.089	34756394.70	3.8592	A	0.2
9	☐			190824.65	0.0257	P	0.6

$$y = 0.0038 * x + 1.6410E-004$$

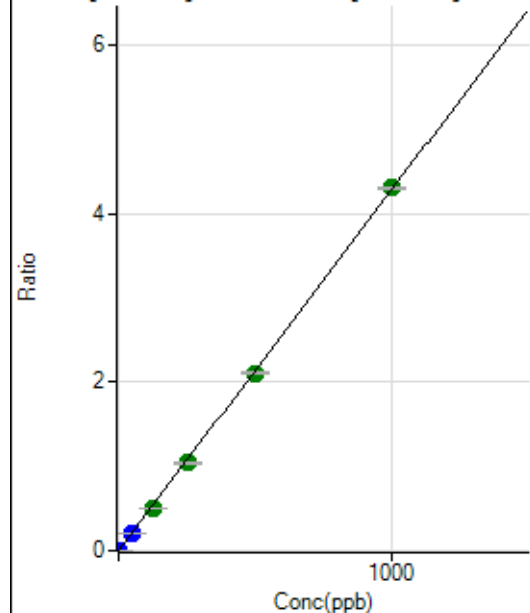
$$R = 1.0000$$

$$DL = 0.0232$$

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	52.78	0.0000	P	40.7
2	☐	0.100					
3	☐	1.000	0.905	36697.22	0.0039	P	1.5
4	☐	50.000	47.471	1909561.30	0.2034	P	0.6
5	☐	125.000	119.501	4743777.28	0.5120	A	0.3
6	☐	250.000	243.146	9593232.51	1.0418	A	0.7
7	☐	500.000	493.130	19351034.63	2.1128	A	0.2
8	☐	1000.000	1005.962	38817230.73	4.3101	A	0.2
9	☐			8108.44	0.0011	P	7.4

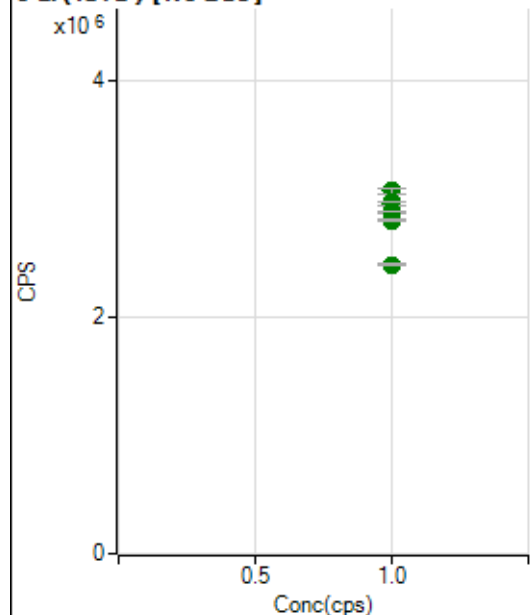
$$y = 0.0043 * x + 5.3493E-006$$

$$R = 0.9999$$

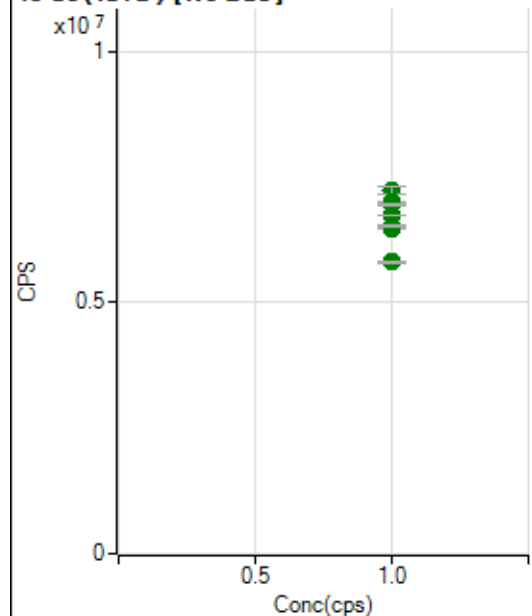
$$DL = 0.001523$$

Weight: <None>

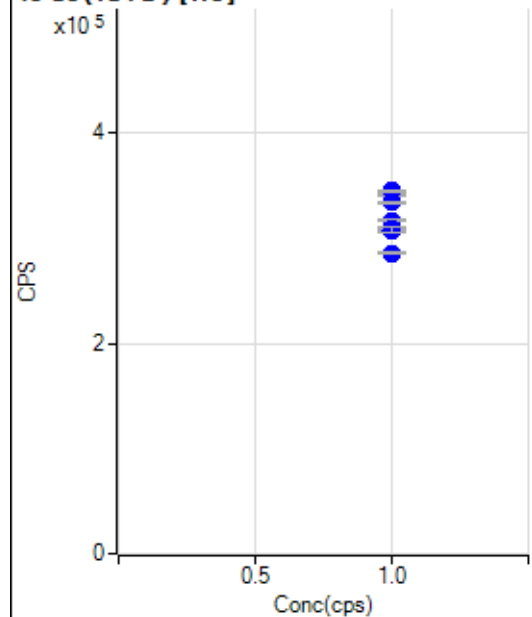
Min Conc: 0

6 Li (ISTD) [No Gas]

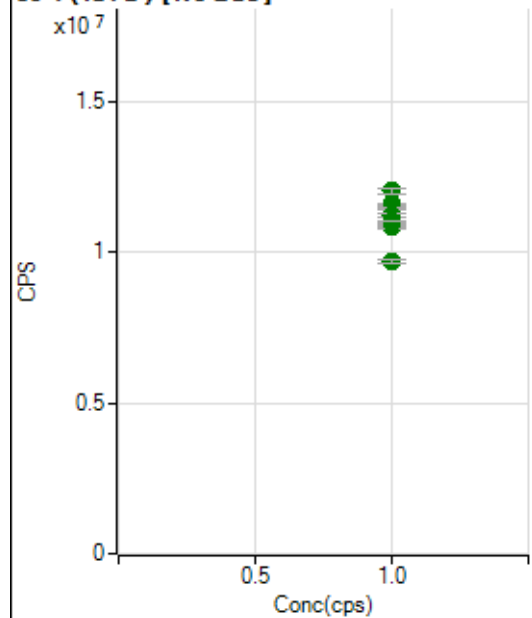
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		3069956.38		A	1.3
2	☐	1.000					
3	☐	1.000		2962881.73		A	0.9
4	☐	1.000		2980309.71		A	0.4
5	☐	1.000		2956959.02		A	0.9
6	☐	1.000		2881393.40		A	0.5
7	☐	1.000		2895401.76		A	0.1
8	☐	1.000		2821646.38		A	0.4
9	☐	1.000		2444116.41		A	0.5

45 Sc (ISTD) [No Gas]

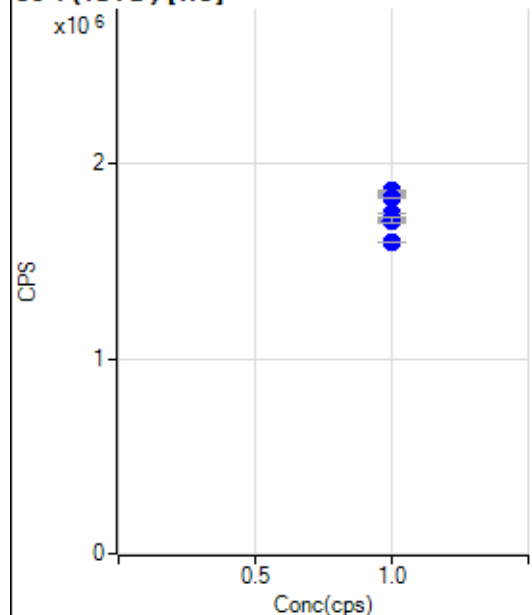
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		7217172.99		A	2.2
2	☐	1.000					
3	☐	1.000		7004249.55		A	0.2
4	☐	1.000		6948198.94		A	0.5
5	☐	1.000		6733196.68		A	0.1
6	☐	1.000		6496915.94		A	0.6
7	☐	1.000		6480223.63		A	0.6
8	☐	1.000		6519167.33		A	0.4
9	☐	1.000		5799992.18		A	0.9

45 Sc (ISTD) [He]

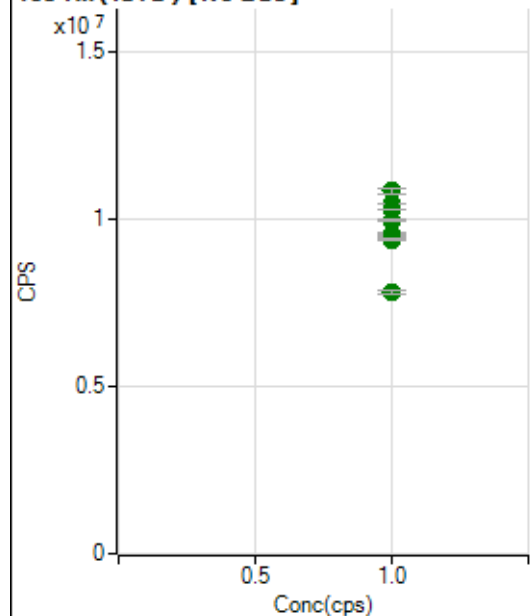
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		341281.89		P	0.4
2	☐	1.000					
3	☐	1.000		344791.19		P	0.3
4	☐	1.000		333908.38		P	0.6
5	☐	1.000		316740.05		P	0.3
6	☐	1.000		307233.29		P	0.5
7	☐	1.000		308887.31		P	0.5
8	☐	1.000		307418.16		P	1.9
9	☐	1.000		285541.49		P	0.6

89 Y (ISTD) [No Gas]

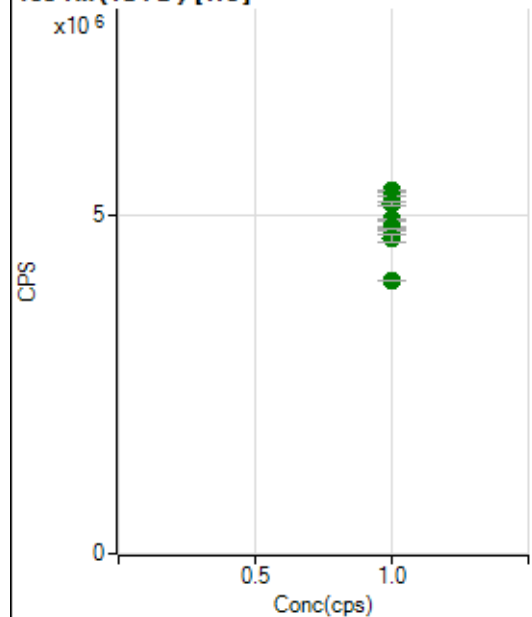
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		12036458.99		A	1.9
2	☐	1.000					
3	☐	1.000		11580017.05		A	0.6
4	☐	1.000		11454584.83		A	0.5
5	☐	1.000		11225838.30		A	0.8
6	☐	1.000		10832671.37		A	0.4
7	☐	1.000		10944646.92		A	0.2
8	☐	1.000		11029634.14		A	0.4
9	☐	1.000		9676529.09		A	1.4

89 Y (ISTD) [He]

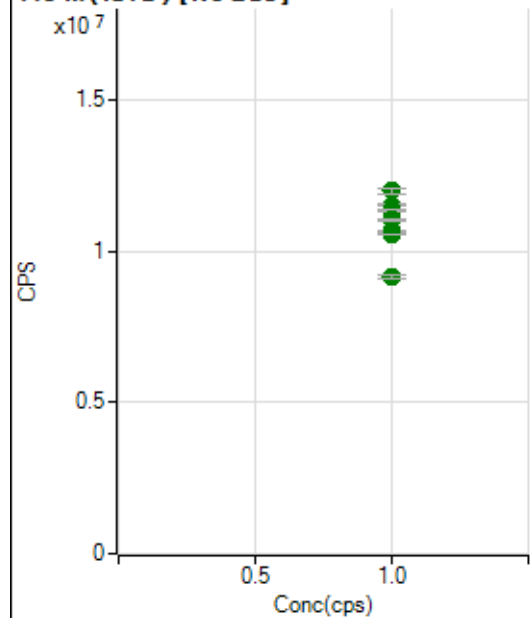
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1841558.22		P	0.1
2	☐	1.000					
3	☐	1.000		1862857.75		P	0.2
4	☐	1.000		1828589.14		P	0.3
5	☐	1.000		1745652.33		P	0.2
6	☐	1.000		1712436.57		P	0.1
7	☐	1.000		1716237.08		P	0.6
8	☐	1.000		1711361.93		P	1.9
9	☐	1.000		1603476.30		P	0.1

103 Rh (ISTD) [No Gas]

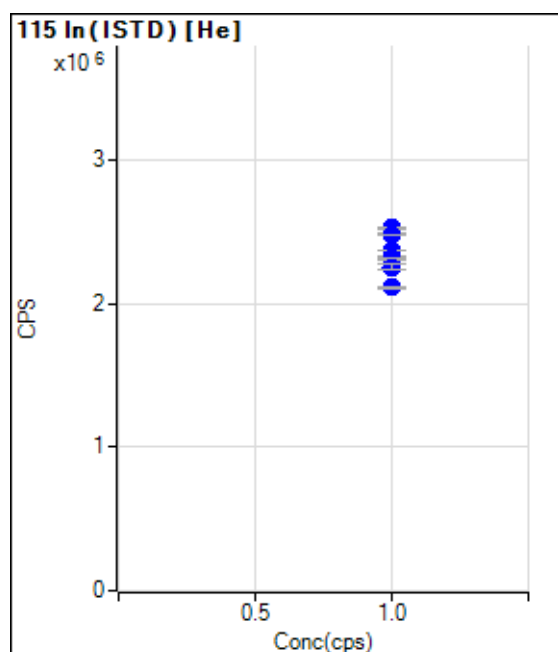
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		10822457.79		A	1.9
2	☐	1.000					
3	☐	1.000		10450245.89		A	0.4
4	☐	1.000		10276387.47		A	0.4
5	☐	1.000		9935181.13		A	0.8
6	☐	1.000		9531510.02		A	0.7
7	☐	1.000		9439825.99		A	0.2
8	☐	1.000		9368168.26		A	0.5
9	☐	1.000		7811569.97		A	1.4

103 Rh (ISTD) [He]

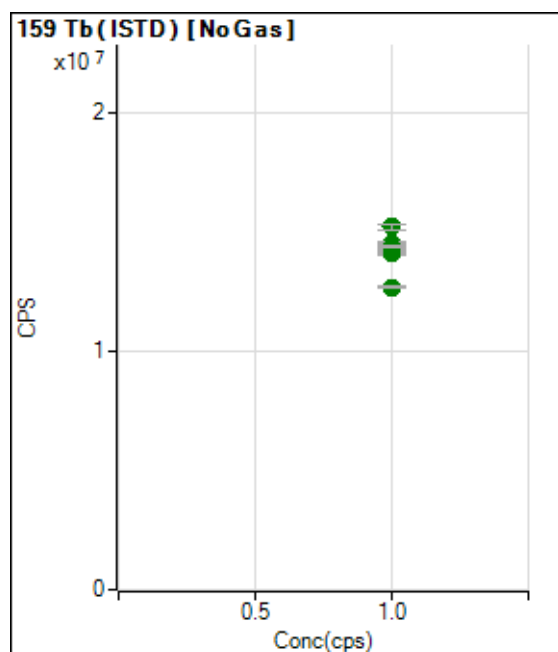
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		5350662.21		A	0.4
2	☐	1.000					
3	☐	1.000		5280686.17		A	0.3
4	☐	1.000		5162422.35		A	0.8
5	☐	1.000		4930423.71		A	0.4
6	☐	1.000		4821024.96		A	0.3
7	☐	1.000		4765433.65		A	0.6
8	☐	1.000		4642533.65		A	2.6
9	☐	1.000		4034872.61		A	0.2

115 In (ISTD) [No Gas]

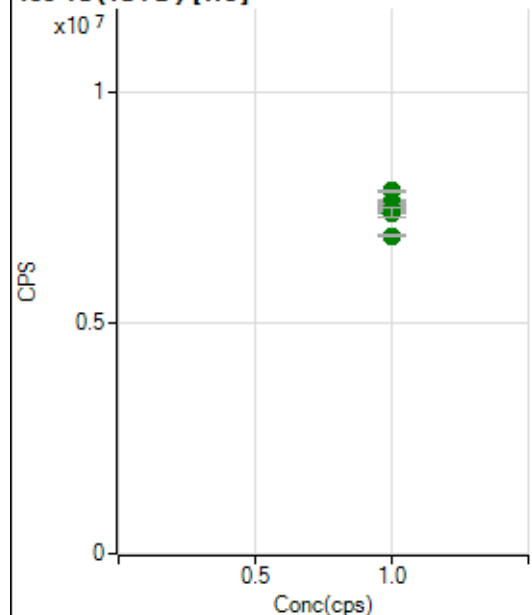
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		11996426.72		A	1.6
2	☐	1.000					
3	☐	1.000		11531264.14		A	0.3
4	☐	1.000		11351524.01		A	0.2
5	☐	1.000		11035719.00		A	0.8
6	☐	1.000		10669473.63		A	0.5
7	☐	1.000		10681337.05		A	0.4
8	☐	1.000		10565764.46		A	0.3
9	☐	1.000		9151738.92		A	1.6



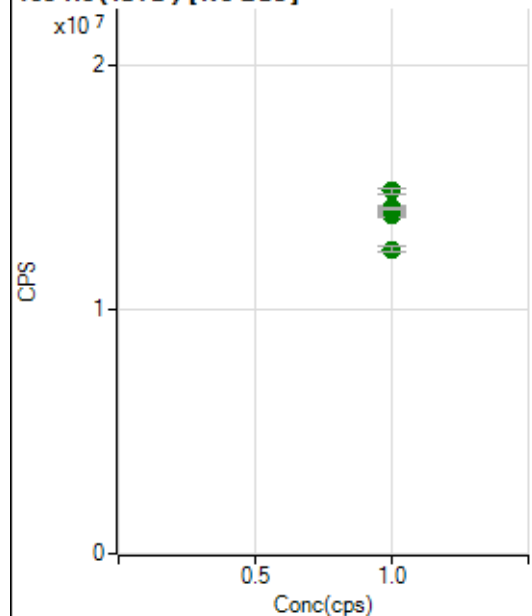
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2488296.74		P	0.2
2	☐	1.000					
3	☐	1.000		2526522.63		P	0.7
4	☐	1.000		2477084.03		P	0.4
5	☐	1.000		2370956.93		P	0.3
6	☐	1.000		2323296.47		P	0.3
7	☐	1.000		2309883.61		P	0.5
8	☐	1.000		2253025.54		P	2.0
9	☐	1.000		2111709.82		P	0.6



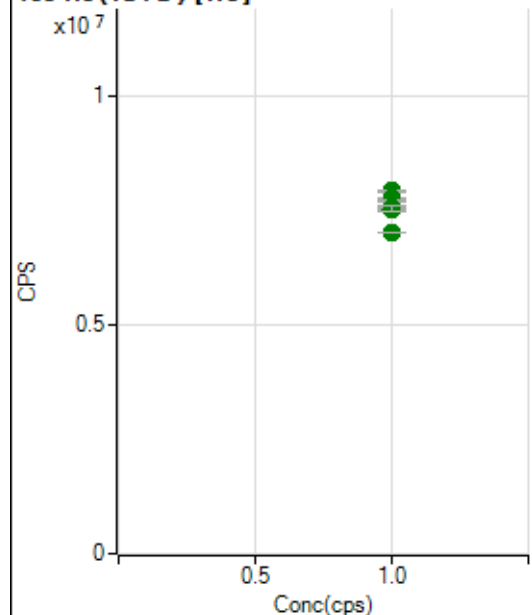
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		15202208.25		A	1.8
2	☐	1.000					
3	☐	1.000		14521281.31		A	0.3
4	☐	1.000		14538825.34		A	0.4
5	☐	1.000		14300287.71		A	0.8
6	☐	1.000		14066502.99		A	0.4
7	☐	1.000		14150686.46		A	0.1
8	☐	1.000		14347643.54		A	0.5
9	☐	1.000		12681764.81		A	0.9

159 Tb (ISTD) [He]

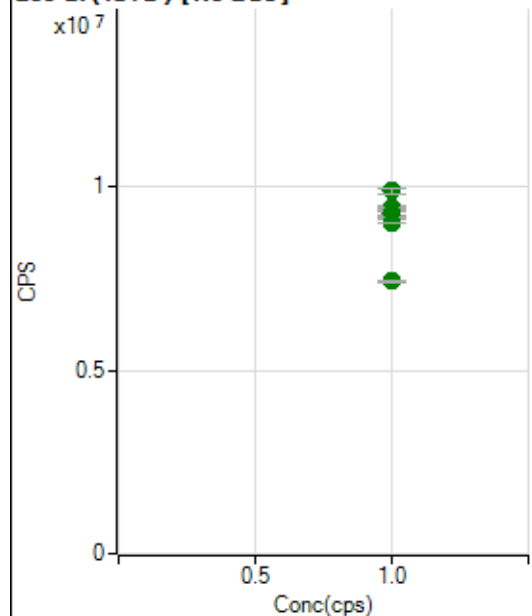
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		7862908.91		A	0.5
2	☐	1.000					
3	☐	1.000		7639018.43		A	0.4
4	☐	1.000		7566675.79		A	0.5
5	☐	1.000		7441999.19		A	0.3
6	☐	1.000		7376869.06		A	0.4
7	☐	1.000		7442566.49		A	0.4
8	☐	1.000		7394101.21		A	2.5
9	☐	1.000		6886818.65		A	0.4

165 Ho (ISTD) [No Gas]

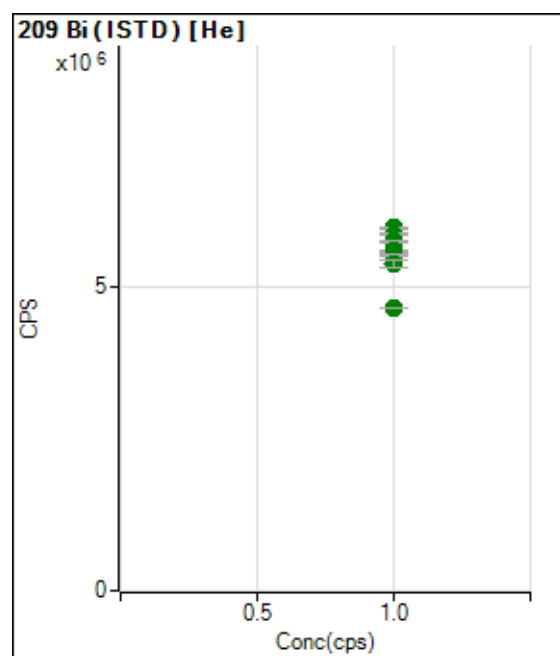
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		14852547.21		A	1.8
2	☐	1.000					
3	☐	1.000		14207583.48		A	0.3
4	☐	1.000		14177212.30		A	0.1
5	☐	1.000		14011243.37		A	0.6
6	☐	1.000		13823760.72		A	0.5
7	☐	1.000		13977190.94		A	0.4
8	☐	1.000		14130844.41		A	0.4
9	☐	1.000		12474898.98		A	1.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		7929926.69		A	0.4
2	☐	1.000					
3	☐	1.000		7780599.89		A	0.3
4	☐	1.000		7692999.75		A	0.5
5	☐	1.000		7548404.12		A	0.0
6	☐	1.000		7538853.29		A	0.3
7	☐	1.000		7579139.47		A	0.3
8	☐	1.000		7536682.66		A	2.0
9	☐	1.000		7015427.26		A	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		9882489.16		A	1.7
2	☐	1.000					
3	☐	1.000		9449600.48		A	0.4
4	☐	1.000		9388246.25		A	0.3
5	☐	1.000		9264949.79		A	0.8
6	☐	1.000		9208833.20		A	0.6
7	☐	1.000		9158748.68		A	0.6
8	☐	1.000		9006172.78		A	0.3
9	☐	1.000		7420982.53		A	1.2



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		5955963.94		A	0.2
2	☐	1.000					
3	☐	1.000		5848245.05		A	0.6
4	☐	1.000		5733062.14		A	0.3
5	☐	1.000		5584515.68		A	0.3
6	☐	1.000		5542902.49		A	0.2
7	☐	1.000		5503826.24		A	0.2
8	☐	1.000		5359349.58		A	2.1
9	☐	1.000		4640464.10		A	0.2

US EPA Tune Check Sample Report

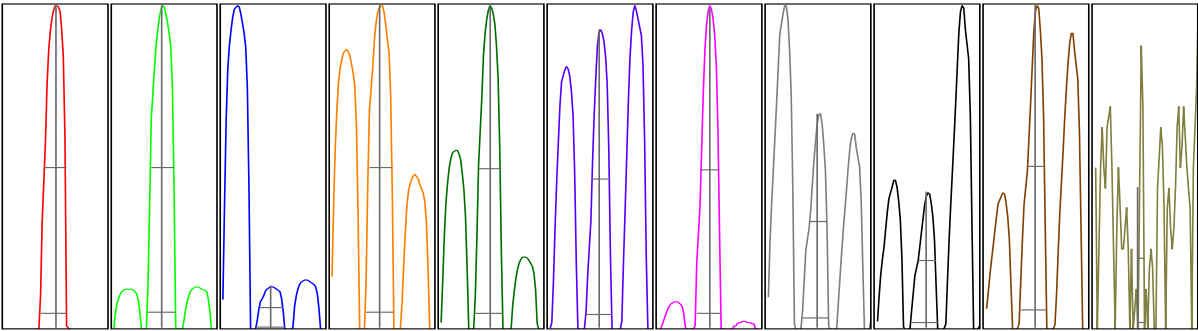
Batch Folder D:\ICP-MS Data\P7080318-MS .bb
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	10941	1.88	5.00	
24	525358	1.39	5.00	
25	70239	1.50	5.00	
26	81101	1.49	5.00	
59	92822	1.19	5.00	
113	12865	1.00	5.00	
115	165845	4.19	5.00	
206	36728	1.18	5.00	
207	33675	1.08	5.00	
208	79422	1.67	5.00	
220	0	24.49		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	10648	10827	10984	11079	11166
24	515232	520914	526647	531736	532261
25	68816	69551	70453	70956	71421
26	79408	80311	81472	82064	82247
59	91141	92337	93163	93761	93708
113	12986	12999	12857	12788	12698
115	174051	170547	167125	159711	157792
206	36016	36659	36918	36914	37135
207	33251	33371	33863	33751	34141
208	77313	79072	79772	80243	80710
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	18145	9.05	8.9 - 9.1		0.774	0.900	
24	822506	23.95	23.9 - 24.1		0.826	0.900	
25	108920	24.95	24.9 - 25.1		0.831	0.900	
26	126086	25.95	25.9 - 26.1		0.829	0.900	
59	157145	59.00	58.9 - 59.1		0.816	0.900	
113	25194	113.00	112.9 - 113.1		0.746	0.900	
115	315800	115.05	114.9 - 115.1		0.732	0.900	
206	71981	206.00	205.9 - 206.1		0.766	0.900	
207	65848	207.00	206.9 - 207.1		0.775	0.900	
208	156531	208.00	207.9 - 208.1		0.776	0.900	
220	0	219.80	-		0.196		

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

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.7	V	Deflect	15.0	V
Extract 2	-115.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-55	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	25743	0.27	
89	48151	0.17	
205	33530	0.55	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	25708	25794	25791	25639	25784
89	48133	48275	48102	48177	48070
205	33238	33692	33647	33465	33608

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.6	V	Deflect	2.2	V
Extract 2	-135.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-65	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	4.1	mL/min	OctP RF	190	V			

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:13:04	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.02	0.05	-0.03	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.03	0.00	0.03	0.00	N/A	ppb
Barium	135-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.04	0.14	-0.09	0.00	N/A	ppb
Boron	11-1	-0.02	0.01	0.01	0.00	N/A	ppb
Cadmium	111-1	-0.01	0.03	-0.02	0.00	N/A	ppb
Cadmium	106-1	-0.11	0.50	-0.38	0.00	N/A	ppb
Cadmium	108-1	0.01	-0.03	0.01	0.00	N/A	ppb
Calcium	43-1	1.39	-1.65	0.26	0.00	N/A	ppb
Calcium	44-1	0.21	-0.15	-0.06	0.00	N/A	ppb
Chromium	52-2	0.00	0.00	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.03	-0.03	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				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.01	-0.01	-0.01	0.00	N/A	ppb
Iron	57-2	0.18	-0.82	0.64	0.00	N/A	ppb
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.06	0.05	-0.11	0.00	N/A	ppb
Manganese	55-2	-0.01	0.02	-0.01	0.00	N/A	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:13:04	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.02	0.01	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-3.33	-0.80	-7.55	-3.89		ppb
Potassium	39-2	-1.61	1.85	-0.24	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.45	-0.40	-0.06	0.00	N/A	ppb
Selenium	82-1	0.20	-0.38	0.19	0.00	N/A	ppb
Silicon	28-1	0.58	0.03	-0.61	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	0.08	-0.25	0.17	0.00	N/A	ppb
Strontium	86-1	0.04	0.00	-0.04	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	6.72	-404.51	-115.66	-171.15		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.04	-0.02	0.05	0.00	N/A	ppb
Titanium	47-1	-0.03	0.04	-0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.11	0.07	0.04	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:13:04	DataFile Name :	003CALB.d

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

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:21:25	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.98	18.75	20.35	19.36	4.45	ppb
Antimony	121-1	1.93	1.90	1.96	1.93	1.57	ppb
Arsenic	75-2	0.99	1.10	0.88	0.99	11.01	ppb
Barium	135-1	9.68	9.46	9.86	9.67	2.07	ppb
Barium	137-1	9.75	9.89	9.84	9.83	0.70	ppb
Beryllium	9-1	1.08	1.06	1.07	1.07	1.14	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Boron	10-1	23.04	23.71	22.86	23.20	1.92	ppb
Boron	11-1	23.95	24.32	23.94	24.07	0.90	ppb
Cadmium	111-1	1.07	1.12	1.15	1.11	3.84	ppb
Cadmium	106-1	1.77	2.32	3.29	2.46	31.36	ppb
Cadmium	108-1	0.99	1.10	1.16	1.09	7.82	ppb
Calcium	43-1	497.21	473.72	478.29	483.07	2.58	ppb
Calcium	44-1	470.20	470.24	470.81	470.42	0.07	ppb
Chromium	52-2	2.04	2.04	2.11	2.06	2.04	ppb
Cobalt	59-2	1.02	0.97	1.01	1.00	2.65	ppb
Copper	63-2	2.02	2.09	2.04	2.05	1.82	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				96		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				102		%
Iron	56-2	51.54	51.56	51.28	51.46	0.30	ppb
Iron	57-2	54.61	52.11	56.18	54.30	3.77	ppb
Lead	206-1	0.97	0.93	0.96	0.95	2.26	ppb
Lead	207-1	1.00	0.95	0.95	0.97	2.67	ppb
Lead	208-1	0.97	0.96	0.94	0.95	1.56	ppb
Lithium	6-1				97		%
Magnesium	24-2	489.81	479.51	487.70	485.67	1.12	ppb
Manganese	55-2	1.01	1.04	0.92	0.99	6.29	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:21:25	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.00	4.94	5.03	4.99	0.87	ppb
Molybdenum	95-1	4.91	5.06	4.90	4.95	1.81	ppb
Molybdenum	96-1	4.85	4.88	4.81	4.85	0.72	ppb
Molybdenum	97-1	4.83	4.74	4.87	4.81	1.39	ppb
Molybdenum	98-1	4.92	4.77	4.91	4.87	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.02	1.01	1.05	4.77	ppb
Phosphorus	31-2	5.78	-1.05	6.95	3.89	110.90	ppb
Potassium	39-2	487.41	492.63	480.14	486.73	1.29	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				101		%
Selenium	77-2	5.73	4.74	7.44	5.97	22.86	ppb
Selenium	78-2	6.30	4.88	5.93	5.70	12.88	ppb
Selenium	82-1	5.13	5.21	5.24	5.19	1.13	ppb
Silicon	28-1	16.54	15.94	16.30	16.26	1.86	ppb
Silver	109-1	1.10	1.03	1.11	1.08	3.83	ppb
Silver	107-1	1.07	1.08	1.08	1.08	0.69	ppb
Sodium	23-2	497.73	492.24	494.05	494.67	0.57	ppb
Strontium	86-1	1.02	0.98	0.98	0.99	2.46	ppb
Strontium	88-1	0.98	0.99	1.00	0.99	1.18	ppb
Sulfur	34-1	125.72	214.14	173.59	171.15	25.86	ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	0.93	0.97	0.96	0.95	2.02	ppb
Thallium	205-1	0.97	0.97	0.97	0.97	0.22	ppb
Tin	118-1	4.91	4.92	5.14	4.99	2.57	ppb
Titanium	47-1	5.10	4.92	4.78	4.93	3.22	ppb
Uranium	238-1	0.92	0.89	0.91	0.91	1.47	ppb
Vanadium	51-2	4.85	4.80	4.81	4.82	0.58	ppb
Yttrium	89-1				96		%
Yttrium	89-2				101		%
Zinc	66-2	1.66	1.76	1.75	1.72	3.29	ppb
Zirconium	90-1	0.99	1.01	0.97	0.99	1.88	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:21:25	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.91	1.02	1.00	0.98	5.66	ppb

LB Number : LB97116 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-03 12:25:18 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1012.71	1026.16	1025.69	1021.52	0.75	ppb
Antimony	121-1	51.25	51.21	51.82	51.42	0.66	ppb
Arsenic	75-2	52.23	51.60	51.38	51.74	0.85	ppb
Barium	135-1	257.55	257.74	259.80	258.36	0.48	ppb
Barium	137-1	257.32	256.64	258.90	257.62	0.45	ppb
Beryllium	9-1	53.56	53.35	54.00	53.64	0.61	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Boron	10-1	51.29	50.34	50.80	50.81	0.93	ppb
Boron	11-1	51.40	52.69	52.35	52.14	1.28	ppb
Cadmium	111-1	54.49	54.90	54.72	54.70	0.37	ppb
Cadmium	106-1	55.92	56.17	55.24	55.78	0.87	ppb
Cadmium	108-1	55.47	54.10	54.19	54.59	1.41	ppb
Calcium	43-1	5013.38	5106.53	5020.02	5046.64	1.03	ppb
Calcium	44-1	4982.72	5001.12	5001.66	4995.17	0.22	ppb
Chromium	52-2	51.65	51.79	51.52	51.66	0.26	ppb
Cobalt	59-2	51.72	51.72	51.97	51.80	0.28	ppb
Copper	63-2	106.67	105.33	106.74	106.24	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				95		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				100		%
Iron	56-2	2653.13	2638.95	2641.73	2644.61	0.28	ppb
Iron	57-2	2641.38	2633.60	2626.52	2633.84	0.28	ppb
Lead	206-1	49.55	49.82	49.99	49.79	0.44	ppb
Lead	207-1	49.98	50.13	49.95	50.02	0.20	ppb
Lead	208-1	49.73	50.03	50.01	49.92	0.33	ppb
Lithium	6-1				97		%
Magnesium	24-2	5280.91	5272.16	5307.04	5286.70	0.34	ppb
Manganese	55-2	101.51	101.92	100.43	101.29	0.76	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:25:18	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	253.78	253.44	253.21	253.48	0.11	ppb
Molybdenum	95-1	253.99	252.57	254.66	253.74	0.42	ppb
Molybdenum	96-1	253.17	252.25	252.48	252.64	0.19	ppb
Molybdenum	97-1	254.95	252.74	254.62	254.10	0.47	ppb
Molybdenum	98-1	253.98	252.45	253.19	253.21	0.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.02	52.62	53.18	52.94	0.54	ppb
Phosphorus	31-2	1079.66	1079.49	985.25	1048.13	5.20	ppb
Potassium	39-2	2596.19	2583.30	2596.53	2592.01	0.29	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	77-2	53.21	60.71	43.78	52.57	16.15	ppb
Selenium	78-2	55.26	51.00	52.32	52.86	4.13	ppb
Selenium	82-1	52.64	51.62	53.81	52.69	2.08	ppb
Silicon	28-1	58.24	59.99	59.08	59.10	1.49	ppb
Silver	109-1	54.69	54.36	54.59	54.54	0.31	ppb
Silver	107-1	54.66	54.37	54.26	54.43	0.38	ppb
Sodium	23-2	5277.47	5255.09	5289.37	5273.98	0.33	ppb
Strontium	86-1	51.12	51.57	52.11	51.60	0.95	ppb
Strontium	88-1	50.78	50.88	50.96	50.87	0.18	ppb
Sulfur	34-1	1303.57	1386.85	1203.26	1297.89	7.08	ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	49.09	49.23	49.91	49.41	0.88	ppb
Thallium	205-1	49.71	49.59	50.07	49.79	0.50	ppb
Tin	118-1	52.35	52.11	52.29	52.25	0.24	ppb
Titanium	47-1	255.97	257.20	254.62	255.93	0.50	ppb
Uranium	238-1	47.17	47.69	47.56	47.47	0.57	ppb
Vanadium	51-2	51.13	50.74	50.58	50.82	0.56	ppb
Yttrium	89-1				95		%
Yttrium	89-2				99		%
Zinc	66-2	104.82	106.99	105.45	105.75	1.06	ppb
Zirconium	90-1	50.29	49.93	50.24	50.15	0.39	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:25:18	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	50.72	50.09	51.08	50.63	0.99	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:29:24	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2506.17	2494.78	2491.26	2497.40	0.31	ppb
Antimony	121-1	127.11	127.98	127.80	127.63	0.36	ppb
Arsenic	75-2	126.55	125.95	126.83	126.44	0.36	ppb
Barium	135-1	634.38	634.03	641.24	636.55	0.64	ppb
Barium	137-1	631.78	634.33	640.94	635.69	0.74	ppb
Beryllium	9-1	132.64	131.38	132.09	132.04	0.48	ppb
Bismuth	209-1				94		%
Bismuth	209-2				94		%
Boron	10-1	126.80	129.66	129.17	128.54	1.19	ppb
Boron	11-1	123.83	127.23	130.50	127.19	2.62	ppb
Cadmium	111-1	133.30	136.20	135.89	135.13	1.18	ppb
Cadmium	106-1	133.43	135.44	131.11	133.32	1.62	ppb
Cadmium	108-1	134.75	133.50	136.16	134.80	0.99	ppb
Calcium	43-1	12584.27	12585.88	12657.71	12609.29	0.33	ppb
Calcium	44-1	12509.40	12391.54	12387.46	12429.47	0.56	ppb
Chromium	52-2	126.48	127.24	125.22	126.32	0.81	ppb
Cobalt	59-2	128.11	128.25	127.34	127.90	0.38	ppb
Copper	63-2	260.58	260.41	259.58	260.19	0.21	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				94		%
Holmium	165-2				95		%
Indium	115-1				92		%
Indium	115-2				95		%
Iron	56-2	6604.13	6558.35	6533.72	6565.40	0.54	ppb
Iron	57-2	6631.85	6588.44	6582.10	6600.80	0.41	ppb
Lead	206-1	125.04	124.12	125.60	124.92	0.60	ppb
Lead	207-1	125.11	125.12	125.11	125.11	0.01	ppb
Lead	208-1	124.73	124.47	124.73	124.64	0.12	ppb
Lithium	6-1				96		%
Magnesium	24-2	13205.76	13121.89	13061.86	13129.83	0.55	ppb
Manganese	55-2	249.45	251.34	248.53	249.77	0.57	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:29:24	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	624.09	627.48	625.90	625.82	0.27	ppb
Molybdenum	95-1	622.11	626.29	624.26	624.22	0.33	ppb
Molybdenum	96-1	625.31	626.48	627.99	626.59	0.21	ppb
Molybdenum	97-1	628.42	627.31	627.70	627.81	0.09	ppb
Molybdenum	98-1	626.42	626.06	624.57	625.69	0.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.34	130.44	129.83	130.53	0.58	ppb
Phosphorus	31-2	2557.37	2451.97	2479.15	2496.16	2.19	ppb
Potassium	39-2	6335.59	6325.71	6294.99	6318.76	0.34	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	77-2	128.78	121.32	125.38	125.16	2.99	ppb
Selenium	78-2	129.09	133.63	131.92	131.55	1.74	ppb
Selenium	82-1	132.01	133.06	130.07	131.71	1.15	ppb
Silicon	28-1	143.87	145.43	143.52	144.27	0.71	ppb
Silver	109-1	133.08	133.88	135.35	134.11	0.86	ppb
Silver	107-1	132.95	133.44	132.99	133.12	0.20	ppb
Sodium	23-2	13089.24	13081.90	12961.14	13044.10	0.55	ppb
Strontium	86-1	127.14	126.40	127.07	126.87	0.32	ppb
Strontium	88-1	125.43	125.28	126.25	125.65	0.42	ppb
Sulfur	34-1	2801.56	2897.15	2783.79	2827.50	2.16	ppb
Terbium	159-1				94		%
Terbium	159-2				95		%
Thallium	203-1	123.63	122.45	123.82	123.30	0.60	ppb
Thallium	205-1	123.42	123.22	124.22	123.62	0.43	ppb
Tin	118-1	128.02	127.99	128.87	128.30	0.39	ppb
Titanium	47-1	630.68	637.58	632.80	633.69	0.56	ppb
Uranium	238-1	119.07	119.86	119.57	119.50	0.33	ppb
Vanadium	51-2	125.70	125.43	124.91	125.34	0.32	ppb
Yttrium	89-1				93		%
Yttrium	89-2				95		%
Zinc	66-2	264.12	260.49	260.77	261.79	0.77	ppb
Zirconium	90-1	124.19	123.83	124.73	124.25	0.37	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:29:24	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	124.87	124.27	125.01	124.71	0.31	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:33:11	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4962.85	5027.49	4979.42	4989.92	0.67	ppb
Antimony	121-1	248.30	249.54	253.36	250.40	1.05	ppb
Arsenic	75-2	250.93	252.18	252.11	251.74	0.28	ppb
Barium	135-1	1244.57	1254.97	1272.59	1257.38	1.13	ppb
Barium	137-1	1246.91	1252.04	1271.78	1256.91	1.04	ppb
Beryllium	9-1	257.51	262.45	260.75	260.24	0.96	ppb
Bismuth	209-1				93		%
Bismuth	209-2				93		%
Boron	10-1	250.88	256.30	261.04	256.07	1.98	ppb
Boron	11-1	249.43	254.18	257.59	253.73	1.61	ppb
Cadmium	111-1	261.66	263.04	265.17	263.29	0.67	ppb
Cadmium	106-1	261.69	258.21	264.78	261.56	1.26	ppb
Cadmium	108-1	260.83	267.75	264.45	264.34	1.31	ppb
Calcium	43-1	24838.64	24983.47	25514.39	25112.17	1.42	ppb
Calcium	44-1	24793.20	24799.72	25199.40	24930.77	0.93	ppb
Chromium	52-2	255.92	256.94	254.57	255.81	0.46	ppb
Cobalt	59-2	257.45	255.32	253.21	255.32	0.83	ppb
Copper	63-2	518.41	518.37	514.58	517.12	0.43	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				93		%
Holmium	165-2				95		%
Indium	115-1				89		%
Indium	115-2				93		%
Iron	56-2	13311.46	13241.99	13199.46	13250.97	0.43	ppb
Iron	57-2	13318.54	13279.80	13185.42	13261.26	0.52	ppb
Lead	206-1	245.00	245.57	248.92	246.49	0.86	ppb
Lead	207-1	246.62	247.52	250.28	248.14	0.77	ppb
Lead	208-1	245.69	246.27	249.80	247.25	0.90	ppb
Lithium	6-1				94		%
Magnesium	24-2	26370.17	26311.57	26312.02	26331.26	0.13	ppb
Manganese	55-2	504.25	501.86	499.34	501.82	0.49	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:33:11	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1247.40	1251.71	1272.98	1257.36	1.09	ppb
Molybdenum	95-1	1247.99	1255.96	1268.19	1257.38	0.81	ppb
Molybdenum	96-1	1245.45	1247.98	1258.70	1250.71	0.56	ppb
Molybdenum	97-1	1244.15	1249.73	1263.22	1252.37	0.78	ppb
Molybdenum	98-1	1249.19	1245.28	1256.26	1250.24	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	261.41	258.71	257.98	259.37	0.70	ppb
Phosphorus	31-2	4982.62	4963.56	4982.88	4976.35	0.22	ppb
Potassium	39-2	12621.66	12660.80	12583.82	12622.09	0.30	ppb
Rhodium	103-1				88		%
Rhodium	103-2				90		%
Scandium	45-1				90		%
Scandium	45-2				90		%
Selenium	77-2	232.82	261.21	256.09	250.04	6.05	ppb
Selenium	78-2	257.02	257.00	257.83	257.28	0.18	ppb
Selenium	82-1	258.65	261.92	262.95	261.17	0.86	ppb
Silicon	28-1	279.18	279.83	286.85	281.95	1.51	ppb
Silver	109-1	254.30	258.82	260.36	257.83	1.22	ppb
Silver	107-1	258.40	258.77	261.65	259.61	0.69	ppb
Sodium	23-2	26456.65	26239.80	26164.15	26286.86	0.58	ppb
Strontium	86-1	252.62	254.72	256.37	254.57	0.74	ppb
Strontium	88-1	250.55	251.70	253.43	251.89	0.58	ppb
Sulfur	34-1	5192.01	5073.31	5188.20	5151.17	1.31	ppb
Terbium	159-1				93		%
Terbium	159-2				94		%
Thallium	203-1	244.41	243.43	246.29	244.71	0.60	ppb
Thallium	205-1	245.62	245.99	247.31	246.31	0.36	ppb
Tin	118-1	250.27	250.65	253.71	251.54	0.75	ppb
Titanium	47-1	1239.63	1250.24	1259.14	1249.67	0.78	ppb
Uranium	238-1	244.41	241.28	243.76	243.15	0.68	ppb
Vanadium	51-2	252.00	251.77	250.48	251.42	0.32	ppb
Yttrium	89-1				90		%
Yttrium	89-2				93		%
Zinc	66-2	527.66	526.37	523.73	525.92	0.38	ppb
Zirconium	90-1	250.44	251.01	250.96	250.81	0.13	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:33:11	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	248.67	250.06	252.63	250.46	0.80	ppb

LB Number : LB97116 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-03 12:36:57 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9727.74	9779.36	9818.64	9775.25	0.47	ppb
Antimony	121-1	501.99	499.70	504.27	501.99	0.45	ppb
Arsenic	75-2	503.20	496.71	502.80	500.90	0.73	ppb
Barium	135-1	2513.77	2494.40	2520.07	2509.42	0.53	ppb
Barium	137-1	2522.70	2508.81	2513.27	2514.93	0.28	ppb
Beryllium	9-1	508.39	510.67	502.32	507.13	0.85	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Boron	10-1	499.51	496.92	499.07	498.50	0.28	ppb
Boron	11-1	499.47	494.04	497.25	496.92	0.55	ppb
Cadmium	111-1	512.65	513.13	513.04	512.94	0.05	ppb
Cadmium	106-1	509.27	515.09	517.23	513.87	0.80	ppb
Cadmium	108-1	508.08	508.07	511.76	509.30	0.42	ppb
Calcium	43-1	49751.98	50300.08	50015.46	50022.51	0.55	ppb
Calcium	44-1	49707.98	49477.60	49502.43	49562.67	0.26	ppb
Chromium	52-2	500.04	499.52	502.76	500.77	0.35	ppb
Cobalt	59-2	494.66	496.26	502.63	497.85	0.85	ppb
Copper	63-2	1009.57	1002.95	1017.35	1009.96	0.71	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				94		%
Holmium	165-2				96		%
Indium	115-1				89		%
Indium	115-2				93		%
Iron	56-2	26102.11	26099.61	26257.54	26153.09	0.35	ppb
Iron	57-2	25782.08	25955.81	26039.38	25925.75	0.51	ppb
Lead	206-1	491.23	495.46	497.27	494.65	0.63	ppb
Lead	207-1	492.43	496.35	495.39	494.72	0.41	ppb
Lead	208-1	493.31	496.79	495.78	495.29	0.36	ppb
Lithium	6-1				94		%
Magnesium	24-2	51566.45	51369.54	51795.04	51577.01	0.41	ppb
Manganese	55-2	988.23	990.40	994.16	990.93	0.30	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:36:57	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2500.61	2476.04	2504.44	2493.70	0.62	ppb
Molybdenum	95-1	2492.32	2478.38	2501.16	2490.62	0.46	ppb
Molybdenum	96-1	2492.84	2471.83	2499.16	2487.94	0.58	ppb
Molybdenum	97-1	2479.82	2479.52	2507.69	2489.01	0.65	ppb
Molybdenum	98-1	2487.24	2482.77	2504.32	2491.44	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.82	505.03	509.54	504.13	1.17	ppb
Phosphorus	31-2	10011.19	10041.69	10011.68	10021.52	0.17	ppb
Potassium	39-2	25005.97	24885.96	25067.93	24986.62	0.37	ppb
Rhodium	103-1				87		%
Rhodium	103-2				89		%
Scandium	45-1				90		%
Scandium	45-2				91		%
Selenium	77-2	495.68	499.62	489.88	495.06	0.99	ppb
Selenium	78-2	509.78	497.98	512.60	506.79	1.53	ppb
Selenium	82-1	507.80	505.76	502.08	505.21	0.57	ppb
Silicon	28-1	518.08	521.47	525.39	521.65	0.70	ppb
Silver	109-1	510.71	510.28	508.23	509.74	0.26	ppb
Silver	107-1	509.50	507.67	510.48	509.22	0.28	ppb
Sodium	23-2	51476.09	51080.03	51900.17	51485.43	0.80	ppb
Strontium	86-1	495.61	502.40	503.02	500.34	0.82	ppb
Strontium	88-1	498.96	498.51	499.88	499.11	0.14	ppb
Sulfur	34-1	10037.40	9984.14	9908.34	9976.63	0.65	ppb
Terbium	159-1				93		%
Terbium	159-2				95		%
Thallium	203-1	494.51	497.97	498.24	496.91	0.42	ppb
Thallium	205-1	491.61	495.60	497.91	495.04	0.64	ppb
Tin	118-1	506.09	499.56	505.83	503.83	0.73	ppb
Titanium	47-1	2488.53	2495.76	2517.26	2500.52	0.60	ppb
Uranium	238-1	494.18	491.86	493.35	493.13	0.24	ppb
Vanadium	51-2	497.93	495.34	501.53	498.27	0.62	ppb
Yttrium	89-1				91		%
Yttrium	89-2				93		%
Zinc	66-2	1020.12	1014.27	1033.16	1022.52	0.95	ppb
Zirconium	90-1	496.88	495.62	497.94	496.81	0.23	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:36:57	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	493.77	490.05	493.40	492.40	0.42	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:40:41	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19333.72	19504.90	20046.42	19628.35	1.90	ppb
Antimony	121-1	999.46	997.30	998.76	998.51	0.11	ppb
Arsenic	75-2	981.21	994.58	1020.75	998.85	2.01	ppb
Barium	135-1	4980.33	4983.85	5010.58	4991.59	0.33	ppb
Barium	137-1	4966.35	4991.99	5008.94	4989.09	0.43	ppb
Beryllium	9-1	989.77	995.37	993.31	992.82	0.29	ppb
Bismuth	209-1				91		%
Bismuth	209-2				90		%
Boron	10-1	977.86	1007.28	1011.25	998.79	1.83	ppb
Boron	11-1	982.61	1012.94	1005.20	1000.25	1.58	ppb
Cadmium	111-1	994.26	977.18	994.67	988.71	1.01	ppb
Cadmium	106-1	986.77	989.61	990.17	988.85	0.18	ppb
Cadmium	108-1	995.46	984.02	991.45	990.31	0.59	ppb
Calcium	43-1	98966.62	98894.11	99694.48	99185.07	0.45	ppb
Calcium	44-1	99118.89	98528.91	99014.63	98887.48	0.32	ppb
Chromium	52-2	983.23	991.45	1019.07	997.91	1.88	ppb
Cobalt	59-2	984.82	989.37	1023.69	999.29	2.13	ppb
Copper	63-2	1967.15	1969.11	2031.20	1989.15	1.83	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				95		%
Holmium	165-2				95		%
Indium	115-1				88		%
Indium	115-2				91		%
Iron	56-2	51822.12	51978.97	53999.60	52600.23	2.31	ppb
Iron	57-2	51682.40	51843.34	53527.68	52351.14	1.95	ppb
Lead	206-1	1003.18	1001.61	1005.93	1003.57	0.22	ppb
Lead	207-1	1005.57	1004.17	999.53	1003.09	0.32	ppb
Lead	208-1	1005.04	1003.37	1000.87	1003.09	0.21	ppb
Lithium	6-1				92		%
Magnesium	24-2	101867.54	102040.01	105703.22	103203.59	2.10	ppb
Manganese	55-2	1970.83	1984.51	2056.80	2004.04	2.31	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:40:41	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4993.11	5025.84	4984.15	5001.03	0.44	ppb
Molybdenum	95-1	4997.58	5019.32	4991.36	5002.75	0.29	ppb
Molybdenum	96-1	5014.21	5010.97	4991.38	5005.52	0.25	ppb
Molybdenum	97-1	5015.02	5030.31	4967.71	5004.35	0.65	ppb
Molybdenum	98-1	5000.61	5031.41	4979.90	5003.97	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	976.93	985.23	1022.10	994.76	2.42	ppb
Phosphorus	31-2	19588.54	19991.55	20399.58	19993.23	2.03	ppb
Potassium	39-2	49700.17	49949.63	51632.63	50427.48	2.08	ppb
Rhodium	103-1				87		%
Rhodium	103-2				87		%
Scandium	45-1				90		%
Scandium	45-2				90		%
Selenium	77-2	987.65	1012.47	1006.80	1002.31	1.30	ppb
Selenium	78-2	978.07	996.79	1006.61	993.82	1.46	ppb
Selenium	82-1	991.22	1001.20	988.46	993.63	0.67	ppb
Silicon	28-1	972.31	980.33	982.14	978.26	0.54	ppb
Silver	109-1	1001.23	978.28	995.91	991.81	1.21	ppb
Silver	107-1	994.23	990.77	990.26	991.75	0.22	ppb
Sodium	23-2	102095.62	102425.79	105986.05	103502.49	2.08	ppb
Strontium	86-1	999.81	995.84	999.46	998.37	0.22	ppb
Strontium	88-1	999.19	1001.61	998.73	999.84	0.15	ppb
Sulfur	34-1	19824.85	19957.53	19971.80	19918.06	0.41	ppb
Terbium	159-1				94		%
Terbium	159-2				94		%
Thallium	203-1	1001.75	1005.47	1002.12	1003.11	0.20	ppb
Thallium	205-1	999.07	1005.54	1006.14	1003.59	0.39	ppb
Tin	118-1	997.27	1001.77	992.49	997.18	0.47	ppb
Titanium	47-1	4999.02	4987.80	5008.51	4998.44	0.21	ppb
Uranium	238-1	1004.16	1008.64	1005.09	1005.96	0.23	ppb
Vanadium	51-2	981.52	993.81	1025.97	1000.43	2.29	ppb
Yttrium	89-1				92		%
Yttrium	89-2				93		%
Zinc	66-2	1944.61	1975.83	2021.05	1980.50	1.94	ppb
Zirconium	90-1	1000.62	1005.59	998.23	1001.48	0.37	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:40:41	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1001.04	1009.19	1000.83	1003.69	0.48	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:44:25	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100007.27	100210.06	100074.16	100097.16	0.10	ppb
Antimony	121-1	1.85	1.94	1.88	1.89	2.39	ppb
Arsenic	75-2	1.52	1.59	1.68	1.60	4.93	ppb
Barium	135-1	1.71	1.52	1.46	1.56	8.56	ppb
Barium	137-1	1.67	1.55	1.51	1.58	5.31	ppb
Beryllium	9-1	0.41	0.34	0.25	0.33	25.21	ppb
Bismuth	209-1				75		%
Bismuth	209-2				78		%
Boron	10-1	38.18	32.97	34.27	35.14	7.72	ppb
Boron	11-1	37.47	34.61	30.76	34.28	9.82	ppb
Cadmium	111-1	0.37	0.45	0.30	0.38	20.06	ppb
Cadmium	106-1	-0.19	2.70	-0.70	0.60	302.91	ppb
Cadmium	108-1	0.51	0.49	0.69	0.56	19.14	ppb
Calcium	43-1	503114.45	494436.02	502905.37	500151.95	0.99	ppb
Calcium	44-1	502766.34	497396.64	500651.64	500271.54	0.54	ppb
Chromium	52-2	38.70	38.37	38.34	38.47	0.52	ppb
Cobalt	59-2	11.87	11.72	11.76	11.78	0.66	ppb
Copper	63-2	4.55	4.45	4.43	4.48	1.50	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				84		%
Holmium	165-2				88		%
Indium	115-1				76		%
Indium	115-2				85		%
Iron	56-2	249415.23	249228.37	249309.70	249317.77	0.04	ppb
Iron	57-2	250858.41	247881.10	249427.57	249389.02	0.60	ppb
Lead	206-1	6.78	6.86	6.93	6.86	1.10	ppb
Lead	207-1	6.34	6.45	6.44	6.41	0.99	ppb
Lead	208-1	6.61	6.63	6.68	6.64	0.59	ppb
Lithium	6-1				80		%
Magnesium	24-2	500728.33	498073.47	498547.46	499116.42	0.28	ppb
Manganese	55-2	10.25	9.90	9.85	10.00	2.15	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:44:25	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	6.98	6.87	6.57	6.81	3.14	ppb
Molybdenum	95-1	9.33	8.78	8.84	8.98	3.32	ppb
Molybdenum	96-1	10.88	10.53	10.88	10.76	1.87	ppb
Molybdenum	97-1	9.04	9.20	9.02	9.09	1.06	ppb
Molybdenum	98-1	9.29	8.96	8.83	9.03	2.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.28	31.15	30.88	31.10	0.65	ppb
Phosphorus	31-2	21.00	7.58	10.96	13.18	52.98	ppb
Potassium	39-2	250343.47	250166.58	249211.33	249907.12	0.24	ppb
Rhodium	103-1				72		%
Rhodium	103-2				75		%
Scandium	45-1				80		%
Scandium	45-2				84		%
Selenium	77-2	0.39	0.00	1.18	0.52	114.66	ppb
Selenium	78-2	0.30	0.88	0.37	0.52	61.10	ppb
Selenium	82-1	1.65	1.61	1.18	1.48	17.73	ppb
Silicon	28-1	29.08	28.44	29.84	29.12	2.40	ppb
Silver	109-1	0.21	0.21	0.18	0.20	8.13	ppb
Silver	107-1	0.19	0.23	0.21	0.21	8.43	ppb
Sodium	23-2	501371.77	498150.61	497688.45	499070.28	0.40	ppb
Strontium	86-1	5.27	5.03	5.06	5.12	2.55	ppb
Strontium	88-1	5.13	5.18	5.12	5.14	0.66	ppb
Sulfur	34-1	-478.47	-628.77	-640.05	-582.43		ppb
Terbium	159-1				83		%
Terbium	159-2				88		%
Thallium	203-1	0.75	0.66	0.63	0.68	9.50	ppb
Thallium	205-1	0.74	0.71	0.66	0.70	5.65	ppb
Tin	118-1	4.71	4.73	4.56	4.67	1.96	ppb
Titanium	47-1	3.14	2.86	3.19	3.06	5.77	ppb
Uranium	238-1	0.27	0.25	0.23	0.25	7.46	ppb
Vanadium	51-2	0.46	0.48	0.45	0.47	3.68	ppb
Yttrium	89-1				80		%
Yttrium	89-2				87		%
Zinc	66-2	13.81	13.74	13.44	13.66	1.41	ppb
Zirconium	90-1	0.31	0.32	0.28	0.30	7.06	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:44:25	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.36	0.28	0.30	0.31	14.03	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:56:10	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	504.41	535.40	523.17	520.99	3.00	ppb
Antimony	121-1	194.98	194.01	195.62	194.87	0.42	ppb
Arsenic	75-2	199.44	198.61	199.04	199.03	0.21	ppb
Barium	135-1	101.15	100.77	101.24	101.05	0.25	ppb
Barium	137-1	101.16	100.67	101.60	101.14	0.46	ppb
Beryllium	9-1	102.39	101.49	103.05	102.31	0.77	ppb
Bismuth	209-1				91		%
Bismuth	209-2				94		%
Boron	10-1	530.19	538.45	541.46	536.70	1.09	ppb
Boron	11-1	518.13	524.11	531.35	524.53	1.26	ppb
Cadmium	111-1	106.99	106.24	107.76	106.99	0.71	ppb
Cadmium	106-1	193.43	192.50	192.48	192.80	0.28	ppb
Cadmium	108-1	150.66	148.29	149.97	149.64	0.81	ppb
Calcium	43-1	2250.78	2217.23	2239.14	2235.72	0.76	ppb
Calcium	44-1	2105.16	2106.43	2117.81	2109.80	0.33	ppb
Chromium	52-2	96.79	96.78	97.30	96.96	0.30	ppb
Cobalt	59-2	100.53	100.59	100.68	100.60	0.07	ppb
Copper	63-2	103.40	103.49	103.92	103.60	0.27	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				89		%
Holmium	165-2				94		%
Indium	115-1				86		%
Indium	115-2				95		%
Iron	56-2	1034.13	1029.20	1031.54	1031.62	0.24	ppb
Iron	57-2	1074.95	1064.05	1063.18	1067.39	0.61	ppb
Lead	206-1	196.07	195.24	197.28	196.19	0.52	ppb
Lead	207-1	190.08	189.11	191.56	190.25	0.65	ppb
Lead	208-1	193.02	192.66	194.72	193.47	0.57	ppb
Lithium	6-1				92		%
Magnesium	24-2	1207.29	1213.98	1197.77	1206.35	0.68	ppb
Manganese	55-2	97.33	96.73	98.36	97.47	0.85	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:56:10	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1132.86	1121.16	1137.93	1130.65	0.76	ppb
Molybdenum	95-1	533.80	533.16	534.70	533.89	0.15	ppb
Molybdenum	96-1	611.50	609.72	609.58	610.27	0.17	ppb
Molybdenum	97-1	534.58	535.59	535.78	535.32	0.12	ppb
Molybdenum	98-1	539.95	534.81	538.68	537.82	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.37	102.72	102.60	102.57	0.17	ppb
Phosphorus	31-2	2.90	11.46	16.41	10.26	66.66	ppb
Potassium	39-2	1989.77	1980.58	1985.59	1985.32	0.23	ppb
Rhodium	103-1				87		%
Rhodium	103-2				92		%
Scandium	45-1				89		%
Scandium	45-2				92		%
Selenium	77-2	224.80	200.53	215.69	213.67	5.74	ppb
Selenium	78-2	214.25	212.98	210.90	212.71	0.79	ppb
Selenium	82-1	212.38	208.34	208.51	209.75	1.09	ppb
Silicon	28-1	2.21	2.70	2.93	2.61	13.97	ppb
Silver	109-1	104.69	104.05	105.00	104.58	0.46	ppb
Silver	107-1	106.04	105.00	105.37	105.47	0.50	ppb
Sodium	23-2	2033.33	2050.46	2050.00	2044.60	0.48	ppb
Strontium	86-1	502.32	493.37	500.68	498.79	0.95	ppb
Strontium	88-1	500.08	496.78	498.64	498.50	0.33	ppb
Sulfur	34-1	-103.18	-242.41	-178.71	-174.76		ppb
Terbium	159-1				89		%
Terbium	159-2				94		%
Thallium	203-1	197.12	197.90	199.75	198.26	0.68	ppb
Thallium	205-1	199.70	198.87	201.42	200.00	0.65	ppb
Tin	118-1	500.15	497.91	501.85	499.97	0.40	ppb
Titanium	47-1	495.91	492.27	495.87	494.68	0.42	ppb
Uranium	238-1	499.97	493.36	500.37	497.90	0.79	ppb
Vanadium	51-2	96.71	97.09	97.76	97.18	0.54	ppb
Yttrium	89-1				87		%
Yttrium	89-2				95		%
Zinc	66-2	206.88	205.64	203.09	205.20	0.94	ppb
Zirconium	90-1	491.69	490.24	492.93	491.62	0.27	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:56:10	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	487.81	484.76	487.36	486.65	0.34	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 13:17:26	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.05	19.24	21.69	20.32	6.15	ppb
Antimony	121-1	1.95	2.03	1.96	1.98	2.23	ppb
Arsenic	75-2	0.90	0.96	0.98	0.95	4.32	ppb
Barium	135-1	9.59	9.90	9.55	9.68	2.01	ppb
Barium	137-1	9.72	9.70	9.91	9.78	1.23	ppb
Beryllium	9-1	0.99	1.02	1.03	1.01	2.08	ppb
Bismuth	209-1				91		%
Bismuth	209-2				96		%
Boron	10-1	25.71	28.40	27.64	27.25	5.09	ppb
Boron	11-1	26.35	26.98	26.35	26.56	1.36	ppb
Cadmium	111-1	1.05	1.11	1.05	1.07	2.87	ppb
Cadmium	106-1	1.60	2.26	1.34	1.73	27.27	ppb
Cadmium	108-1	1.00	1.09	0.79	0.96	15.74	ppb
Calcium	43-1	479.77	487.61	460.45	475.94	2.94	ppb
Calcium	44-1	475.45	477.08	465.22	472.58	1.36	ppb
Chromium	52-2	2.03	2.14	2.15	2.11	3.30	ppb
Cobalt	59-2	0.97	0.98	1.04	1.00	4.09	ppb
Copper	63-2	1.78	1.88	2.00	1.89	5.99	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				90		%
Holmium	165-2				96		%
Indium	115-1				89		%
Indium	115-2				98		%
Iron	56-2	50.40	52.39	52.40	51.73	2.23	ppb
Iron	57-2	53.28	54.70	53.08	53.68	1.65	ppb
Lead	206-1	0.94	0.97	1.02	0.98	4.31	ppb
Lead	207-1	1.02	0.92	0.97	0.97	4.75	ppb
Lead	208-1	0.97	0.94	0.99	0.97	2.44	ppb
Lithium	6-1				94		%
Magnesium	24-2	473.80	494.41	495.60	487.94	2.51	ppb
Manganese	55-2	0.99	1.06	1.06	1.03	3.85	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 13:17:26	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.14	5.16	4.97	5.09	2.09	ppb
Molybdenum	95-1	5.01	4.77	4.93	4.91	2.47	ppb
Molybdenum	96-1	5.07	4.87	4.77	4.91	3.09	ppb
Molybdenum	97-1	5.02	4.95	4.64	4.87	4.06	ppb
Molybdenum	98-1	4.82	4.76	4.80	4.79	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	1.16	1.04	1.06	9.15	ppb
Phosphorus	31-2	6.33	-0.49	0.87	2.24	161.21	ppb
Potassium	39-2	472.94	496.53	492.34	487.27	2.58	ppb
Rhodium	103-1				89		%
Rhodium	103-2				95		%
Scandium	45-1				91		%
Scandium	45-2				96		%
Selenium	77-2	4.46	5.70	3.90	4.69	19.68	ppb
Selenium	78-2	4.42	5.62	6.10	5.38	16.10	ppb
Selenium	82-1	5.33	5.10	5.53	5.32	4.07	ppb
Silicon	28-1	15.97	14.51	13.81	14.76	7.44	ppb
Silver	109-1	1.07	1.06	1.08	1.07	0.81	ppb
Silver	107-1	1.06	1.08	1.08	1.07	1.24	ppb
Sodium	23-2	481.78	509.02	511.72	500.84	3.31	ppb
Strontium	86-1	1.08	1.05	1.07	1.07	1.43	ppb
Strontium	88-1	1.05	1.01	0.97	1.01	3.72	ppb
Sulfur	34-1	324.56	258.90	183.67	255.71	27.57	ppb
Terbium	159-1				90		%
Terbium	159-2				95		%
Thallium	203-1	0.97	0.98	0.94	0.96	1.82	ppb
Thallium	205-1	0.99	0.99	0.94	0.97	2.57	ppb
Tin	118-1	4.99	4.96	4.88	4.94	1.15	ppb
Titanium	47-1	4.91	5.08	4.86	4.95	2.32	ppb
Uranium	238-1	0.94	0.93	0.89	0.92	2.97	ppb
Vanadium	51-2	4.66	4.83	4.77	4.75	1.87	ppb
Yttrium	89-1				90		%
Yttrium	89-2				97		%
Zinc	66-2	1.85	2.17	1.97	2.00	8.26	ppb
Zirconium	90-1	1.09	1.03	1.09	1.07	3.43	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 13:17:26	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.98	1.09	0.97	1.01	6.46	ppb

LB Number : LB97116 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-03 13:24:21 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.40	1.85	1.14	1.47	24.56	ppb
Antimony	121-1	0.03	0.03	0.04	0.03	11.94	ppb
Arsenic	75-2	-0.04	-0.02	-0.01	-0.02		ppb
Barium	135-1	0.00	0.01	0.00	0.00	268.85	ppb
Barium	137-1	-0.01	0.00	0.01	0.00	678.31	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	13.60	ppb
Bismuth	209-1				91		%
Bismuth	209-2				95		%
Boron	10-1	2.41	2.51	1.92	2.28	13.99	ppb
Boron	11-1	2.49	2.61	2.69	2.60	3.70	ppb
Cadmium	111-1	0.00	0.02	0.01	0.01	81.79	ppb
Cadmium	106-1	-0.07	0.53	0.25	0.24	126.84	ppb
Cadmium	108-1	0.00	0.08	-0.02	0.02	293.16	ppb
Calcium	43-1	-0.83	0.26	-1.93	-0.83		ppb
Calcium	44-1	0.08	0.31	0.34	0.24	58.01	ppb
Chromium	52-2	0.02	0.01	0.02	0.02	50.51	ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00		ppb
Copper	63-2	-0.11	-0.07	-0.11	-0.10		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				89		%
Holmium	165-2				95		%
Indium	115-1				89		%
Indium	115-2				97		%
Iron	56-2	0.60	0.62	0.50	0.57	11.56	ppb
Iron	57-2	0.72	0.42	1.49	0.88	62.82	ppb
Lead	206-1	0.01	0.01	0.00	0.01	72.43	ppb
Lead	207-1	0.00	0.01	0.01	0.01	82.81	ppb
Lead	208-1	0.00	0.01	0.01	0.01	45.90	ppb
Lithium	6-1				93		%
Magnesium	24-2	0.41	0.40	0.59	0.47	23.96	ppb
Manganese	55-2	0.01	0.00	0.02	0.01	131.72	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 13:24:21	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.04	0.02	0.04	54.31	ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	7.15	ppb
Molybdenum	96-1	0.02	0.01	0.03	0.02	55.54	ppb
Molybdenum	97-1	0.02	0.03	0.02	0.02	11.77	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	19.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	-0.01	0.01	248.70	ppb
Phosphorus	31-2	3.75	0.61	-6.68	-0.77		ppb
Potassium	39-2	3.20	0.72	3.50	2.48	61.61	ppb
Rhodium	103-1				89		%
Rhodium	103-2				94		%
Scandium	45-1				91		%
Scandium	45-2				95		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.71	-0.08	0.08	-0.24		ppb
Selenium	82-1	-0.04	0.39	-0.31	0.01	2684.96	ppb
Silicon	28-1	-0.92	-0.75	-0.77	-0.82		ppb
Silver	109-1	0.00	0.00	0.00	0.00	841.40	ppb
Silver	107-1	0.00	0.00	0.00	0.00	19.67	ppb
Sodium	23-2	4.22	3.33	5.00	4.19	19.89	ppb
Strontium	86-1	-0.01	-0.03	-0.03	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	14.92	ppb
Sulfur	34-1	285.90	223.34	375.64	294.96	25.95	ppb
Terbium	159-1				89		%
Terbium	159-2				94		%
Thallium	203-1	0.00	0.00	0.00	0.00	166.24	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	104.71	ppb
Tin	118-1	0.05	0.00	0.02	0.02	99.50	ppb
Titanium	47-1	0.06	0.00	0.03	0.03	108.03	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	32.78	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				90		%
Yttrium	89-2				96		%
Zinc	66-2	-0.52	-0.55	-0.52	-0.53		ppb
Zirconium	90-1	0.01	0.02	0.02	0.01	38.73	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 13:24:21	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.00	0.01	0.00	621.25	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 13:27:55	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91928.44	91764.09	91981.61	91891.38	0.12	ppb
Antimony	121-1	1.24	1.09	1.16	1.16	6.36	ppb
Arsenic	75-2	0.27	0.34	0.34	0.32	12.85	ppb
Barium	135-1	1.73	1.48	1.59	1.60	7.70	ppb
Barium	137-1	1.60	1.50	1.52	1.54	3.44	ppb
Beryllium	9-1	0.27	0.29	0.26	0.27	4.35	ppb
Bismuth	209-1				85		%
Bismuth	209-2				88		%
Boron	10-1	3.75	3.07	4.30	3.71	16.52	ppb
Boron	11-1	4.64	3.96	3.77	4.12	11.13	ppb
Cadmium	111-1	0.63	0.47	0.42	0.51	21.03	ppb
Cadmium	106-1	-0.44	0.30	-0.81	-0.32		ppb
Cadmium	108-1	15.52	14.10	13.86	14.49	6.20	ppb
Calcium	43-1	106177.46	96429.92	96570.26	99725.88	5.60	ppb
Calcium	44-1	105879.14	96478.43	96610.80	99656.13	5.41	ppb
Chromium	52-2	19.69	19.66	19.56	19.64	0.35	ppb
Cobalt	59-2	1.20	1.27	1.21	1.23	2.95	ppb
Copper	63-2	8.25	8.34	8.50	8.37	1.52	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				89		%
Holmium	165-2				95		%
Indium	115-1				84		%
Indium	115-2				92		%
Iron	56-2	103042.03	103803.55	103107.56	103317.71	0.41	ppb
Iron	57-2	103203.76	103006.17	103030.40	103080.11	0.10	ppb
Lead	206-1	4.90	4.59	4.57	4.68	3.93	ppb
Lead	207-1	4.40	4.02	4.03	4.15	5.24	ppb
Lead	208-1	4.61	4.24	4.26	4.37	4.82	ppb
Lithium	6-1				88		%
Magnesium	24-2	96656.61	97229.47	96612.28	96832.79	0.36	ppb
Manganese	55-2	8.02	7.93	7.69	7.88	2.22	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 13:27:55	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1474.86	1344.84	1345.57	1388.42	5.39	ppb
Molybdenum	95-1	2127.71	1934.30	1932.07	1998.03	5.62	ppb
Molybdenum	96-1	2051.09	1854.80	1858.40	1921.43	5.84	ppb
Molybdenum	97-1	2130.89	1934.43	1927.19	1997.50	5.79	ppb
Molybdenum	98-1	2123.81	1946.53	1926.97	1999.10	5.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.20	5.27	5.38	5.28	1.73	ppb
Phosphorus	31-2	96304.95	96540.10	97494.32	96779.79	0.65	ppb
Potassium	39-2	98628.34	98430.30	98330.02	98462.89	0.15	ppb
Rhodium	103-1				81		%
Rhodium	103-2				86		%
Scandium	45-1				86		%
Scandium	45-2				89		%
Selenium	77-2	0.37	0.00	0.37	0.24	86.60	ppb
Selenium	78-2	0.07	-0.31	0.05	-0.06		ppb
Selenium	82-1	0.65	0.54	0.10	0.43	68.63	ppb
Silicon	28-1	25.01	18.59	18.54	20.71	17.97	ppb
Silver	109-1	0.10	0.09	0.10	0.10	8.61	ppb
Silver	107-1	0.09	0.08	0.08	0.08	4.68	ppb
Sodium	23-2	99694.57	100337.98	99656.54	99896.37	0.38	ppb
Strontium	86-1	37.37	33.57	33.45	34.80	6.39	ppb
Strontium	88-1	36.98	33.97	33.74	34.89	5.19	ppb
Sulfur	34-1	90534.44	81641.40	81281.57	84485.80	6.20	ppb
Terbium	159-1				88		%
Terbium	159-2				94		%
Thallium	203-1	0.04	0.04	0.04	0.04	4.24	ppb
Thallium	205-1	0.03	0.04	0.04	0.04	3.91	ppb
Tin	118-1	0.20	0.12	0.16	0.16	23.61	ppb
Titanium	47-1	2224.42	2002.09	2004.86	2077.12	6.14	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	7.02	ppb
Vanadium	51-2	0.18	0.15	0.18	0.17	7.68	ppb
Yttrium	89-1				86		%
Yttrium	89-2				93		%
Zinc	66-2	11.56	11.82	11.79	11.72	1.22	ppb
Zirconium	90-1	0.11	0.08	0.09	0.09	15.86	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 13:27:55	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.09	0.07	0.08	7.84	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 13:32:55	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89011.28	89025.97	88665.15	88900.80	0.23	ppb
Antimony	121-1	20.61	20.56	20.51	20.56	0.23	ppb
Arsenic	75-2	18.25	19.00	19.52	18.92	3.40	ppb
Barium	135-1	21.51	21.40	21.33	21.41	0.42	ppb
Barium	137-1	21.31	21.41	21.62	21.45	0.74	ppb
Beryllium	9-1	20.65	20.51	20.48	20.54	0.45	ppb
Bismuth	209-1				89		%
Bismuth	209-2				90		%
Boron	10-1	59.04	59.13	57.48	58.55	1.59	ppb
Boron	11-1	57.73	57.30	58.91	57.98	1.44	ppb
Cadmium	111-1	20.65	19.91	20.05	20.20	1.93	ppb
Cadmium	106-1	26.00	27.42	24.02	25.81	6.61	ppb
Cadmium	108-1	34.35	37.68	35.26	35.76	4.82	ppb
Calcium	43-1	96591.30	96178.51	96164.59	96311.47	0.25	ppb
Calcium	44-1	96438.23	96538.07	95616.36	96197.55	0.53	ppb
Chromium	52-2	38.16	37.89	37.58	37.88	0.76	ppb
Cobalt	59-2	20.45	20.17	20.32	20.32	0.69	ppb
Copper	63-2	27.70	27.50	27.38	27.53	0.58	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				94		%
Holmium	165-2				97		%
Indium	115-1				90		%
Indium	115-2				94		%
Iron	56-2	99548.71	99265.44	98910.73	99241.63	0.32	ppb
Iron	57-2	100400.94	98876.93	98293.58	99190.48	1.10	ppb
Lead	206-1	24.96	25.17	25.22	25.12	0.56	ppb
Lead	207-1	23.39	23.16	23.17	23.24	0.56	ppb
Lead	208-1	23.98	23.89	23.94	23.94	0.18	ppb
Lithium	6-1				89		%
Magnesium	24-2	93722.66	93361.31	92899.89	93327.95	0.44	ppb
Manganese	55-2	26.57	26.48	26.16	26.41	0.82	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 13:32:55	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1456.35	1469.29	1437.78	1454.47	1.09	ppb
Molybdenum	95-1	1981.26	1991.73	1970.72	1981.23	0.53	ppb
Molybdenum	96-1	1919.38	1915.09	1908.42	1914.30	0.29	ppb
Molybdenum	97-1	1982.41	1993.42	1965.52	1980.45	0.71	ppb
Molybdenum	98-1	1973.74	1987.45	1965.86	1975.68	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.50	23.95	24.09	24.18	1.19	ppb
Phosphorus	31-2	94352.26	94037.75	93387.91	93925.98	0.52	ppb
Potassium	39-2	95633.27	96027.47	94478.44	95379.73	0.84	ppb
Rhodium	103-1				86		%
Rhodium	103-2				89		%
Scandium	45-1				92		%
Scandium	45-2				93		%
Selenium	77-2	20.78	21.06	26.27	22.70	13.62	ppb
Selenium	78-2	19.41	19.22	19.27	19.30	0.52	ppb
Selenium	82-1	19.78	18.79	19.28	19.28	2.59	ppb
Silicon	28-1	72.62	73.37	73.61	73.20	0.70	ppb
Silver	109-1	19.02	18.95	19.11	19.03	0.43	ppb
Silver	107-1	19.14	18.96	19.14	19.08	0.53	ppb
Sodium	23-2	96563.11	96010.98	95656.64	96076.91	0.48	ppb
Strontium	86-1	85.95	86.93	85.50	86.13	0.85	ppb
Strontium	88-1	84.98	85.36	84.68	85.01	0.40	ppb
Sulfur	34-1	81136.65	79921.00	80128.65	80395.43	0.81	ppb
Terbium	159-1				94		%
Terbium	159-2				95		%
Thallium	203-1	20.30	20.37	20.36	20.34	0.18	ppb
Thallium	205-1	20.52	20.44	20.49	20.49	0.20	ppb
Tin	118-1	51.33	51.51	51.40	51.41	0.18	ppb
Titanium	47-1	2049.40	2051.50	2047.88	2049.59	0.09	ppb
Uranium	238-1	51.36	51.66	51.85	51.62	0.48	ppb
Vanadium	51-2	19.16	18.94	19.32	19.14	1.00	ppb
Yttrium	89-1				92		%
Yttrium	89-2				95		%
Zinc	66-2	29.72	29.86	29.50	29.69	0.61	ppb
Zirconium	90-1	51.65	51.49	51.63	51.59	0.16	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 13:32:55	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	51.73	52.19	51.18	51.70	0.98	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P7
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 13:36:29	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50922.02	51038.75	50566.66	50842.48	0.48	ppb
Antimony	121-1	488.02	484.02	491.39	487.81	0.76	ppb
Arsenic	75-2	474.06	490.11	470.63	478.27	2.17	ppb
Barium	135-1	2485.76	2481.44	2515.08	2494.10	0.73	ppb
Barium	137-1	2501.32	2477.16	2511.24	2496.57	0.70	ppb
Beryllium	9-1	509.74	512.64	512.22	511.54	0.31	ppb
Bismuth	209-1				85		%
Bismuth	209-2				86		%
Boron	10-1	487.89	499.83	509.86	499.19	2.20	ppb
Boron	11-1	488.12	492.79	505.58	495.50	1.82	ppb
Cadmium	111-1	479.39	480.18	482.60	480.72	0.35	ppb
Cadmium	106-1	486.01	485.07	483.52	484.87	0.26	ppb
Cadmium	108-1	485.18	479.69	484.76	483.21	0.63	ppb
Calcium	43-1	240410.79	238203.96	242673.09	240429.28	0.93	ppb
Calcium	44-1	241424.19	238173.42	244318.33	241305.31	1.27	ppb
Chromium	52-2	501.54	506.89	499.20	502.55	0.78	ppb
Cobalt	59-2	478.87	483.43	471.13	477.81	1.30	ppb
Copper	63-2	938.34	944.08	923.54	935.32	1.13	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				94		%
Holmium	165-2				95		%
Indium	115-1				88		%
Indium	115-2				92		%
Iron	56-2	125790.47	126789.96	124771.08	125783.84	0.80	ppb
Iron	57-2	126252.92	127959.00	123665.81	125959.24	1.72	ppb
Lead	206-1	502.44	502.44	502.99	502.62	0.06	ppb
Lead	207-1	505.52	502.90	504.18	504.20	0.26	ppb
Lead	208-1	503.89	503.88	504.60	504.12	0.08	ppb
Lithium	6-1				88		%
Magnesium	24-2	250258.88	252432.12	248246.20	250312.40	0.84	ppb
Manganese	55-2	980.59	989.84	975.74	982.06	0.73	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P7
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 13:36:29	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2476.54	2508.63	2525.08	2503.42	0.99	ppb
Molybdenum	95-1	2470.46	2500.42	2518.94	2496.61	0.98	ppb
Molybdenum	96-1	2471.27	2493.96	2517.16	2494.13	0.92	ppb
Molybdenum	97-1	2466.60	2488.12	2514.14	2489.62	0.96	ppb
Molybdenum	98-1	2466.71	2481.46	2511.36	2486.51	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	489.32	490.72	476.62	485.55	1.60	ppb
Phosphorus	31-2	9864.34	9674.31	9799.55	9779.40	0.99	ppb
Potassium	39-2	123232.16	126025.39	124172.05	124476.53	1.14	ppb
Rhodium	103-1				84		%
Rhodium	103-2				85		%
Scandium	45-1				92		%
Scandium	45-2				93		%
Selenium	77-2	472.62	469.63	460.06	467.43	1.40	ppb
Selenium	78-2	463.72	476.74	458.93	466.46	1.98	ppb
Selenium	82-1	467.09	463.68	470.71	467.16	0.75	ppb
Silicon	28-1	513.01	513.07	526.48	517.52	1.50	ppb
Silver	109-1	478.29	476.10	485.28	479.89	1.00	ppb
Silver	107-1	478.10	477.97	481.59	479.22	0.43	ppb
Sodium	23-2	250451.73	254382.75	247899.63	250911.37	1.30	ppb
Strontium	86-1	496.71	492.17	502.41	497.10	1.03	ppb
Strontium	88-1	496.71	495.55	498.35	496.87	0.28	ppb
Sulfur	34-1	9512.50	9323.15	9472.65	9436.10	1.06	ppb
Terbium	159-1				93		%
Terbium	159-2				94		%
Thallium	203-1	505.58	506.60	510.56	507.58	0.52	ppb
Thallium	205-1	501.97	504.35	506.30	504.21	0.43	ppb
Tin	118-1	494.08	489.86	496.86	493.60	0.71	ppb
Titanium	47-1	2514.73	2479.71	2516.41	2503.62	0.83	ppb
Uranium	238-1	510.44	509.51	509.37	509.77	0.11	ppb
Vanadium	51-2	491.36	493.95	488.00	491.10	0.61	ppb
Yttrium	89-1				92		%
Yttrium	89-2				95		%
Zinc	66-2	914.59	921.01	887.50	907.70	1.96	ppb
Zirconium	90-1	498.65	496.97	503.47	499.70	0.68	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P7
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 13:36:29	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	494.69	493.28	503.36	497.11	1.10	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P7
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:01:53	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.16	25.12	21.33	22.20	11.68	ppb
Antimony	121-1	1.79	1.88	1.94	1.87	4.02	ppb
Arsenic	75-2	0.86	1.28	1.16	1.10	19.68	ppb
Barium	135-1	9.28	9.61	9.80	9.56	2.73	ppb
Barium	137-1	9.26	9.43	9.60	9.43	1.80	ppb
Beryllium	9-1	1.01	0.96	0.97	0.98	2.74	ppb
Bismuth	209-1				92		%
Bismuth	209-2				84		%
Boron	10-1	25.66	24.60	27.36	25.87	5.37	ppb
Boron	11-1	25.71	25.71	26.83	26.08	2.48	ppb
Cadmium	111-1	1.01	1.07	1.09	1.05	3.96	ppb
Cadmium	106-1	2.50	2.29	1.29	2.03	32.07	ppb
Cadmium	108-1	0.92	0.84	0.94	0.90	5.96	ppb
Calcium	43-1	435.43	468.15	442.72	448.77	3.83	ppb
Calcium	44-1	441.36	440.83	449.60	443.93	1.11	ppb
Chromium	52-2	2.11	2.58	2.42	2.37	10.07	ppb
Cobalt	59-2	0.97	1.18	1.13	1.09	9.74	ppb
Copper	63-2	2.02	2.53	2.49	2.34	12.14	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				93		%
Holmium	165-2				84		%
Indium	115-1				92		%
Indium	115-2				87		%
Iron	56-2	50.00	62.13	57.40	56.51	10.81	ppb
Iron	57-2	53.28	64.74	59.75	59.26	9.70	ppb
Lead	206-1	0.92	0.89	0.98	0.93	5.05	ppb
Lead	207-1	0.92	0.96	0.98	0.95	3.16	ppb
Lead	208-1	0.92	0.90	0.96	0.93	3.57	ppb
Lithium	6-1				92		%
Magnesium	24-2	462.76	572.07	547.84	527.56	10.88	ppb
Manganese	55-2	1.04	1.22	1.14	1.13	7.83	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P7
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:01:53	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.67	4.75	4.71	4.71	0.89	ppb
Molybdenum	95-1	4.47	4.51	4.56	4.51	0.98	ppb
Molybdenum	96-1	4.48	4.53	4.66	4.56	2.07	ppb
Molybdenum	97-1	4.66	4.89	4.60	4.71	3.21	ppb
Molybdenum	98-1	4.56	4.62	4.61	4.59	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	1.34	1.27	1.20	15.41	ppb
Phosphorus	31-2	4.04	4.14	29.46	12.55	116.74	ppb
Potassium	39-2	487.35	617.68	564.69	556.57	11.78	ppb
Rhodium	103-1				93		%
Rhodium	103-2				85		%
Scandium	45-1				94		%
Scandium	45-2				86		%
Selenium	77-2	6.60	6.91	5.92	6.48	7.80	ppb
Selenium	78-2	6.39	7.13	5.85	6.46	9.96	ppb
Selenium	82-1	5.00	4.81	5.26	5.02	4.43	ppb
Silicon	28-1	16.33	16.06	16.40	16.27	1.10	ppb
Silver	109-1	0.96	1.00	1.05	1.00	4.60	ppb
Silver	107-1	1.01	1.02	1.04	1.03	1.72	ppb
Sodium	23-2	487.54	603.89	562.02	551.15	10.69	ppb
Strontium	86-1	0.99	0.86	1.10	0.98	12.05	ppb
Strontium	88-1	0.95	0.93	0.97	0.95	2.29	ppb
Sulfur	34-1	629.89	247.89	618.87	498.88	43.59	ppb
Terbium	159-1				92		%
Terbium	159-2				84		%
Thallium	203-1	0.91	0.95	0.92	0.93	2.07	ppb
Thallium	205-1	0.90	0.92	0.92	0.92	1.10	ppb
Tin	118-1	4.69	4.78	4.68	4.72	1.17	ppb
Titanium	47-1	4.64	4.57	4.69	4.63	1.33	ppb
Uranium	238-1	0.85	0.84	0.85	0.85	0.66	ppb
Vanadium	51-2	4.54	5.40	5.34	5.09	9.37	ppb
Yttrium	89-1				93		%
Yttrium	89-2				86		%
Zinc	66-2	2.08	2.55	2.55	2.40	11.30	ppb
Zirconium	90-1	0.95	1.00	0.98	0.98	2.43	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P7
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:01:53	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.91	0.98	0.95	0.95	3.94	ppb

LB Number : LB97116 Operator : Jaswal
 Lab Sample ID : CCB47 Instrumnet Name : P7
 Client Sample ID : CCB47 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-03 14:05:26 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.47	0.32	0.75	0.51	42.68	ppb
Antimony	121-1	0.03	0.03	0.02	0.02	32.70	ppb
Arsenic	75-2	-0.03	-0.04	-0.01	-0.03		ppb
Barium	135-1	0.02	0.01	0.01	0.01	47.92	ppb
Barium	137-1	0.01	0.01	0.00	0.01	71.79	ppb
Beryllium	9-1	0.01	0.01	0.02	0.01	47.90	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	2.17	2.46	2.17	2.27	7.42	ppb
Boron	11-1	3.14	2.57	2.57	2.76	11.89	ppb
Cadmium	111-1	0.05	0.08	0.00	0.04	82.92	ppb
Cadmium	106-1	1.15	1.66	0.04	0.95	87.48	ppb
Cadmium	108-1	-0.01	0.03	0.03	0.02	118.94	ppb
Calcium	43-1	-0.64	1.89	-0.91	0.11	1374.91	ppb
Calcium	44-1	1.32	0.75	1.11	1.06	27.43	ppb
Chromium	52-2	0.02	0.02	0.01	0.02	33.12	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.04	-0.03	0.03	0.01	362.61	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				101		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	56-2	0.61	0.55	0.45	0.54	14.87	ppb
Iron	57-2	1.31	1.91	0.83	1.35	40.18	ppb
Lead	206-1	0.00	0.00	0.02	0.01	162.41	ppb
Lead	207-1	0.01	0.00	0.01	0.01	55.49	ppb
Lead	208-1	0.00	0.00	0.00	0.00	26.99	ppb
Lithium	6-1				100		%
Magnesium	24-2	1.22	0.92	1.12	1.09	13.94	ppb
Manganese	55-2	0.02	0.00	0.02	0.01	67.68	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCB47	Instrumnet Name :	P7
Client Sample ID :	CCB47	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:05:26	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.04	0.05	0.05	20.44	ppb
Molybdenum	95-1	0.04	0.04	0.02	0.04	28.39	ppb
Molybdenum	96-1	0.02	0.03	0.03	0.03	24.80	ppb
Molybdenum	97-1	0.03	0.02	0.03	0.03	18.99	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	7.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	-0.01	0.00		ppb
Phosphorus	31-2	-5.52	-4.37	7.45	-0.82		ppb
Potassium	39-2	8.07	8.13	9.18	8.46	7.39	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.83	0.60	1.24	0.89	36.72	ppb
Selenium	82-1	0.28	-0.20	0.43	0.17	195.41	ppb
Silicon	28-1	-2.51	-2.32	-2.94	-2.59		ppb
Silver	109-1	0.00	0.01	0.00	0.00	49.67	ppb
Silver	107-1	0.01	0.01	0.01	0.01	7.87	ppb
Sodium	23-2	8.58	7.61	6.39	7.53	14.55	ppb
Strontium	86-1	0.00	0.01	0.02	0.01	137.05	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	34.97	ppb
Sulfur	34-1	7.16	36.14	-80.00	-12.23		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.01	0.01	0.01	50.99	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	22.84	ppb
Tin	118-1	-0.01	0.00	0.01	0.00	695.15	ppb
Titanium	47-1	0.04	0.03	0.04	0.04	24.12	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	93.77	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	193.68	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	-0.09	-0.02	-0.19	-0.10		ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	23.65	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCB47	Instrumnet Name :	P7
Client Sample ID :	CCB47	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:05:26	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.01	0.00	0.00	901.22	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:08:59	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.06	17.91	19.53	19.17	5.83	ppb
Antimony	121-1	1.91	1.76	1.93	1.87	5.09	ppb
Arsenic	75-2	0.92	1.01	0.97	0.97	4.72	ppb
Barium	135-1	9.45	9.18	9.98	9.54	4.27	ppb
Barium	137-1	9.25	8.92	9.51	9.22	3.21	ppb
Beryllium	9-1	1.07	1.02	0.98	1.03	4.54	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	25.20	25.01	25.51	25.24	1.01	ppb
Boron	11-1	24.04	23.99	26.20	24.74	5.10	ppb
Cadmium	111-1	1.13	1.04	1.10	1.09	4.02	ppb
Cadmium	106-1	2.49	2.61	3.07	2.72	11.16	ppb
Cadmium	108-1	0.91	1.01	1.06	0.99	7.47	ppb
Calcium	43-1	462.72	426.16	483.32	457.40	6.33	ppb
Calcium	44-1	461.09	426.84	454.43	447.45	4.06	ppb
Chromium	52-2	2.07	1.95	2.01	2.01	3.00	ppb
Cobalt	59-2	0.97	0.95	1.03	0.98	4.24	ppb
Copper	63-2	1.99	1.97	1.91	1.96	1.97	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				102		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	56-2	50.91	51.12	50.81	50.94	0.31	ppb
Iron	57-2	52.41	52.53	54.22	53.05	1.91	ppb
Lead	206-1	0.91	0.84	0.95	0.90	5.90	ppb
Lead	207-1	0.92	0.88	0.96	0.92	4.42	ppb
Lead	208-1	0.91	0.89	0.95	0.92	3.49	ppb
Lithium	6-1				101		%
Magnesium	24-2	483.43	471.32	478.30	477.68	1.27	ppb
Manganese	55-2	0.97	0.94	1.02	0.98	4.61	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:08:59	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.92	4.57	4.70	4.73	3.77	ppb
Molybdenum	95-1	4.57	4.52	4.76	4.62	2.77	ppb
Molybdenum	96-1	4.71	4.48	4.68	4.62	2.68	ppb
Molybdenum	97-1	4.86	4.42	4.72	4.67	4.88	ppb
Molybdenum	98-1	4.67	4.42	4.80	4.63	4.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.06	1.14	1.10	3.49	ppb
Phosphorus	31-2	8.58	8.55	9.83	8.99	8.13	ppb
Potassium	39-2	486.04	470.41	481.03	479.16	1.67	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	77-2	7.17	5.20	5.87	6.08	16.51	ppb
Selenium	78-2	4.66	5.49	5.37	5.18	8.65	ppb
Selenium	82-1	5.13	4.48	4.56	4.73	7.42	ppb
Silicon	28-1	12.49	9.43	12.46	11.46	15.35	ppb
Silver	109-1	1.02	1.02	1.04	1.03	0.99	ppb
Silver	107-1	1.00	0.96	1.06	1.00	4.98	ppb
Sodium	23-2	490.33	490.67	490.13	490.38	0.06	ppb
Strontium	86-1	0.94	0.94	0.95	0.95	0.66	ppb
Strontium	88-1	0.97	0.91	0.98	0.95	4.24	ppb
Sulfur	34-1	26.40	-376.36	-4.67	-118.21		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.96	0.94	0.91	0.94	2.68	ppb
Thallium	205-1	0.95	0.90	0.94	0.93	3.02	ppb
Tin	118-1	4.82	4.50	4.86	4.73	4.13	ppb
Titanium	47-1	4.83	4.20	5.07	4.70	9.53	ppb
Uranium	238-1	0.86	0.82	0.85	0.84	2.85	ppb
Vanadium	51-2	4.61	4.58	4.57	4.59	0.48	ppb
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	1.99	1.68	2.22	1.96	13.81	ppb
Zirconium	90-1	1.01	0.90	1.00	0.97	6.62	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:08:59	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.96	0.89	0.98	0.94	4.81	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4085-04	Instrumnet Name :	P7
Client Sample ID :	1511A	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:12:31	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1657.70	1665.00	1651.49	1658.06	0.41	ppb
Antimony	121-1	401.66	403.23	408.73	404.54	0.92	ppb
Arsenic	75-2	135.39	134.64	136.09	135.37	0.53	ppb
Barium	135-1	1617.42	1622.90	1637.89	1626.07	0.65	ppb
Barium	137-1	1609.19	1622.08	1631.58	1620.95	0.69	ppb
Beryllium	9-1	268.94	265.24	269.56	267.92	0.87	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	851.64	862.42	875.52	863.19	1.39	ppb
Boron	11-1	840.14	864.97	866.69	857.27	1.73	ppb
Cadmium	111-1	243.43	242.97	246.54	244.31	0.80	ppb
Cadmium	106-1	194.40	198.31	197.99	196.90	1.10	ppb
Cadmium	108-1	207.73	209.82	210.73	209.42	0.74	ppb
Calcium	43-1	93.46	98.71	100.05	97.41	3.58	ppb
Calcium	44-1	70.92	71.75	70.90	71.19	0.69	ppb
Chromium	52-2	130.27	127.80	129.75	129.27	1.00	ppb
Cobalt	59-2	535.06	527.77	528.24	530.36	0.77	ppb
Copper	63-2	637.74	640.02	639.21	638.99	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				103		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				107		%
Iron	56-2	2072.78	2048.39	2055.66	2058.95	0.61	ppb
Iron	57-2	2041.59	2058.71	2062.74	2054.35	0.55	ppb
Lead	206-1	1316.15	1311.68	1309.34	1312.39	0.26	ppb
Lead	207-1	1204.15	1212.82	1213.03	1210.00	0.42	ppb
Lead	208-1	1256.88	1263.00	1262.66	1260.85	0.27	ppb
Lithium	6-1				102		%
Magnesium	24-2	2.23	2.18	2.56	2.32	9.00	ppb
Manganese	55-2	1194.18	1193.85	1199.91	1195.98	0.29	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4085-04	Instrumnet Name :	P7
Client Sample ID :	1511A	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:12:31	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.15	0.15	0.14	0.15	2.32	ppb
Molybdenum	95-1	0.09	0.06	0.08	0.08	22.23	ppb
Molybdenum	96-1	0.09	0.10	0.11	0.10	10.98	ppb
Molybdenum	97-1	0.04	0.03	0.03	0.04	16.65	ppb
Molybdenum	98-1	0.08	0.08	0.10	0.09	10.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1139.13	1137.56	1143.97	1140.22	0.29	ppb
Phosphorus	31-2	10.40	7.59	6.49	8.16	24.71	ppb
Potassium	39-2	14.18	15.66	14.44	14.76	5.37	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	77-2	695.48	694.97	695.96	695.47	0.07	ppb
Selenium	78-2	720.28	716.74	735.45	724.16	1.37	ppb
Selenium	82-1	710.99	714.61	719.23	714.94	0.58	ppb
Silicon	28-1	68.03	69.16	69.74	68.98	1.27	ppb
Silver	109-1	884.51	887.01	891.73	887.75	0.41	ppb
Silver	107-1	880.52	881.28	895.58	885.79	0.96	ppb
Sodium	23-2	32.19	33.08	33.63	32.97	2.20	ppb
Strontium	86-1	131.20	129.40	132.59	131.07	1.22	ppb
Strontium	88-1	130.00	129.72	131.20	130.31	0.60	ppb
Sulfur	34-1	-504.88	-573.90	-552.11	-543.63		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	685.44	673.76	682.73	680.64	0.90	ppb
Thallium	205-1	679.58	675.69	676.15	677.14	0.31	ppb
Tin	118-1	0.30	0.36	0.41	0.36	15.32	ppb
Titanium	47-1	0.12	0.10	0.06	0.09	29.03	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	46.32	ppb
Vanadium	51-2	420.76	417.41	421.00	419.72	0.48	ppb
Yttrium	89-1				104		%
Yttrium	89-2				106		%
Zinc	66-2	912.10	911.77	910.45	911.44	0.10	ppb
Zirconium	90-1	0.08	0.08	0.07	0.07	6.59	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4085-04	Instrumnet Name :	P7
Client Sample ID :	1511A	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:12:31	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.11	0.13	0.18	0.14	26.12	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4085-03	Instrumnet Name :	P7
Client Sample ID :	1537	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:16:05	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.87	5.02	4.60	4.83	4.38	ppb
Antimony	121-1	0.28	0.27	0.27	0.27	1.80	ppb
Arsenic	75-2	0.01	0.01	0.02	0.01	35.32	ppb
Barium	135-1	2.56	2.58	2.55	2.56	0.73	ppb
Barium	137-1	2.63	2.50	2.39	2.51	4.89	ppb
Beryllium	9-1	0.09	0.07	0.03	0.06	45.81	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	42.69	40.32	35.56	39.52	9.19	ppb
Boron	11-1	42.94	39.07	36.40	39.47	8.33	ppb
Cadmium	111-1	0.11	0.14	0.15	0.13	16.71	ppb
Cadmium	106-1	1.13	2.11	2.46	1.90	36.39	ppb
Cadmium	108-1	0.11	0.05	0.03	0.06	60.95	ppb
Calcium	43-1	72904.96	73733.71	75354.52	73997.73	1.68	ppb
Calcium	44-1	73255.16	73355.01	75150.45	73920.21	1.44	ppb
Chromium	52-2	0.19	0.15	0.17	0.17	11.11	ppb
Cobalt	59-2	0.05	0.04	0.04	0.04	16.12	ppb
Copper	63-2	0.17	0.09	0.06	0.10	55.83	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				101		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	5.30	4.73	4.40	4.81	9.46	ppb
Iron	57-2	195.25	168.78	179.99	181.34	7.33	ppb
Lead	206-1	0.43	0.42	0.39	0.41	5.12	ppb
Lead	207-1	0.38	0.37	0.30	0.35	11.65	ppb
Lead	208-1	0.41	0.37	0.34	0.37	10.23	ppb
Lithium	6-1				101		%
Magnesium	24-2	9292.80	8312.20	8379.30	8661.43	6.32	ppb
Manganese	55-2	0.62	0.49	0.48	0.53	15.06	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4085-03	Instrumnet Name :	P7
Client Sample ID :	1537	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:16:05	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.14	0.15	0.12	0.14	11.41	ppb
Molybdenum	95-1	0.03	0.05	0.04	0.04	18.69	ppb
Molybdenum	96-1	0.04	0.05	0.04	0.04	13.83	ppb
Molybdenum	97-1	0.04	0.04	0.03	0.04	16.25	ppb
Molybdenum	98-1	0.03	0.03	0.04	0.03	25.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.30	0.18	0.17	0.21	34.00	ppb
Phosphorus	31-2	3.88	8.67	-9.24	1.10	840.91	ppb
Potassium	39-2	15004.17	13425.75	13457.89	13962.61	6.46	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	0.36	0.00	0.00	0.12	173.21	ppb
Selenium	78-2	0.58	0.33	-0.08	0.28	121.04	ppb
Selenium	82-1	0.52	-0.18	0.51	0.29	141.04	ppb
Silicon	28-1	43.40	46.73	47.82	45.99	5.01	ppb
Silver	109-1	0.15	0.06	0.07	0.09	48.02	ppb
Silver	107-1	0.15	0.08	0.07	0.10	43.38	ppb
Sodium	23-2	62957.02	56561.57	56789.92	58769.51	6.17	ppb
Strontium	86-1	21.75	21.69	22.85	22.10	2.94	ppb
Strontium	88-1	21.55	21.79	22.15	21.83	1.39	ppb
Sulfur	34-1	-13.90	222.28	616.85	275.08	115.85	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.15	0.11	0.10	0.12	22.05	ppb
Thallium	205-1	0.15	0.12	0.11	0.13	17.29	ppb
Tin	118-1	0.28	0.35	0.26	0.30	15.61	ppb
Titanium	47-1	0.41	0.28	0.34	0.34	19.48	ppb
Uranium	238-1	0.05	0.05	0.05	0.05	2.99	ppb
Vanadium	51-2	0.06	0.03	0.05	0.05	26.87	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	1.99	1.74	1.50	1.74	14.10	ppb
Zirconium	90-1	0.07	0.08	0.09	0.08	14.06	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4085-03	Instrumnet Name :	P7
Client Sample ID :	1537	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:16:05	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.05	0.06	0.05	17.89	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4085-05	Instrumnet Name :	P7
Client Sample ID :	1511B	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:19:38	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49.47	46.99	48.95	48.47	2.70	ppb
Antimony	121-1	6.34	6.35	6.46	6.39	1.04	ppb
Arsenic	75-2	1.97	2.19	2.10	2.09	5.25	ppb
Barium	135-1	13.10	12.89	13.34	13.11	1.74	ppb
Barium	137-1	12.98	13.03	12.67	12.90	1.52	ppb
Beryllium	9-1	0.04	0.09	0.05	0.06	49.01	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	146.60	155.78	155.54	152.64	3.43	ppb
Boron	11-1	146.41	153.21	152.62	150.74	2.50	ppb
Cadmium	111-1	0.13	0.18	0.16	0.16	16.34	ppb
Cadmium	106-1	0.73	1.77	1.64	1.38	41.37	ppb
Cadmium	108-1	2.12	1.88	1.98	1.99	5.93	ppb
Calcium	43-1	23.41	16.03	17.22	18.89	20.98	ppb
Calcium	44-1	29.15	27.42	24.04	26.87	9.67	ppb
Chromium	52-2	0.43	0.44	0.44	0.44	1.14	ppb
Cobalt	59-2	0.14	0.16	0.14	0.14	6.87	ppb
Copper	63-2	0.25	0.19	0.23	0.23	12.59	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				100		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				99		%
Iron	56-2	5.59	5.71	5.37	5.55	3.13	ppb
Iron	57-2	5.63	7.19	5.18	6.00	17.62	ppb
Lead	206-1	0.35	0.37	0.33	0.35	5.24	ppb
Lead	207-1	0.33	0.33	0.34	0.33	2.65	ppb
Lead	208-1	0.33	0.34	0.35	0.34	3.11	ppb
Lithium	6-1				103		%
Magnesium	24-2	2.41	2.25	1.58	2.08	21.18	ppb
Manganese	55-2	0.30	0.28	0.29	0.29	3.22	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4085-05	Instrumnet Name :	P7
Client Sample ID :	1511B	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:19:38	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	157.82	158.26	155.00	157.03	1.13	ppb
Molybdenum	95-1	221.77	222.37	220.51	221.55	0.43	ppb
Molybdenum	96-1	213.19	213.38	213.88	213.48	0.17	ppb
Molybdenum	97-1	220.39	222.95	220.96	221.43	0.61	ppb
Molybdenum	98-1	218.83	223.44	220.72	221.00	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.63	0.68	0.64	0.65	4.01	ppb
Phosphorus	31-2	4.41	9.90	6.93	7.08	38.82	ppb
Potassium	39-2	69.20	74.83	71.10	71.71	3.99	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	77-2	3.37	2.01	2.01	2.46	31.86	ppb
Selenium	78-2	2.90	2.83	3.41	3.05	10.42	ppb
Selenium	82-1	3.16	3.39	3.06	3.20	5.41	ppb
Silicon	28-1	1254.95	1273.87	1270.22	1266.35	0.79	ppb
Silver	109-1	0.30	0.31	0.36	0.33	9.81	ppb
Silver	107-1	0.31	0.31	0.30	0.30	2.19	ppb
Sodium	23-2	199.39	202.40	201.23	201.01	0.75	ppb
Strontium	86-1	0.32	0.30	0.29	0.30	4.19	ppb
Strontium	88-1	0.30	0.30	0.28	0.29	3.35	ppb
Sulfur	34-1	464.07	526.51	217.44	402.67	40.59	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.15	0.16	0.17	0.16	4.03	ppb
Thallium	205-1	0.16	0.16	0.18	0.17	5.35	ppb
Tin	118-1	1968.87	1974.26	1955.02	1966.05	0.50	ppb
Titanium	47-1	81.75	84.21	81.82	82.60	1.69	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	7.89	ppb
Vanadium	51-2	0.64	0.66	0.65	0.65	1.09	ppb
Yttrium	89-1				99		%
Yttrium	89-2				102		%
Zinc	66-2	1.74	1.99	1.84	1.86	6.75	ppb
Zirconium	90-1	1.49	1.45	1.41	1.45	2.81	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4085-05	Instrumnet Name :	P7
Client Sample ID :	1511B	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:19:38	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.53	1.49	1.38	1.47	5.55	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4045-04	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:36:21	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	852.06	858.08	879.57	863.24	1.67	ppb
Antimony	121-1	33.80	34.26	34.35	34.14	0.87	ppb
Arsenic	75-2	31.59	30.94	31.60	31.38	1.19	ppb
Barium	135-1	1080.35	1092.61	1087.91	1086.96	0.57	ppb
Barium	137-1	1097.76	1103.35	1105.47	1102.19	0.36	ppb
Beryllium	9-1	9.14	9.70	9.35	9.40	3.01	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	1025.21	1068.58	1076.35	1056.71	2.61	ppb
Boron	11-1	1031.59	1051.27	1071.78	1051.55	1.91	ppb
Cadmium	111-1	19.28	19.34	19.77	19.46	1.36	ppb
Cadmium	106-1	15.33	14.91	17.03	15.76	7.11	ppb
Cadmium	108-1	17.14	17.09	16.78	17.00	1.14	ppb
Calcium	43-1	6.70	2.23	3.45	4.13	56.03	ppb
Calcium	44-1	6.16	6.79	5.54	6.16	10.14	ppb
Chromium	52-2	167.91	167.19	166.76	167.29	0.35	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	25.67	ppb
Copper	63-2	101.16	101.07	101.50	101.24	0.23	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				102		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	56-2	1709.56	1708.70	1709.79	1709.35	0.03	ppb
Iron	57-2	1713.61	1707.84	1715.64	1712.37	0.24	ppb
Lead	206-1	43.37	43.73	44.32	43.81	1.10	ppb
Lead	207-1	41.06	41.67	41.94	41.56	1.09	ppb
Lead	208-1	42.03	42.81	43.20	42.68	1.39	ppb
Lithium	6-1				103		%
Magnesium	24-2	0.94	0.98	0.62	0.85	23.23	ppb
Manganese	55-2	223.06	223.90	222.28	223.08	0.36	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4045-04	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:36:21	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	64.31	64.03	65.40	64.58	1.11	ppb
Molybdenum	95-1	92.97	92.51	93.42	92.97	0.49	ppb
Molybdenum	96-1	87.86	88.81	90.21	88.96	1.33	ppb
Molybdenum	97-1	91.77	91.55	93.33	92.22	1.05	ppb
Molybdenum	98-1	92.10	92.67	93.51	92.76	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	202.41	203.48	201.78	202.56	0.43	ppb
Phosphorus	31-2	5.16	-1.26	-1.36	0.85	440.77	ppb
Potassium	39-2	6.86	5.18	6.03	6.02	14.00	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	72.45	68.76	73.42	71.55	3.43	ppb
Selenium	78-2	76.00	76.16	73.76	75.31	1.78	ppb
Selenium	82-1	74.50	75.09	75.79	75.13	0.86	ppb
Silicon	28-1	95.05	95.49	96.86	95.80	0.99	ppb
Silver	109-1	209.57	212.88	213.35	211.93	0.97	ppb
Silver	107-1	209.96	211.31	213.87	211.71	0.94	ppb
Sodium	23-2	46.70	46.62	48.45	47.25	2.19	ppb
Strontium	86-1	0.28	0.28	0.29	0.28	0.96	ppb
Strontium	88-1	0.27	0.28	0.28	0.28	1.60	ppb
Sulfur	34-1	-132.69	-79.93	-188.13	-133.58		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	6.08	6.07	6.14	6.10	0.66	ppb
Thallium	205-1	6.05	6.08	6.21	6.11	1.37	ppb
Tin	118-1	0.44	0.52	0.42	0.46	10.77	ppb
Titanium	47-1	1.40	1.34	1.52	1.42	6.29	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	29.11	ppb
Vanadium	51-2	679.95	679.65	681.30	680.30	0.13	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	1332.03	1351.68	1333.63	1339.11	0.81	ppb
Zirconium	90-1	0.09	0.09	0.08	0.09	8.70	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4045-04	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:36:21	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.11	0.11	0.12	10.68	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4084-02	Instrumnet Name :	P7
Client Sample ID :	1537	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:39:55	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.85	4.76	3.54	4.72	24.54	ppb
Antimony	121-1	0.25	0.25	0.28	0.26	6.65	ppb
Arsenic	75-2	0.03	-0.02	0.04	0.02	170.15	ppb
Barium	135-1	2.50	2.44	2.32	2.42	3.81	ppb
Barium	137-1	2.59	2.43	2.43	2.49	3.77	ppb
Beryllium	9-1	0.01	0.01	0.03	0.01	106.69	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	46.84	45.24	41.09	44.39	6.68	ppb
Boron	11-1	45.98	45.12	41.00	44.03	6.04	ppb
Cadmium	111-1	-0.01	0.11	0.05	0.05	122.41	ppb
Cadmium	106-1	-0.96	1.64	0.24	0.31	424.31	ppb
Cadmium	108-1	0.03	0.03	0.03	0.03	0.26	ppb
Calcium	43-1	73653.41	74540.37	73808.05	74000.61	0.64	ppb
Calcium	44-1	73489.81	74022.53	74137.25	73883.20	0.47	ppb
Chromium	52-2	0.15	0.15	0.18	0.16	10.64	ppb
Cobalt	59-2	0.03	0.03	0.02	0.03	17.41	ppb
Copper	63-2	0.00	0.06	-0.02	0.01	419.16	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				101		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				102		%
Iron	56-2	4.68	4.19	4.27	4.38	6.00	ppb
Iron	57-2	178.54	169.59	175.90	174.67	2.63	ppb
Lead	206-1	0.28	0.29	0.27	0.28	3.91	ppb
Lead	207-1	0.24	0.23	0.20	0.22	9.73	ppb
Lead	208-1	0.23	0.24	0.23	0.23	2.79	ppb
Lithium	6-1				102		%
Magnesium	24-2	8373.58	8354.03	8422.79	8383.47	0.42	ppb
Manganese	55-2	0.50	0.52	0.54	0.52	3.99	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4084-02	Instrumnet Name :	P7
Client Sample ID :	1537	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:39:55	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.14	0.10	0.18	0.14	26.40	ppb
Molybdenum	95-1	0.09	0.06	0.07	0.07	24.48	ppb
Molybdenum	96-1	0.08	0.08	0.07	0.08	10.17	ppb
Molybdenum	97-1	0.10	0.04	0.08	0.08	37.45	ppb
Molybdenum	98-1	0.07	0.06	0.07	0.07	9.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.18	0.12	0.17	0.16	20.00	ppb
Phosphorus	31-2	6.75	-11.85	-3.81	-2.97		ppb
Potassium	39-2	13315.39	13365.96	13408.30	13363.22	0.35	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	77-2	0.00	0.34	0.00	0.11	173.21	ppb
Selenium	78-2	0.01	0.28	-0.28	0.00	7330.93	ppb
Selenium	82-1	-0.17	-0.21	0.23	-0.05		ppb
Silicon	28-1	43.22	44.28	44.67	44.06	1.70	ppb
Silver	109-1	0.04	0.01	0.04	0.03	52.17	ppb
Silver	107-1	0.04	0.03	0.03	0.03	17.03	ppb
Sodium	23-2	56754.76	56411.66	56740.20	56635.54	0.34	ppb
Strontium	86-1	21.87	21.72	21.74	21.78	0.38	ppb
Strontium	88-1	21.91	21.86	21.83	21.87	0.18	ppb
Sulfur	34-1	86.20	270.34	327.99	228.18	55.35	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.01	0.02	0.01	35.51	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	16.41	ppb
Tin	118-1	0.38	0.36	0.33	0.36	7.01	ppb
Titanium	47-1	0.49	0.34	0.32	0.38	24.58	ppb
Uranium	238-1	0.05	0.06	0.05	0.05	4.44	ppb
Vanadium	51-2	0.06	0.05	0.05	0.05	10.26	ppb
Yttrium	89-1				99		%
Yttrium	89-2				102		%
Zinc	66-2	1.49	1.34	1.60	1.48	8.90	ppb
Zirconium	90-1	0.04	0.05	0.05	0.05	10.20	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4084-02	Instrumnet Name :	P7
Client Sample ID :	1537	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:39:55	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.08	0.04	0.06	32.02	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4084-04	Instrumnet Name :	P7
Client Sample ID :	1511B	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:43:30	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46.99	45.26	49.02	47.09	4.00	ppb
Antimony	121-1	6.32	6.40	6.29	6.34	0.92	ppb
Arsenic	75-2	2.30	2.29	2.02	2.20	7.15	ppb
Barium	135-1	13.06	12.90	13.23	13.06	1.27	ppb
Barium	137-1	12.64	12.82	12.77	12.74	0.73	ppb
Beryllium	9-1	0.08	0.06	0.04	0.06	37.40	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	156.59	159.66	159.44	158.56	1.08	ppb
Boron	11-1	151.67	154.40	156.07	154.05	1.44	ppb
Cadmium	111-1	0.12	0.15	0.14	0.13	12.01	ppb
Cadmium	106-1	1.08	0.94	0.01	0.68	86.35	ppb
Cadmium	108-1	2.43	2.11	1.86	2.13	13.29	ppb
Calcium	43-1	22.24	19.72	14.11	18.69	22.28	ppb
Calcium	44-1	27.91	25.68	24.47	26.02	6.70	ppb
Chromium	52-2	0.40	0.46	0.40	0.42	8.41	ppb
Cobalt	59-2	0.16	0.13	0.14	0.14	9.89	ppb
Copper	63-2	0.22	0.21	0.20	0.21	3.51	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				100		%
Holmium	165-2				101		%
Indium	115-1				95		%
Indium	115-2				97		%
Iron	56-2	5.43	5.42	5.34	5.40	0.94	ppb
Iron	57-2	5.51	5.05	5.58	5.38	5.31	ppb
Lead	206-1	0.34	0.31	0.31	0.32	5.59	ppb
Lead	207-1	0.33	0.30	0.32	0.32	5.04	ppb
Lead	208-1	0.31	0.30	0.32	0.31	3.06	ppb
Lithium	6-1				102		%
Magnesium	24-2	1.55	1.73	1.52	1.60	7.08	ppb
Manganese	55-2	0.27	0.29	0.25	0.27	6.39	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4084-04	Instrumnet Name :	P7
Client Sample ID :	1511B	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:43:30	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	157.85	156.72	158.42	157.66	0.55	ppb
Molybdenum	95-1	223.07	222.70	224.01	223.26	0.30	ppb
Molybdenum	96-1	213.49	214.65	213.90	214.01	0.28	ppb
Molybdenum	97-1	222.94	223.62	222.76	223.11	0.20	ppb
Molybdenum	98-1	221.76	223.47	223.28	222.84	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.69	0.66	0.61	0.65	6.17	ppb
Phosphorus	31-2	3.51	2.28	7.55	4.45	61.99	ppb
Potassium	39-2	73.28	69.95	69.34	70.86	2.99	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	77-2	3.74	3.06	2.38	3.06	22.33	ppb
Selenium	78-2	3.07	3.17	2.72	2.99	7.89	ppb
Selenium	82-1	2.81	3.04	3.47	3.10	10.77	ppb
Silicon	28-1	1281.65	1264.58	1269.43	1271.88	0.69	ppb
Silver	109-1	0.25	0.26	0.27	0.26	5.00	ppb
Silver	107-1	0.29	0.24	0.28	0.27	8.92	ppb
Sodium	23-2	207.61	208.32	195.99	203.98	3.40	ppb
Strontium	86-1	0.25	0.33	0.32	0.30	13.70	ppb
Strontium	88-1	0.29	0.30	0.29	0.29	2.21	ppb
Sulfur	34-1	255.72	236.17	150.30	214.07	26.20	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.14	0.14	0.13	0.14	3.92	ppb
Thallium	205-1	0.14	0.14	0.14	0.14	1.66	ppb
Tin	118-1	1944.21	1954.43	1959.19	1952.61	0.39	ppb
Titanium	47-1	83.70	83.49	83.39	83.53	0.19	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	15.62	ppb
Vanadium	51-2	0.66	0.71	0.60	0.66	8.11	ppb
Yttrium	89-1				98		%
Yttrium	89-2				101		%
Zinc	66-2	1.67	1.97	1.90	1.85	8.41	ppb
Zirconium	90-1	1.32	1.35	1.32	1.33	1.25	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4084-04	Instrumnet Name :	P7
Client Sample ID :	1511B	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:43:30	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.37	1.40	1.35	1.37	1.87	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4084-03	Instrumnet Name :	P7
Client Sample ID :	1511A	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:49:29	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1660.43	1667.48	1658.16	1662.03	0.29	ppb
Antimony	121-1	400.52	400.11	399.60	400.08	0.12	ppb
Arsenic	75-2	133.23	133.74	134.01	133.66	0.30	ppb
Barium	135-1	1612.41	1615.47	1613.29	1613.72	0.10	ppb
Barium	137-1	1606.24	1608.07	1614.31	1609.54	0.26	ppb
Beryllium	9-1	263.08	262.55	266.46	264.03	0.81	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	843.53	865.05	876.53	861.71	1.94	ppb
Boron	11-1	837.93	864.24	863.26	855.14	1.74	ppb
Cadmium	111-1	240.40	239.53	240.62	240.19	0.24	ppb
Cadmium	106-1	191.76	191.26	193.68	192.23	0.67	ppb
Cadmium	108-1	202.95	208.25	206.77	205.99	1.33	ppb
Calcium	43-1	102.79	101.21	110.78	104.93	4.89	ppb
Calcium	44-1	71.52	69.81	70.06	70.46	1.31	ppb
Chromium	52-2	130.99	130.24	130.49	130.57	0.30	ppb
Cobalt	59-2	534.87	527.71	526.74	529.77	0.84	ppb
Copper	63-2	646.48	640.31	642.84	643.21	0.48	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				101		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				103		%
Iron	56-2	2095.33	2062.72	2062.83	2073.63	0.91	ppb
Iron	57-2	2071.03	2050.83	2067.05	2062.97	0.52	ppb
Lead	206-1	1332.99	1323.28	1325.74	1327.33	0.38	ppb
Lead	207-1	1218.43	1213.16	1217.08	1216.22	0.23	ppb
Lead	208-1	1276.75	1266.27	1273.37	1272.13	0.42	ppb
Lithium	6-1				102		%
Magnesium	24-2	1.78	1.47	1.83	1.69	11.40	ppb
Manganese	55-2	1202.16	1201.45	1215.43	1206.34	0.65	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4084-03	Instrumnet Name :	P7
Client Sample ID :	1511A	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:49:29	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.16	0.18	0.14	0.16	14.59	ppb
Molybdenum	95-1	0.09	0.07	0.10	0.09	15.72	ppb
Molybdenum	96-1	0.11	0.09	0.08	0.09	13.79	ppb
Molybdenum	97-1	0.07	0.05	0.07	0.06	21.31	ppb
Molybdenum	98-1	0.10	0.10	0.08	0.09	15.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1150.93	1147.10	1152.29	1150.11	0.23	ppb
Phosphorus	31-2	-2.33	4.12	0.49	0.76	425.02	ppb
Potassium	39-2	13.49	9.04	12.66	11.73	20.16	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	77-2	728.05	743.84	716.94	729.61	1.85	ppb
Selenium	78-2	706.47	714.25	705.67	708.79	0.67	ppb
Selenium	82-1	709.00	713.50	706.11	709.54	0.53	ppb
Silicon	28-1	69.25	69.05	68.82	69.04	0.31	ppb
Silver	109-1	869.74	873.80	866.66	870.06	0.41	ppb
Silver	107-1	865.55	866.70	863.59	865.28	0.18	ppb
Sodium	23-2	34.46	34.19	34.30	34.32	0.40	ppb
Strontium	86-1	129.62	131.21	131.25	130.69	0.71	ppb
Strontium	88-1	130.67	129.91	131.16	130.58	0.48	ppb
Sulfur	34-1	-245.88	-359.41	-484.91	-363.40		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	692.53	684.85	687.55	688.31	0.57	ppb
Thallium	205-1	688.29	677.42	685.07	683.60	0.82	ppb
Tin	118-1	0.54	0.56	0.65	0.58	10.28	ppb
Titanium	47-1	0.14	0.09	0.10	0.11	25.61	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	7.59	ppb
Vanadium	51-2	424.48	419.46	423.68	422.54	0.64	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	921.61	906.29	917.10	915.00	0.86	ppb
Zirconium	90-1	0.06	0.05	0.08	0.06	19.10	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4084-03	Instrumnet Name :	P7
Client Sample ID :	1511A	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:49:29	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.11	0.11	0.10	10.76	ppb

LB Number : LB97116 Operator : Jaswal
 Lab Sample ID : PB111553BL Instrumnet Name : P7
 Client Sample ID : PB111553BL Dilution Factor : 1
 Date & Time Acquired :: 2018-08-03 14:57:43 DataFile Name : 031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.10	0.49	0.27	0.22	135.14	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	12.25	ppb
Arsenic	75-2	-0.01	-0.02	-0.03	-0.02		ppb
Barium	135-1	0.06	0.03	0.06	0.05	36.71	ppb
Barium	137-1	0.05	0.04	0.06	0.05	22.20	ppb
Beryllium	9-1	0.05	0.03	0.03	0.04	28.39	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	11.62	12.12	11.40	11.71	3.14	ppb
Boron	11-1	11.95	11.70	11.41	11.68	2.28	ppb
Cadmium	111-1	-0.02	-0.03	-0.04	-0.03		ppb
Cadmium	106-1	-0.55	-0.62	-0.85	-0.67		ppb
Cadmium	108-1	0.03	0.01	0.05	0.03	60.57	ppb
Calcium	43-1	0.57	2.93	1.57	1.69	69.97	ppb
Calcium	44-1	1.71	1.59	1.95	1.75	10.48	ppb
Chromium	52-2	0.02	0.01	0.04	0.03	64.13	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	37.06	ppb
Copper	63-2	-0.07	-0.10	-0.04	-0.07		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				101		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	56-2	0.45	0.37	0.46	0.43	11.90	ppb
Iron	57-2	1.05	0.79	1.04	0.96	15.15	ppb
Lead	206-1	0.08	0.06	0.08	0.07	15.09	ppb
Lead	207-1	0.06	0.06	0.06	0.06	1.64	ppb
Lead	208-1	0.06	0.06	0.07	0.06	6.36	ppb
Lithium	6-1				99		%
Magnesium	24-2	0.75	0.51	0.48	0.58	25.07	ppb
Manganese	55-2	0.06	0.03	0.04	0.04	33.47	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	PB111553BL	Instrumnet Name :	P7
Client Sample ID :	PB111553BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:57:43	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.03	0.03	0.02	58.71	ppb
Molybdenum	95-1	0.02	0.02	0.03	0.02	17.77	ppb
Molybdenum	96-1	0.03	0.01	0.02	0.02	54.84	ppb
Molybdenum	97-1	0.02	0.03	0.01	0.02	39.22	ppb
Molybdenum	98-1	0.02	0.02	0.01	0.02	30.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.02	0.04	0.03	25.97	ppb
Phosphorus	31-2	-2.12	-6.25	-3.53	-3.97		ppb
Potassium	39-2	3.69	8.08	3.10	4.96	54.87	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.67	0.22	173.21	ppb
Selenium	78-2	0.69	0.04	0.01	0.24	156.70	ppb
Selenium	82-1	0.05	0.13	0.11	0.09	43.94	ppb
Silicon	28-1	-4.47	-4.04	-4.33	-4.28		ppb
Silver	109-1	0.02	0.03	0.03	0.03	7.57	ppb
Silver	107-1	0.04	0.03	0.03	0.03	20.42	ppb
Sodium	23-2	7.33	5.88	6.86	6.69	11.08	ppb
Strontium	86-1	0.01	0.01	-0.02	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	15.63	ppb
Sulfur	34-1	-310.25	-182.91	-166.00	-219.72		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.03	0.03	0.03	0.03	6.16	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	8.49	ppb
Tin	118-1	0.36	0.64	0.34	0.44	37.52	ppb
Titanium	47-1	0.01	0.00	0.04	0.01	136.08	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	391.73	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	28.81	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	-0.35	-0.47	-0.43	-0.42		ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	43.52	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	PB111553BL	Instrumnet Name :	P7
Client Sample ID :	PB111553BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:57:43	DataFile Name :	031CCBE.d

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

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	PB111553BS	Instrumnet Name :	P7
Client Sample ID :	PB111553BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:01:16	DataFile Name :	032LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9747.91	9887.21	9770.00	9801.71	0.76	ppb
Antimony	121-1	493.23	493.61	492.10	492.98	0.16	ppb
Arsenic	75-2	498.64	498.77	499.88	499.10	0.14	ppb
Barium	135-1	2483.34	2490.41	2473.34	2482.36	0.35	ppb
Barium	137-1	2481.00	2482.29	2470.08	2477.79	0.27	ppb
Beryllium	9-1	499.17	501.66	501.09	500.64	0.26	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	474.08	491.81	515.95	493.94	4.25	ppb
Boron	11-1	478.07	490.10	502.60	490.26	2.50	ppb
Cadmium	111-1	497.67	501.31	496.40	498.46	0.51	ppb
Cadmium	106-1	500.96	503.70	494.86	499.84	0.91	ppb
Cadmium	108-1	493.89	503.75	499.01	498.88	0.99	ppb
Calcium	43-1	48998.69	49191.34	49019.86	49069.97	0.22	ppb
Calcium	44-1	48772.72	49049.42	48652.46	48824.87	0.42	ppb
Chromium	52-2	488.33	499.28	492.19	493.27	1.13	ppb
Cobalt	59-2	486.88	493.19	491.33	490.47	0.66	ppb
Copper	63-2	973.99	995.09	980.84	983.31	1.10	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				101		%
Holmium	165-2				101		%
Indium	115-1				95		%
Indium	115-2				99		%
Iron	56-2	25636.65	25856.37	25608.76	25700.59	0.53	ppb
Iron	57-2	25391.42	25793.05	25559.15	25581.21	0.79	ppb
Lead	206-1	489.12	490.88	491.37	490.46	0.24	ppb
Lead	207-1	487.89	487.19	487.87	487.65	0.08	ppb
Lead	208-1	489.00	489.28	489.29	489.19	0.03	ppb
Lithium	6-1				98		%
Magnesium	24-2	51300.26	51689.09	51057.01	51348.79	0.62	ppb
Manganese	55-2	970.57	981.42	976.65	976.21	0.56	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	PB111553BS	Instrumnet Name :	P7
Client Sample ID :	PB111553BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:01:16	DataFile Name :	032LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2460.72	2466.91	2480.49	2469.37	0.41	ppb
Molybdenum	95-1	2449.81	2480.98	2472.97	2467.92	0.66	ppb
Molybdenum	96-1	2441.98	2481.13	2461.03	2461.38	0.80	ppb
Molybdenum	97-1	2448.55	2467.71	2462.06	2459.44	0.40	ppb
Molybdenum	98-1	2455.79	2454.00	2454.91	2454.90	0.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	494.09	501.18	492.13	495.80	0.96	ppb
Phosphorus	31-2	9880.84	9929.59	9957.46	9922.63	0.39	ppb
Potassium	39-2	24894.92	25124.43	25048.20	25022.52	0.47	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				99		%
Selenium	77-2	510.61	506.48	487.80	501.63	2.42	ppb
Selenium	78-2	500.03	498.40	501.94	500.12	0.35	ppb
Selenium	82-1	489.90	494.41	498.36	494.22	0.86	ppb
Silicon	28-1	511.63	514.97	514.76	513.79	0.36	ppb
Silver	109-1	499.92	503.57	495.72	499.74	0.79	ppb
Silver	107-1	499.45	500.92	497.85	499.41	0.31	ppb
Sodium	23-2	51337.71	51838.14	51143.08	51439.65	0.70	ppb
Strontium	86-1	488.63	494.01	494.93	492.52	0.69	ppb
Strontium	88-1	490.53	497.08	493.62	493.74	0.66	ppb
Sulfur	34-1	10052.47	9974.61	9803.50	9943.53	1.28	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	493.28	496.97	496.14	495.46	0.39	ppb
Thallium	205-1	492.71	495.55	490.39	492.88	0.52	ppb
Tin	118-1	489.10	495.84	494.31	493.08	0.72	ppb
Titanium	47-1	2491.36	2479.58	2507.86	2492.93	0.57	ppb
Uranium	238-1	473.02	471.14	471.01	471.73	0.24	ppb
Vanadium	51-2	490.49	494.30	490.94	491.91	0.42	ppb
Yttrium	89-1				98		%
Yttrium	89-2				101		%
Zinc	66-2	974.45	987.64	979.17	980.42	0.68	ppb
Zirconium	90-1	491.79	489.96	492.65	491.47	0.28	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	PB111553BS	Instrumnet Name :	P7
Client Sample ID :	PB111553BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:01:16	DataFile Name :	032LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	485.78	487.07	489.65	487.50	0.40	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P7
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:04:50	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50494.82	50359.51	50188.60	50347.65	0.30	ppb
Antimony	121-1	477.72	473.37	475.78	475.62	0.46	ppb
Arsenic	75-2	463.82	463.63	467.61	465.02	0.48	ppb
Barium	135-1	2445.48	2427.22	2440.08	2437.59	0.38	ppb
Barium	137-1	2429.08	2419.00	2437.37	2428.48	0.38	ppb
Beryllium	9-1	499.62	499.80	498.34	499.25	0.16	ppb
Bismuth	209-1				89		%
Bismuth	209-2				89		%
Boron	10-1	488.94	497.57	509.72	498.74	2.09	ppb
Boron	11-1	492.48	502.50	505.01	500.00	1.33	ppb
Cadmium	111-1	467.33	463.86	467.72	466.30	0.46	ppb
Cadmium	106-1	474.10	476.05	475.33	475.16	0.21	ppb
Cadmium	108-1	473.48	466.24	464.47	468.06	1.02	ppb
Calcium	43-1	235609.63	235143.11	236679.16	235810.63	0.33	ppb
Calcium	44-1	234816.08	234484.92	235722.60	235007.87	0.27	ppb
Chromium	52-2	495.48	493.39	490.88	493.25	0.47	ppb
Cobalt	59-2	464.47	470.21	472.13	468.94	0.85	ppb
Copper	63-2	947.23	953.08	956.33	952.21	0.48	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				97		%
Holmium	165-2				99		%
Indium	115-1				90		%
Indium	115-2				95		%
Iron	56-2	122934.72	123279.15	123988.11	123400.66	0.44	ppb
Iron	57-2	122679.30	122871.80	123748.07	123099.72	0.46	ppb
Lead	206-1	492.64	493.33	501.15	495.70	0.95	ppb
Lead	207-1	490.00	493.27	494.28	492.52	0.45	ppb
Lead	208-1	491.53	494.33	495.74	493.86	0.43	ppb
Lithium	6-1				92		%
Magnesium	24-2	250655.49	249846.13	248234.84	249578.82	0.49	ppb
Manganese	55-2	965.15	959.98	966.13	963.75	0.34	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P7
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:04:50	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2469.18	2435.41	2446.14	2450.24	0.70	ppb
Molybdenum	95-1	2463.27	2426.76	2441.41	2443.82	0.75	ppb
Molybdenum	96-1	2457.81	2424.93	2444.50	2442.42	0.68	ppb
Molybdenum	97-1	2459.21	2432.18	2450.66	2447.35	0.56	ppb
Molybdenum	98-1	2449.49	2443.88	2435.17	2442.85	0.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.42	472.45	475.19	473.02	0.41	ppb
Phosphorus	31-2	9458.32	9598.56	9612.23	9556.37	0.89	ppb
Potassium	39-2	122388.87	121932.60	122352.01	122224.49	0.21	ppb
Rhodium	103-1				86		%
Rhodium	103-2				88		%
Scandium	45-1				94		%
Scandium	45-2				96		%
Selenium	77-2	442.96	450.35	446.00	446.44	0.83	ppb
Selenium	78-2	454.77	455.54	451.90	454.07	0.42	ppb
Selenium	82-1	456.20	453.06	455.39	454.88	0.36	ppb
Silicon	28-1	506.53	502.35	513.12	507.33	1.07	ppb
Silver	109-1	469.62	465.05	465.78	466.81	0.53	ppb
Silver	107-1	465.83	463.61	465.87	465.10	0.28	ppb
Sodium	23-2	249566.69	249213.47	248673.92	249151.36	0.18	ppb
Strontium	86-1	485.90	480.88	486.08	484.29	0.61	ppb
Strontium	88-1	489.31	482.61	484.65	485.53	0.71	ppb
Sulfur	34-1	9325.81	9272.27	9297.67	9298.58	0.29	ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	499.08	495.60	501.09	498.59	0.56	ppb
Thallium	205-1	497.04	495.75	503.11	498.63	0.79	ppb
Tin	118-1	480.49	477.26	480.71	479.49	0.40	ppb
Titanium	47-1	2451.00	2432.68	2432.84	2438.84	0.43	ppb
Uranium	238-1	487.68	488.33	500.38	492.13	1.45	ppb
Vanadium	51-2	485.59	484.46	480.15	483.40	0.59	ppb
Yttrium	89-1				93		%
Yttrium	89-2				98		%
Zinc	66-2	975.79	977.40	978.00	977.06	0.12	ppb
Zirconium	90-1	489.78	488.08	489.22	489.03	0.18	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P7
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:04:50	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	484.40	484.22	485.47	484.70	0.14	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCB48	Instrumnet Name :	P7
Client Sample ID :	CCB48	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:12:08	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.53	0.96	0.43	0.97	56.55	ppb
Antimony	121-1	0.23	0.24	0.25	0.24	5.41	ppb
Arsenic	75-2	0.01	-0.01	0.04	0.01	196.80	ppb
Barium	135-1	0.04	0.03	0.04	0.04	17.90	ppb
Barium	137-1	0.05	0.03	0.04	0.04	20.42	ppb
Beryllium	9-1	0.08	0.04	0.04	0.05	41.96	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	12.53	12.54	11.44	12.17	5.21	ppb
Boron	11-1	12.34	11.75	11.15	11.75	5.07	ppb
Cadmium	111-1	0.03	0.01	0.03	0.03	39.95	ppb
Cadmium	106-1	0.31	-0.02	0.54	0.27	101.91	ppb
Cadmium	108-1	0.03	-0.01	-0.01	0.01	366.61	ppb
Calcium	43-1	4.14	1.06	2.15	2.45	63.91	ppb
Calcium	44-1	4.26	4.33	3.40	4.00	12.99	ppb
Chromium	52-2	-0.01	0.04	0.02	0.02	126.76	ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	98.49	ppb
Copper	63-2	-0.11	-0.08	-0.06	-0.08		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				100		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	3.05	2.90	2.72	2.89	5.63	ppb
Iron	57-2	4.25	3.62	3.44	3.77	11.22	ppb
Lead	206-1	0.06	0.06	0.05	0.06	9.24	ppb
Lead	207-1	0.04	0.05	0.05	0.05	9.55	ppb
Lead	208-1	0.05	0.05	0.05	0.05	3.89	ppb
Lithium	6-1				98		%
Magnesium	24-2	3.23	3.19	2.81	3.08	7.49	ppb
Manganese	55-2	0.01	0.03	0.02	0.02	49.71	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCB48	Instrumnet Name :	P7
Client Sample ID :	CCB48	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:12:08	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.21	0.19	0.23	0.21	10.03	ppb
Molybdenum	95-1	0.23	0.23	0.22	0.23	2.25	ppb
Molybdenum	96-1	0.23	0.22	0.21	0.22	4.75	ppb
Molybdenum	97-1	0.23	0.24	0.22	0.23	4.05	ppb
Molybdenum	98-1	0.22	0.21	0.22	0.22	3.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.02	0.01	197.04	ppb
Phosphorus	31-2	-3.40	-1.63	-0.32	-1.78		ppb
Potassium	39-2	11.56	12.48	14.13	12.72	10.23	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.34	0.00	0.11	173.21	ppb
Selenium	78-2	0.65	0.75	0.57	0.66	13.83	ppb
Selenium	82-1	-0.07	0.05	0.17	0.05	226.79	ppb
Silicon	28-1	-4.38	-3.95	-4.03	-4.12		ppb
Silver	109-1	0.02	0.02	0.02	0.02	0.39	ppb
Silver	107-1	0.03	0.02	0.01	0.02	28.69	ppb
Sodium	23-2	19.05	20.30	16.69	18.68	9.81	ppb
Strontium	86-1	-0.02	0.01	0.01	0.00		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	0.83	ppb
Sulfur	34-1	-457.67	-531.20	-494.63	-494.50		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.04	0.04	0.04	0.04	12.47	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	14.98	ppb
Tin	118-1	0.06	0.10	0.05	0.07	34.12	ppb
Titanium	47-1	0.09	0.10	0.10	0.10	7.29	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	16.42	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	33.06	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	-0.18	-0.31	-0.04	-0.18		ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	27.11	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCB48	Instrumnet Name :	P7
Client Sample ID :	CCB48	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:12:08	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.02	0.03	0.03	12.44	ppb

LB Number : LB97116 Operator : Jaswal
 Lab Sample ID : PB111557BL Instrumnet Name : P7
 Client Sample ID : PB111557BL Dilution Factor : 1
 Date & Time Acquired :: 2018-08-03 15:15:41 DataFile Name : 035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.94	0.88	0.57	0.80	24.73	ppb
Antimony	121-1	0.08	0.12	0.12	0.11	18.52	ppb
Arsenic	75-2	-0.01	-0.01	-0.02	-0.02		ppb
Barium	135-1	0.02	0.02	0.03	0.02	22.54	ppb
Barium	137-1	0.03	0.01	0.02	0.02	39.54	ppb
Beryllium	9-1	0.02	0.04	0.04	0.04	36.03	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	9.40	9.31	8.80	9.17	3.56	ppb
Boron	11-1	9.25	8.96	9.23	9.14	1.78	ppb
Cadmium	111-1	0.06	-0.02	-0.12	-0.03		ppb
Cadmium	106-1	1.13	-0.63	-2.84	-0.78		ppb
Cadmium	108-1	-0.05	-0.05	0.01	-0.03		ppb
Calcium	43-1	0.69	-0.88	2.05	0.62	236.57	ppb
Calcium	44-1	2.74	2.21	1.97	2.31	17.13	ppb
Chromium	52-2	0.04	0.03	0.03	0.04	24.46	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.06	-0.04	-0.14	-0.08		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				97		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				101		%
Iron	56-2	1.24	1.08	1.26	1.19	8.40	ppb
Iron	57-2	1.30	1.54	1.90	1.58	18.93	ppb
Lead	206-1	0.06	0.05	0.06	0.06	4.42	ppb
Lead	207-1	0.05	0.04	0.04	0.04	10.60	ppb
Lead	208-1	0.05	0.04	0.05	0.05	15.65	ppb
Lithium	6-1				96		%
Magnesium	24-2	1.67	1.31	1.35	1.44	13.88	ppb
Manganese	55-2	0.02	0.06	0.03	0.04	55.95	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	PB111557BL	Instrumnet Name :	P7
Client Sample ID :	PB111557BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:15:41	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.09	0.11	0.09	12.69	ppb
Molybdenum	95-1	0.10	0.10	0.12	0.11	10.72	ppb
Molybdenum	96-1	0.09	0.09	0.09	0.09	0.20	ppb
Molybdenum	97-1	0.08	0.09	0.13	0.10	25.40	ppb
Molybdenum	98-1	0.09	0.09	0.10	0.09	3.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.02	0.02	20.42	ppb
Phosphorus	31-2	-10.19	-0.30	2.12	-2.79		ppb
Potassium	39-2	6.46	18.52	12.85	12.61	47.85	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	77-2	0.34	0.68	0.00	0.34	100.24	ppb
Selenium	78-2	0.48	0.05	1.07	0.53	96.21	ppb
Selenium	82-1	0.32	0.08	0.03	0.14	107.20	ppb
Silicon	28-1	-3.64	-3.53	-3.08	-3.42		ppb
Silver	109-1	0.01	0.01	0.01	0.01	37.50	ppb
Silver	107-1	0.01	0.01	0.01	0.01	19.58	ppb
Sodium	23-2	13.51	12.18	12.88	12.86	5.19	ppb
Strontium	86-1	0.02	0.02	0.01	0.02	44.52	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	19.77	ppb
Sulfur	34-1	-209.64	-210.93	-208.61	-209.73		ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	0.02	0.02	0.02	0.02	5.45	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	9.53	ppb
Tin	118-1	0.33	0.38	0.31	0.34	11.16	ppb
Titanium	47-1	0.03	0.05	0.03	0.04	33.94	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	55.85	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	48.78	ppb
Yttrium	89-1				97		%
Yttrium	89-2				101		%
Zinc	66-2	0.74	0.61	1.00	0.78	25.68	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	22.15	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	PB111557BL	Instrumnet Name :	P7
Client Sample ID :	PB111557BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:15:41	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.00	0.02	0.01	237.84	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	PB111557BS	Instrumnet Name :	P7
Client Sample ID :	PB111557BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:19:14	DataFile Name :	036LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9833.43	9856.35	9964.00	9884.59	0.71	ppb
Antimony	121-1	505.89	509.71	502.65	506.08	0.70	ppb
Arsenic	75-2	505.65	507.71	507.72	507.03	0.23	ppb
Barium	135-1	2544.77	2576.99	2545.85	2555.87	0.72	ppb
Barium	137-1	2532.29	2550.09	2552.89	2545.09	0.44	ppb
Beryllium	9-1	512.44	520.59	522.70	518.58	1.04	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Boron	10-1	484.49	503.91	507.73	498.71	2.50	ppb
Boron	11-1	490.20	495.03	510.62	498.62	2.14	ppb
Cadmium	111-1	506.60	513.12	513.95	511.22	0.79	ppb
Cadmium	106-1	515.77	518.95	508.09	514.27	1.09	ppb
Cadmium	108-1	504.45	510.88	508.74	508.02	0.64	ppb
Calcium	43-1	49951.25	50142.49	50221.45	50105.06	0.28	ppb
Calcium	44-1	49891.45	49696.84	49882.29	49823.53	0.22	ppb
Chromium	52-2	494.80	499.61	498.37	497.59	0.50	ppb
Cobalt	59-2	487.81	492.40	495.95	492.05	0.83	ppb
Copper	63-2	983.88	990.65	994.49	989.67	0.54	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				99		%
Holmium	165-2				101		%
Indium	115-1				94		%
Indium	115-2				99		%
Iron	56-2	25665.70	25849.58	25843.73	25786.34	0.41	ppb
Iron	57-2	25669.66	25630.53	25958.54	25752.91	0.70	ppb
Lead	206-1	498.79	501.21	496.47	498.82	0.48	ppb
Lead	207-1	494.02	495.32	493.95	494.43	0.16	ppb
Lead	208-1	497.55	499.63	497.75	498.31	0.23	ppb
Lithium	6-1				95		%
Magnesium	24-2	51410.21	51985.49	52050.52	51815.41	0.68	ppb
Manganese	55-2	978.36	984.09	985.28	982.58	0.38	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	PB111557BS	Instrumnet Name :	P7
Client Sample ID :	PB111557BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:19:14	DataFile Name :	036LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2527.18	2535.09	2542.45	2534.91	0.30	ppb
Molybdenum	95-1	2506.07	2526.95	2530.23	2521.08	0.52	ppb
Molybdenum	96-1	2513.40	2539.02	2522.91	2525.11	0.51	ppb
Molybdenum	97-1	2523.70	2532.63	2532.85	2529.73	0.21	ppb
Molybdenum	98-1	2514.26	2534.09	2527.25	2525.20	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.59	500.65	506.82	500.35	1.32	ppb
Phosphorus	31-2	10070.77	10278.67	10227.30	10192.25	1.06	ppb
Potassium	39-2	25346.59	25418.08	25564.13	25442.93	0.44	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				100		%
Selenium	77-2	494.64	479.18	505.85	493.23	2.72	ppb
Selenium	78-2	497.55	508.69	519.13	508.45	2.12	ppb
Selenium	82-1	509.30	509.88	510.63	509.94	0.13	ppb
Silicon	28-1	519.42	518.22	527.98	521.87	1.02	ppb
Silver	109-1	513.98	515.62	513.45	514.35	0.22	ppb
Silver	107-1	512.33	512.21	512.80	512.45	0.06	ppb
Sodium	23-2	51600.45	51769.57	52180.30	51850.11	0.58	ppb
Strontium	86-1	506.16	506.44	504.39	505.66	0.22	ppb
Strontium	88-1	507.77	507.74	505.09	506.86	0.30	ppb
Sulfur	34-1	10055.31	9764.51	9829.92	9883.25	1.54	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	495.49	505.43	500.76	500.56	0.99	ppb
Thallium	205-1	501.13	506.02	501.82	502.99	0.53	ppb
Tin	118-1	505.47	508.89	504.63	506.33	0.45	ppb
Titanium	47-1	2532.92	2536.47	2544.62	2538.00	0.24	ppb
Uranium	238-1	475.39	476.55	478.01	476.65	0.28	ppb
Vanadium	51-2	493.28	497.47	499.73	496.83	0.66	ppb
Yttrium	89-1				97		%
Yttrium	89-2				101		%
Zinc	66-2	975.70	987.16	996.11	986.32	1.04	ppb
Zirconium	90-1	505.01	507.08	502.82	504.97	0.42	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	PB111557BS	Instrumnet Name :	P7
Client Sample ID :	PB111557BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:19:14	DataFile Name :	036LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	497.19	500.29	498.85	498.77	0.31	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCV49	Instrumnet Name :	P7
Client Sample ID :	CCV49	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:22:49	DataFile Name :	037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51145.34	50943.63	50915.27	51001.42	0.25	ppb
Antimony	121-1	485.04	477.91	482.09	481.68	0.74	ppb
Arsenic	75-2	476.17	474.36	475.92	475.48	0.21	ppb
Barium	135-1	2486.22	2460.85	2476.29	2474.45	0.52	ppb
Barium	137-1	2475.51	2468.00	2481.59	2475.03	0.28	ppb
Beryllium	9-1	511.30	513.97	514.41	513.22	0.33	ppb
Bismuth	209-1				86		%
Bismuth	209-2				87		%
Boron	10-1	507.71	520.37	523.45	517.18	1.61	ppb
Boron	11-1	505.23	512.83	513.61	510.55	0.91	ppb
Cadmium	111-1	473.48	469.77	469.08	470.78	0.50	ppb
Cadmium	106-1	476.52	475.41	477.11	476.35	0.18	ppb
Cadmium	108-1	474.45	465.90	477.38	472.58	1.26	ppb
Calcium	43-1	240267.53	241908.24	239753.70	240643.16	0.47	ppb
Calcium	44-1	239730.82	241186.19	239485.78	240134.26	0.38	ppb
Chromium	52-2	498.05	490.07	497.73	495.28	0.91	ppb
Cobalt	59-2	472.10	466.85	472.30	470.42	0.66	ppb
Copper	63-2	965.02	958.35	964.13	962.50	0.38	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				96		%
Holmium	165-2				97		%
Indium	115-1				88		%
Indium	115-2				94		%
Iron	56-2	124364.94	123621.29	124587.66	124191.30	0.41	ppb
Iron	57-2	124146.13	122876.20	124546.73	123856.35	0.70	ppb
Lead	206-1	505.41	505.01	505.83	505.42	0.08	ppb
Lead	207-1	502.03	501.78	502.87	502.23	0.11	ppb
Lead	208-1	503.98	503.68	504.46	504.04	0.08	ppb
Lithium	6-1				89		%
Magnesium	24-2	251025.15	249959.85	249001.89	249995.63	0.40	ppb
Manganese	55-2	970.04	965.73	974.65	970.14	0.46	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCV49	Instrumnet Name :	P7
Client Sample ID :	CCV49	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:22:49	DataFile Name :	037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2482.20	2475.24	2467.80	2475.08	0.29	ppb
Molybdenum	95-1	2471.33	2473.75	2459.92	2468.33	0.30	ppb
Molybdenum	96-1	2473.40	2471.59	2450.30	2465.10	0.52	ppb
Molybdenum	97-1	2471.65	2477.63	2457.29	2468.86	0.42	ppb
Molybdenum	98-1	2473.14	2486.79	2451.58	2470.50	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	477.74	473.01	478.31	476.35	0.61	ppb
Phosphorus	31-2	9801.24	9802.71	9703.32	9769.09	0.58	ppb
Potassium	39-2	124635.02	123979.79	124663.98	124426.27	0.31	ppb
Rhodium	103-1				85		%
Rhodium	103-2				87		%
Scandium	45-1				92		%
Scandium	45-2				96		%
Selenium	77-2	468.73	478.80	441.64	463.06	4.15	ppb
Selenium	78-2	467.95	475.09	469.78	470.94	0.79	ppb
Selenium	82-1	460.27	458.23	459.39	459.30	0.22	ppb
Silicon	28-1	515.93	519.46	519.04	518.14	0.37	ppb
Silver	109-1	476.35	469.06	473.36	472.92	0.77	ppb
Silver	107-1	472.19	467.42	474.13	471.25	0.73	ppb
Sodium	23-2	250824.27	248532.56	250186.80	249847.88	0.47	ppb
Strontium	86-1	495.05	492.33	491.53	492.97	0.37	ppb
Strontium	88-1	496.68	493.05	493.12	494.28	0.42	ppb
Sulfur	34-1	9488.75	9605.73	9450.78	9515.09	0.85	ppb
Terbium	159-1				95		%
Terbium	159-2				96		%
Thallium	203-1	509.55	503.61	506.54	506.57	0.59	ppb
Thallium	205-1	509.38	506.30	508.17	507.95	0.31	ppb
Tin	118-1	484.48	482.63	487.50	484.87	0.51	ppb
Titanium	47-1	2505.20	2489.21	2514.43	2502.95	0.51	ppb
Uranium	238-1	492.51	492.26	496.14	493.64	0.44	ppb
Vanadium	51-2	490.07	485.54	487.85	487.82	0.46	ppb
Yttrium	89-1				93		%
Yttrium	89-2				97		%
Zinc	66-2	1009.17	1013.22	1016.95	1013.11	0.38	ppb
Zirconium	90-1	496.82	494.17	495.66	495.55	0.27	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCV49	Instrumnet Name :	P7
Client Sample ID :	CCV49	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:22:49	DataFile Name :	037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	491.36	489.54	491.77	490.89	0.24	ppb

LB Number : LB97116 Operator : Jaswal
 Lab Sample ID : CCB49 Instrumnet Name : P7
 Client Sample ID : CCB49 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-03 15:32:50 DataFile Name : 038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.35	0.92	1.49	1.25	23.56	ppb
Antimony	121-1	0.17	0.20	0.19	0.19	7.55	ppb
Arsenic	75-2	0.00	0.01	-0.01	0.00	7778.48	ppb
Barium	135-1	0.05	0.02	0.04	0.04	35.06	ppb
Barium	137-1	0.02	0.03	0.02	0.03	14.05	ppb
Beryllium	9-1	0.04	0.03	0.05	0.04	32.51	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	9.48	7.91	8.34	8.58	9.48	ppb
Boron	11-1	9.07	8.75	8.12	8.65	5.59	ppb
Cadmium	111-1	-0.05	-0.06	-0.04	-0.05		ppb
Cadmium	106-1	-1.03	-1.36	-0.89	-1.09		ppb
Cadmium	108-1	0.05	0.03	0.07	0.05	38.04	ppb
Calcium	43-1	1.09	1.36	4.73	2.39	84.99	ppb
Calcium	44-1	3.26	3.93	3.65	3.61	9.36	ppb
Chromium	52-2	0.03	0.00	0.05	0.03	82.18	ppb
Cobalt	59-2	0.01	0.01	0.00	0.00	55.22	ppb
Copper	63-2	-0.08	-0.13	-0.14	-0.12		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				100		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				103		%
Iron	56-2	2.17	2.24	2.51	2.31	7.76	ppb
Iron	57-2	3.06	3.83	2.72	3.20	17.72	ppb
Lead	206-1	0.05	0.07	0.07	0.06	12.68	ppb
Lead	207-1	0.06	0.06	0.06	0.06	8.01	ppb
Lead	208-1	0.05	0.06	0.06	0.06	7.62	ppb
Lithium	6-1				97		%
Magnesium	24-2	2.93	3.70	3.63	3.42	12.50	ppb
Manganese	55-2	0.05	0.06	0.04	0.05	17.71	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCB49	Instrumnet Name :	P7
Client Sample ID :	CCB49	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:32:50	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.13	0.15	0.15	0.14	10.09	ppb
Molybdenum	95-1	0.18	0.16	0.17	0.17	5.21	ppb
Molybdenum	96-1	0.17	0.15	0.15	0.16	6.55	ppb
Molybdenum	97-1	0.20	0.15	0.16	0.17	13.19	ppb
Molybdenum	98-1	0.17	0.16	0.16	0.16	3.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	0.02	0.02	64.67	ppb
Phosphorus	31-2	0.10	6.98	-17.19	-3.37		ppb
Potassium	39-2	4.97	12.59	7.33	8.30	47.02	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				102		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.09	0.67	0.45	0.40	73.41	ppb
Selenium	82-1	0.31	0.07	0.01	0.13	121.37	ppb
Silicon	28-1	-4.47	-3.82	-4.42	-4.24		ppb
Silver	109-1	0.01	0.01	0.01	0.01	18.41	ppb
Silver	107-1	0.01	0.01	0.01	0.01	5.43	ppb
Sodium	23-2	13.32	14.56	14.54	14.14	5.02	ppb
Strontium	86-1	-0.03	-0.02	-0.01	-0.02		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	50.54	ppb
Sulfur	34-1	-535.65	-556.81	-505.52	-532.66		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.03	0.03	0.02	0.03	19.13	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	18.65	ppb
Tin	118-1	0.31	0.33	0.34	0.33	4.30	ppb
Titanium	47-1	0.08	0.07	0.08	0.08	7.78	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	37.55	ppb
Vanadium	51-2	0.01	0.01	0.00	0.00	87.59	ppb
Yttrium	89-1				98		%
Yttrium	89-2				103		%
Zinc	66-2	0.50	0.32	0.49	0.44	22.73	ppb
Zirconium	90-1	0.02	0.01	0.03	0.02	44.20	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCB49	Instrumnet Name :	P7
Client Sample ID :	CCB49	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:32:50	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.00	0.00	0.01	105.39	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4244-01	Instrumnet Name :	P7
Client Sample ID :	MH0B17	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:36:23	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.51	23.17	20.74	22.47	6.70	ppb
Antimony	121-1	0.57	0.57	0.62	0.59	5.18	ppb
Arsenic	75-2	3.74	3.84	3.70	3.76	1.96	ppb
Barium	135-1	13.75	13.55	14.18	13.82	2.32	ppb
Barium	137-1	13.48	13.79	14.00	13.76	1.88	ppb
Beryllium	9-1	0.05	0.06	0.06	0.06	17.65	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Boron	10-1	46.80	45.46	45.03	45.76	2.02	ppb
Boron	11-1	45.35	44.93	44.97	45.09	0.52	ppb
Cadmium	111-1	15.52	15.57	15.57	15.55	0.21	ppb
Cadmium	106-1	11.25	10.89	12.37	11.50	6.69	ppb
Cadmium	108-1	13.54	13.32	14.42	13.76	4.24	ppb
Calcium	43-1	273481.33	275391.10	275274.00	274715.48	0.39	ppb
Calcium	44-1	272695.26	273931.93	275417.03	274014.74	0.50	ppb
Chromium	52-2	0.66	0.66	0.69	0.67	2.88	ppb
Cobalt	59-2	11.43	11.35	11.54	11.44	0.83	ppb
Copper	63-2	6.02	6.09	6.20	6.10	1.46	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				103		%
Holmium	165-2				105		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	56-2	76.32	76.81	75.18	76.10	1.10	ppb
Iron	57-2	682.80	680.12	677.35	680.09	0.40	ppb
Lead	206-1	0.37	0.37	0.34	0.36	4.26	ppb
Lead	207-1	0.34	0.31	0.30	0.31	6.07	ppb
Lead	208-1	0.35	0.35	0.32	0.34	5.59	ppb
Lithium	6-1				99		%
Magnesium	24-2	71781.65	71578.69	71035.28	71465.21	0.54	ppb
Manganese	55-2	11346.78	11411.10	11220.90	11326.26	0.85	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4244-01	Instrumnet Name :	P7
Client Sample ID :	MH0B17	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:36:23	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.32	0.27	0.30	0.29	8.87	ppb
Molybdenum	95-1	0.41	0.38	0.35	0.38	7.99	ppb
Molybdenum	96-1	0.14	0.15	0.14	0.14	2.96	ppb
Molybdenum	97-1	0.15	0.10	0.12	0.12	17.95	ppb
Molybdenum	98-1	0.11	0.12	0.11	0.11	4.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.37	5.42	5.15	5.31	2.76	ppb
Phosphorus	31-2	17.95	12.87	-3.53	9.10	123.42	ppb
Potassium	39-2	10103.07	10086.93	9986.26	10058.75	0.63	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	0.33	0.00	0.66	0.33	100.00	ppb
Selenium	78-2	0.50	0.52	0.66	0.56	15.11	ppb
Selenium	82-1	1.10	1.33	1.45	1.29	13.61	ppb
Silicon	28-1	390.01	395.95	392.19	392.72	0.77	ppb
Silver	109-1	0.20	0.22	0.23	0.22	7.53	ppb
Silver	107-1	0.20	0.21	0.23	0.21	7.98	ppb
Sodium	23-2	304187.03	306208.63	301235.24	303876.97	0.82	ppb
Strontium	86-1	988.42	982.50	991.51	987.48	0.46	ppb
Strontium	88-1	993.45	979.26	995.66	989.46	0.90	ppb
Sulfur	34-1	443469.73	445794.01	448087.95	445783.90	0.52	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.40	0.42	0.39	0.41	4.04	ppb
Thallium	205-1	0.38	0.39	0.39	0.39	0.94	ppb
Tin	118-1	0.13	0.10	0.12	0.12	10.52	ppb
Titanium	47-1	0.52	0.70	0.56	0.60	15.81	ppb
Uranium	238-1	0.33	0.33	0.32	0.33	2.05	ppb
Vanadium	51-2	0.16	0.17	0.17	0.17	2.93	ppb
Yttrium	89-1				100		%
Yttrium	89-2				104		%
Zinc	66-2	1093.14	1096.90	1080.52	1090.19	0.79	ppb
Zirconium	90-1	0.13	0.14	0.12	0.13	7.59	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4244-01	Instrumnet Name :	P7
Client Sample ID :	MH0B17	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:36:23	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.16	0.16	0.10	0.14	25.12	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4244-07	Instrumnet Name :	P7
Client Sample ID :	MH0B24	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:40:01	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.36	23.73	24.29	23.79	1.96	ppb
Antimony	121-1	0.52	0.57	0.58	0.56	5.43	ppb
Arsenic	75-2	3.96	3.98	3.93	3.96	0.67	ppb
Barium	135-1	13.87	13.82	13.71	13.80	0.58	ppb
Barium	137-1	13.92	14.05	14.08	14.01	0.60	ppb
Beryllium	9-1	0.06	0.05	0.06	0.06	6.63	ppb
Bismuth	209-1				90		%
Bismuth	209-2				91		%
Boron	10-1	46.59	46.09	49.53	47.40	3.92	ppb
Boron	11-1	47.48	48.18	47.23	47.63	1.03	ppb
Cadmium	111-1	20.75	20.62	20.51	20.63	0.58	ppb
Cadmium	106-1	15.51	17.64	16.47	16.54	6.45	ppb
Cadmium	108-1	17.70	18.31	18.45	18.15	2.20	ppb
Calcium	43-1	311570.77	308194.32	313626.22	311130.44	0.88	ppb
Calcium	44-1	310420.42	308633.02	311298.92	310117.45	0.44	ppb
Chromium	52-2	0.18	0.20	0.20	0.19	5.57	ppb
Cobalt	59-2	12.06	12.06	12.19	12.11	0.64	ppb
Copper	63-2	6.87	7.00	6.89	6.92	1.05	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				97		%
Holmium	165-2				100		%
Indium	115-1				91		%
Indium	115-2				98		%
Iron	56-2	96.45	95.79	96.29	96.17	0.36	ppb
Iron	57-2	765.73	779.02	787.80	777.52	1.43	ppb
Lead	206-1	0.29	0.31	0.28	0.30	5.58	ppb
Lead	207-1	0.27	0.25	0.26	0.26	3.42	ppb
Lead	208-1	0.28	0.28	0.26	0.27	2.82	ppb
Lithium	6-1				95		%
Magnesium	24-2	87969.93	87702.88	89383.70	88352.17	1.02	ppb
Manganese	55-2	25625.25	25482.46	25789.60	25632.44	0.60	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4244-07	Instrumnet Name :	P7
Client Sample ID :	MH0B24	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:40:01	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.24	0.24	0.28	0.25	8.92	ppb
Molybdenum	95-1	0.67	0.68	0.65	0.67	2.84	ppb
Molybdenum	96-1	0.16	0.16	0.13	0.15	10.51	ppb
Molybdenum	97-1	0.11	0.12	0.12	0.12	3.37	ppb
Molybdenum	98-1	0.12	0.13	0.11	0.12	10.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.97	5.99	5.73	5.90	2.42	ppb
Phosphorus	31-2	6.76	0.78	18.09	8.54	102.93	ppb
Potassium	39-2	11325.84	11304.38	11362.01	11330.74	0.26	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	77-2	0.35	0.69	0.00	0.35	99.86	ppb
Selenium	78-2	0.45	0.49	1.49	0.81	72.52	ppb
Selenium	82-1	1.21	1.35	1.25	1.27	5.83	ppb
Silicon	28-1	369.22	364.45	366.17	366.61	0.66	ppb
Silver	109-1	0.18	0.22	0.20	0.20	9.49	ppb
Silver	107-1	0.19	0.20	0.20	0.20	3.20	ppb
Sodium	23-2	324635.61	322201.84	325866.74	324234.73	0.58	ppb
Strontium	86-1	1123.50	1125.53	1121.68	1123.57	0.17	ppb
Strontium	88-1	1125.79	1129.31	1130.29	1128.46	0.21	ppb
Sulfur	34-1	514299.50	508509.53	511749.21	511519.41	0.57	ppb
Terbium	159-1				96		%
Terbium	159-2				99		%
Thallium	203-1	0.39	0.36	0.40	0.38	5.49	ppb
Thallium	205-1	0.37	0.38	0.37	0.37	1.06	ppb
Tin	118-1	0.12	0.12	0.11	0.12	3.92	ppb
Titanium	47-1	0.63	0.54	0.60	0.59	7.66	ppb
Uranium	238-1	0.29	0.27	0.28	0.28	2.58	ppb
Vanadium	51-2	0.20	0.19	0.20	0.20	3.56	ppb
Yttrium	89-1				93		%
Yttrium	89-2				98		%
Zinc	66-2	879.85	880.29	886.06	882.07	0.39	ppb
Zirconium	90-1	0.10	0.11	0.12	0.11	10.48	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4244-07	Instrumnet Name :	P7
Client Sample ID :	MH0B24	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:40:01	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.11	0.10	0.10	8.68	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4244-01DLX10	Instrumnet Name :	P7
Client Sample ID :	MH0B17DL	Dilution Factor :	10
Date & Time Acquired ::	2018-08-03 15:43:39	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.38	3.77	2.95	3.03	23.03	ppb
Antimony	121-1	0.09	0.10	0.09	0.09	8.12	ppb
Arsenic	75-2	0.38	0.31	0.34	0.35	9.28	ppb
Barium	135-1	1.33	1.50	1.43	1.42	6.09	ppb
Barium	137-1	1.48	1.39	1.42	1.43	3.29	ppb
Beryllium	9-1	0.00	0.02	0.05	0.02	95.95	ppb
Bismuth	209-1				92		%
Bismuth	209-2				95		%
Boron	10-1	10.99	9.68	10.23	10.30	6.40	ppb
Boron	11-1	10.83	10.79	9.78	10.47	5.70	ppb
Cadmium	111-1	1.71	1.70	1.77	1.73	2.41	ppb
Cadmium	106-1	2.34	1.74	1.87	1.98	15.92	ppb
Cadmium	108-1	1.36	1.80	1.44	1.53	15.24	ppb
Calcium	43-1	27085.07	27251.58	27319.51	27218.72	0.44	ppb
Calcium	44-1	27182.02	27218.50	27220.82	27207.11	0.08	ppb
Chromium	52-2	0.09	0.10	0.11	0.10	9.80	ppb
Cobalt	59-2	1.16	1.19	1.16	1.17	1.70	ppb
Copper	63-2	1.08	0.99	1.05	1.04	4.68	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				93		%
Holmium	165-2				98		%
Indium	115-1				90		%
Indium	115-2				99		%
Iron	56-2	8.82	8.84	8.66	8.77	1.12	ppb
Iron	57-2	70.27	71.99	70.64	70.97	1.28	ppb
Lead	206-1	0.06	0.06	0.06	0.06	4.09	ppb
Lead	207-1	0.05	0.06	0.06	0.05	3.07	ppb
Lead	208-1	0.05	0.05	0.05	0.05	3.04	ppb
Lithium	6-1				93		%
Magnesium	24-2	7205.33	7175.52	7151.76	7177.53	0.37	ppb
Manganese	55-2	1152.05	1141.82	1140.58	1144.82	0.55	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4244-01DLX10	Instrumnet Name :	P7
Client Sample ID :	MH0B17DL	Dilution Factor :	10
Date & Time Acquired ::	2018-08-03 15:43:39	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.04	0.05	0.05	28.88	ppb
Molybdenum	95-1	0.07	0.10	0.09	0.08	16.72	ppb
Molybdenum	96-1	0.06	0.05	0.04	0.05	14.07	ppb
Molybdenum	97-1	0.05	0.04	0.06	0.05	23.40	ppb
Molybdenum	98-1	0.03	0.05	0.05	0.04	19.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.62	0.65	0.65	0.64	2.61	ppb
Phosphorus	31-2	-1.65	0.98	2.15	0.49	393.57	ppb
Potassium	39-2	1009.06	1007.46	1002.67	1006.40	0.33	ppb
Rhodium	103-1				89		%
Rhodium	103-2				93		%
Scandium	45-1				91		%
Scandium	45-2				94		%
Selenium	77-2	0.70	0.00	0.34	0.35	100.70	ppb
Selenium	78-2	0.13	0.29	0.20	0.20	38.14	ppb
Selenium	82-1	0.02	0.33	0.52	0.29	86.68	ppb
Silicon	28-1	38.65	37.56	37.10	37.77	2.11	ppb
Silver	109-1	0.08	0.06	0.05	0.06	19.32	ppb
Silver	107-1	0.06	0.07	0.06	0.06	9.67	ppb
Sodium	23-2	30803.57	30633.67	30343.25	30593.50	0.76	ppb
Strontium	86-1	98.62	98.69	97.29	98.20	0.80	ppb
Strontium	88-1	97.12	97.70	97.58	97.46	0.31	ppb
Sulfur	34-1	44940.77	44941.96	44225.57	44702.77	0.92	ppb
Terbium	159-1				93		%
Terbium	159-2				97		%
Thallium	203-1	0.03	0.03	0.03	0.03	11.23	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	13.61	ppb
Tin	118-1	0.27	0.26	0.23	0.25	7.50	ppb
Titanium	47-1	0.13	0.09	0.10	0.11	19.86	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	7.82	ppb
Vanadium	51-2	0.02	0.03	0.02	0.02	19.37	ppb
Yttrium	89-1				91		%
Yttrium	89-2				98		%
Zinc	66-2	121.35	119.05	118.69	119.70	1.20	ppb
Zirconium	90-1	0.01	0.02	0.03	0.02	61.67	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4244-01DLX10	Instrumnet Name :	P7
Client Sample ID :	MH0B17DL	Dilution Factor :	10
Date & Time Acquired ::	2018-08-03 15:43:39	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	-0.01	0.00	233.75	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4244-07DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0B24DL	Dilution Factor :	20
Date & Time Acquired ::	2018-08-03 15:47:13	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.69	1.68	1.87	1.75	6.08	ppb
Antimony	121-1	0.07	0.06	0.06	0.07	9.83	ppb
Arsenic	75-2	0.22	0.12	0.21	0.19	29.54	ppb
Barium	135-1	0.91	0.71	0.71	0.78	15.10	ppb
Barium	137-1	0.73	0.76	0.71	0.73	3.43	ppb
Beryllium	9-1	0.04	0.01	0.02	0.03	57.30	ppb
Bismuth	209-1				94		%
Bismuth	209-2				97		%
Boron	10-1	6.14	7.11	6.97	6.74	7.76	ppb
Boron	11-1	7.22	7.42	6.91	7.19	3.59	ppb
Cadmium	111-1	1.23	1.11	1.05	1.13	8.11	ppb
Cadmium	106-1	1.27	1.29	0.74	1.10	28.00	ppb
Cadmium	108-1	0.92	1.24	1.09	1.09	14.79	ppb
Calcium	43-1	15841.10	15591.26	15085.35	15505.90	2.48	ppb
Calcium	44-1	15694.90	15435.30	15137.12	15422.44	1.81	ppb
Chromium	52-2	0.04	0.03	0.03	0.04	15.65	ppb
Cobalt	59-2	0.63	0.61	0.65	0.63	3.60	ppb
Copper	63-2	0.56	0.61	0.62	0.59	5.02	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				95		%
Holmium	165-2				99		%
Indium	115-1				92		%
Indium	115-2				100		%
Iron	56-2	5.73	5.99	5.79	5.84	2.34	ppb
Iron	57-2	38.32	42.08	37.05	39.15	6.67	ppb
Lead	206-1	0.06	0.06	0.08	0.07	17.42	ppb
Lead	207-1	0.04	0.05	0.06	0.05	17.68	ppb
Lead	208-1	0.05	0.05	0.07	0.06	17.46	ppb
Lithium	6-1				94		%
Magnesium	24-2	4476.31	4459.19	4556.06	4497.19	1.15	ppb
Manganese	55-2	1290.09	1278.95	1298.47	1289.17	0.76	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4244-07DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0B24DL	Dilution Factor :	20
Date & Time Acquired ::	2018-08-03 15:47:13	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.05	0.06	0.05	14.66	ppb
Molybdenum	95-1	0.04	0.09	0.07	0.07	31.82	ppb
Molybdenum	96-1	0.05	0.04	0.04	0.04	14.64	ppb
Molybdenum	97-1	0.03	0.02	0.04	0.03	35.68	ppb
Molybdenum	98-1	0.03	0.04	0.03	0.03	9.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.32	0.33	0.31	0.32	3.45	ppb
Phosphorus	31-2	3.28	-5.22	9.41	2.49	295.17	ppb
Potassium	39-2	567.38	567.64	579.52	571.51	1.21	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				93		%
Scandium	45-2				95		%
Selenium	77-2	0.00	0.34	0.00	0.11	173.21	ppb
Selenium	78-2	0.09	0.63	0.49	0.40	70.44	ppb
Selenium	82-1	0.01	0.14	0.36	0.17	102.76	ppb
Silicon	28-1	15.48	14.58	13.64	14.57	6.30	ppb
Silver	109-1	0.05	0.04	0.03	0.04	20.81	ppb
Silver	107-1	0.04	0.04	0.03	0.04	7.19	ppb
Sodium	23-2	16399.05	16273.46	16437.80	16370.10	0.52	ppb
Strontium	86-1	56.82	57.20	55.25	56.42	1.83	ppb
Strontium	88-1	56.59	56.47	54.61	55.89	1.98	ppb
Sulfur	34-1	33226.18	32069.92	31148.42	32148.18	3.24	ppb
Terbium	159-1				94		%
Terbium	159-2				98		%
Thallium	203-1	0.03	0.03	0.03	0.03	6.41	ppb
Thallium	205-1	0.02	0.03	0.02	0.02	17.03	ppb
Tin	118-1	0.22	0.24	0.22	0.23	4.11	ppb
Titanium	47-1	0.13	0.09	0.05	0.09	48.69	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	29.78	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	61.00	ppb
Yttrium	89-1				92		%
Yttrium	89-2				99		%
Zinc	66-2	49.99	50.66	51.30	50.65	1.29	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	14.52	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4244-07DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0B24DL	Dilution Factor :	20
Date & Time Acquired ::	2018-08-03 15:47:13	DataFile Name :	042SMPL.d

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

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P7
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:56:19	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50398.20	50801.17	50884.49	50694.62	0.51	ppb
Antimony	121-1	472.20	481.42	481.21	478.28	1.10	ppb
Arsenic	75-2	471.32	473.17	470.66	471.71	0.28	ppb
Barium	135-1	2431.48	2489.28	2474.33	2465.03	1.22	ppb
Barium	137-1	2427.81	2498.44	2472.36	2466.20	1.45	ppb
Beryllium	9-1	501.01	510.49	501.57	504.36	1.05	ppb
Bismuth	209-1				84		%
Bismuth	209-2				86		%
Boron	10-1	482.18	504.31	489.04	491.84	2.30	ppb
Boron	11-1	475.35	493.90	490.22	486.49	2.02	ppb
Cadmium	111-1	462.15	470.15	468.73	467.01	0.91	ppb
Cadmium	106-1	463.05	469.91	472.49	468.48	1.04	ppb
Cadmium	108-1	457.51	477.41	471.41	468.77	2.18	ppb
Calcium	43-1	236575.30	240179.87	239160.30	238638.49	0.78	ppb
Calcium	44-1	236863.21	238613.32	238431.27	237969.27	0.40	ppb
Chromium	52-2	488.12	495.57	492.07	491.92	0.76	ppb
Cobalt	59-2	466.56	471.64	468.99	469.06	0.54	ppb
Copper	63-2	966.36	975.32	975.66	972.45	0.54	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				92		%
Holmium	165-2				96		%
Indium	115-1				85		%
Indium	115-2				93		%
Iron	56-2	123779.03	124073.13	124317.28	124056.48	0.22	ppb
Iron	57-2	123169.04	124243.84	123949.92	123787.60	0.45	ppb
Lead	206-1	495.80	509.69	501.85	502.44	1.39	ppb
Lead	207-1	492.42	507.63	498.75	499.60	1.53	ppb
Lead	208-1	494.23	509.77	500.65	501.55	1.56	ppb
Lithium	6-1				88		%
Magnesium	24-2	246059.00	247406.66	248632.78	247366.15	0.52	ppb
Manganese	55-2	964.38	972.76	970.31	969.15	0.44	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P7
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:56:19	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2445.63	2514.58	2490.20	2483.47	1.41	ppb
Molybdenum	95-1	2442.25	2500.45	2472.91	2471.87	1.18	ppb
Molybdenum	96-1	2439.88	2505.75	2470.08	2471.90	1.33	ppb
Molybdenum	97-1	2438.11	2502.68	2477.00	2472.60	1.31	ppb
Molybdenum	98-1	2428.81	2509.38	2478.93	2472.37	1.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	472.46	476.34	475.83	474.88	0.44	ppb
Phosphorus	31-2	9641.06	9691.71	9563.25	9632.01	0.67	ppb
Potassium	39-2	122507.04	123443.90	124209.91	123386.95	0.69	ppb
Rhodium	103-1				82		%
Rhodium	103-2				85		%
Scandium	45-1				90		%
Scandium	45-2				94		%
Selenium	77-2	471.45	445.95	464.53	460.64	2.86	ppb
Selenium	78-2	460.15	457.69	467.23	461.69	1.07	ppb
Selenium	82-1	450.17	467.08	456.17	457.81	1.87	ppb
Silicon	28-1	504.36	520.23	513.79	512.79	1.56	ppb
Silver	109-1	468.30	476.72	473.28	472.77	0.90	ppb
Silver	107-1	462.54	472.57	472.74	469.28	1.24	ppb
Sodium	23-2	245589.22	249385.45	246679.06	247217.91	0.79	ppb
Strontium	86-1	486.73	496.39	489.62	490.91	1.01	ppb
Strontium	88-1	490.43	497.85	492.45	493.58	0.78	ppb
Sulfur	34-1	9312.76	9680.39	9400.42	9464.52	2.03	ppb
Terbium	159-1				92		%
Terbium	159-2				95		%
Thallium	203-1	498.44	511.98	503.05	504.49	1.37	ppb
Thallium	205-1	499.92	510.33	504.81	505.02	1.03	ppb
Tin	118-1	477.40	491.13	484.75	484.43	1.42	ppb
Titanium	47-1	2469.94	2516.29	2494.39	2493.54	0.93	ppb
Uranium	238-1	488.50	499.34	492.14	493.33	1.12	ppb
Vanadium	51-2	482.17	487.01	483.60	484.26	0.51	ppb
Yttrium	89-1				89		%
Yttrium	89-2				96		%
Zinc	66-2	1025.00	1035.09	1028.66	1029.58	0.50	ppb
Zirconium	90-1	487.35	501.81	497.83	495.66	1.51	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P7
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:56:19	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	483.71	493.22	491.20	489.38	1.02	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P7
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 16:07:16	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.58	0.13	0.43	0.38	60.10	ppb
Antimony	121-1	0.10	0.12	0.10	0.11	6.25	ppb
Arsenic	75-2	-0.01	0.01	-0.01	0.00		ppb
Barium	135-1	0.01	0.02	0.01	0.02	49.02	ppb
Barium	137-1	0.01	0.02	0.01	0.01	45.28	ppb
Beryllium	9-1	0.05	0.11	0.07	0.08	39.87	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	6.91	6.62	7.10	6.88	3.47	ppb
Boron	11-1	6.91	7.01	6.42	6.78	4.62	ppb
Cadmium	111-1	-0.02	0.01	0.02	0.00	1117.78	ppb
Cadmium	106-1	-0.54	0.22	0.45	0.04	1200.29	ppb
Cadmium	108-1	0.09	0.08	0.10	0.09	12.96	ppb
Calcium	43-1	5.27	-2.40	-0.57	0.77	521.97	ppb
Calcium	44-1	3.26	1.57	1.11	1.98	57.05	ppb
Chromium	52-2	0.03	0.02	0.01	0.02	47.50	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	777.52	ppb
Copper	63-2	-0.05	-0.09	-0.05	-0.06		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				97		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				102		%
Iron	56-2	0.70	0.89	0.96	0.85	15.99	ppb
Iron	57-2	2.34	1.78	2.44	2.19	16.14	ppb
Lead	206-1	0.02	0.03	0.02	0.02	25.20	ppb
Lead	207-1	0.03	0.04	0.03	0.03	19.71	ppb
Lead	208-1	0.03	0.03	0.02	0.03	10.56	ppb
Lithium	6-1				96		%
Magnesium	24-2	1.33	1.50	1.23	1.36	10.09	ppb
Manganese	55-2	0.03	0.01	0.03	0.02	52.92	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P7
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 16:07:16	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.14	0.13	0.12	0.13	7.71	ppb
Molybdenum	95-1	0.12	0.10	0.09	0.10	12.68	ppb
Molybdenum	96-1	0.10	0.09	0.11	0.10	9.55	ppb
Molybdenum	97-1	0.13	0.10	0.09	0.11	21.06	ppb
Molybdenum	98-1	0.10	0.10	0.09	0.10	4.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.01	0.00	131.93	ppb
Phosphorus	31-2	-7.29	-9.94	-7.22	-8.15		ppb
Potassium	39-2	13.16	6.54	11.93	10.54	33.41	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.34	0.34	0.22	86.60	ppb
Selenium	78-2	-0.10	0.79	0.03	0.24	200.52	ppb
Selenium	82-1	-0.05	0.27	0.23	0.15	114.96	ppb
Silicon	28-1	-4.91	-5.20	-5.11	-5.07		ppb
Silver	109-1	0.02	0.02	0.02	0.02	15.89	ppb
Silver	107-1	0.02	0.01	0.02	0.02	26.04	ppb
Sodium	23-2	18.56	15.78	17.40	17.25	8.10	ppb
Strontium	86-1	0.05	0.01	-0.02	0.01	232.59	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	10.86	ppb
Sulfur	34-1	-389.33	-382.00	-380.75	-384.03		ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	0.02	0.02	0.02	0.02	13.59	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	6.01	ppb
Tin	118-1	0.17	0.17	0.17	0.17	0.39	ppb
Titanium	47-1	0.03	0.02	-0.01	0.01	147.79	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	82.98	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	96.56	ppb
Yttrium	89-1				95		%
Yttrium	89-2				102		%
Zinc	66-2	-0.48	-0.52	-0.60	-0.53		ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	13.41	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P7
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 16:07:16	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.02	0.02	0.02	19.73	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4085-04RE	Instrumnet Name :	P7
Client Sample ID :	1511ARE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 16:10:49	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1678.33	1677.80	1678.66	1678.27	0.03	ppb
Antimony	121-1	402.46	401.79	400.94	401.73	0.19	ppb
Arsenic	75-2	135.97	135.11	133.76	134.95	0.83	ppb
Barium	135-1	1632.51	1621.72	1626.50	1626.91	0.33	ppb
Barium	137-1	1625.82	1621.94	1624.19	1623.98	0.12	ppb
Beryllium	9-1	271.60	269.44	269.37	270.14	0.47	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	839.03	866.09	883.89	863.01	2.62	ppb
Boron	11-1	820.60	852.11	864.11	845.61	2.66	ppb
Cadmium	111-1	243.21	241.29	240.42	241.64	0.59	ppb
Cadmium	106-1	191.80	193.08	196.18	193.69	1.16	ppb
Cadmium	108-1	210.32	210.03	206.57	208.97	1.00	ppb
Calcium	43-1	97.21	102.33	103.46	101.00	3.30	ppb
Calcium	44-1	72.00	74.53	73.42	73.32	1.73	ppb
Chromium	52-2	132.65	133.50	131.75	132.63	0.66	ppb
Cobalt	59-2	537.78	540.51	540.29	539.53	0.28	ppb
Copper	63-2	646.49	654.70	653.00	651.40	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				98		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				103		%
Iron	56-2	2129.70	2124.65	2114.62	2122.99	0.36	ppb
Iron	57-2	2107.86	2127.35	2108.95	2114.72	0.52	ppb
Lead	206-1	1334.68	1352.11	1343.89	1343.56	0.65	ppb
Lead	207-1	1216.80	1235.30	1228.35	1226.82	0.76	ppb
Lead	208-1	1276.63	1292.20	1288.58	1285.80	0.63	ppb
Lithium	6-1				98		%
Magnesium	24-2	2.48	3.13	2.66	2.75	12.19	ppb
Manganese	55-2	1239.26	1240.29	1227.69	1235.75	0.57	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4085-04RE	Instrumnet Name :	P7
Client Sample ID :	1511ARE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 16:10:49	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.26	0.23	0.24	0.24	6.80	ppb
Molybdenum	95-1	0.13	0.12	0.12	0.13	4.99	ppb
Molybdenum	96-1	0.18	0.18	0.16	0.17	6.13	ppb
Molybdenum	97-1	0.08	0.09	0.10	0.09	7.18	ppb
Molybdenum	98-1	0.14	0.16	0.14	0.14	7.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1151.45	1169.15	1157.19	1159.26	0.78	ppb
Phosphorus	31-2	0.42	-10.19	8.66	-0.37		ppb
Potassium	39-2	15.50	20.71	15.30	17.17	17.87	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	77-2	719.07	710.10	720.72	716.63	0.80	ppb
Selenium	78-2	712.72	726.34	718.79	719.29	0.95	ppb
Selenium	82-1	719.47	719.09	714.97	717.84	0.35	ppb
Silicon	28-1	69.40	71.93	69.93	70.42	1.90	ppb
Silver	109-1	890.19	888.20	880.02	886.14	0.61	ppb
Silver	107-1	885.00	877.87	878.31	880.39	0.45	ppb
Sodium	23-2	42.13	43.17	41.69	42.33	1.80	ppb
Strontium	86-1	133.62	133.28	131.87	132.92	0.70	ppb
Strontium	88-1	133.19	132.91	131.67	132.59	0.61	ppb
Sulfur	34-1	-681.43	-761.85	-881.23	-774.84		ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	692.76	696.21	694.12	694.36	0.25	ppb
Thallium	205-1	695.43	698.38	698.44	697.42	0.25	ppb
Tin	118-1	0.32	0.48	0.35	0.38	22.12	ppb
Titanium	47-1	0.18	0.10	0.14	0.14	32.00	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	16.95	ppb
Vanadium	51-2	429.66	432.49	430.11	430.75	0.35	ppb
Yttrium	89-1				97		%
Yttrium	89-2				103		%
Zinc	66-2	931.89	935.46	931.43	932.93	0.24	ppb
Zirconium	90-1	0.09	0.11	0.09	0.10	10.25	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4085-04RE	Instrumnet Name :	P7
Client Sample ID :	1511ARE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 16:10:49	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.15	0.14	0.14	0.14	5.36	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4085-03RE	Instrumnet Name :	P7
Client Sample ID :	1537RE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 16:14:22	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.30	4.05	3.60	4.32	20.41	ppb
Antimony	121-1	0.29	0.32	0.30	0.30	4.08	ppb
Arsenic	75-2	0.01	0.04	0.05	0.03	72.81	ppb
Barium	135-1	2.71	2.60	2.51	2.61	3.86	ppb
Barium	137-1	2.55	2.62	2.56	2.58	1.41	ppb
Beryllium	9-1	0.07	0.11	0.10	0.09	24.91	ppb
Bismuth	209-1				93		%
Bismuth	209-2				95		%
Boron	10-1	45.33	43.40	43.03	43.92	2.81	ppb
Boron	11-1	44.71	43.33	41.24	43.10	4.06	ppb
Cadmium	111-1	0.04	0.11	0.12	0.09	52.57	ppb
Cadmium	106-1	-0.24	0.72	1.50	0.66	132.25	ppb
Cadmium	108-1	0.16	0.03	0.12	0.10	60.35	ppb
Calcium	43-1	74487.36	74338.78	74951.23	74592.46	0.43	ppb
Calcium	44-1	74511.28	74279.23	74905.55	74565.35	0.42	ppb
Chromium	52-2	0.19	0.18	0.20	0.19	6.23	ppb
Cobalt	59-2	0.06	0.06	0.06	0.06	4.42	ppb
Copper	63-2	0.07	0.04	0.01	0.04	65.46	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				97		%
Holmium	165-2				101		%
Indium	115-1				94		%
Indium	115-2				101		%
Iron	56-2	5.49	5.41	5.02	5.31	4.68	ppb
Iron	57-2	168.54	175.67	168.86	171.02	2.36	ppb
Lead	206-1	0.50	0.47	0.44	0.47	6.41	ppb
Lead	207-1	0.42	0.35	0.40	0.39	9.75	ppb
Lead	208-1	0.46	0.41	0.40	0.42	7.20	ppb
Lithium	6-1				95		%
Magnesium	24-2	8226.62	8212.77	8267.95	8235.78	0.35	ppb
Manganese	55-2	0.61	0.64	0.59	0.62	3.85	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4085-03RE	Instrumnet Name :	P7
Client Sample ID :	1537RE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 16:14:22	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.22	0.24	0.24	0.24	4.50	ppb
Molybdenum	95-1	0.05	0.08	0.08	0.07	19.29	ppb
Molybdenum	96-1	0.09	0.09	0.06	0.08	25.37	ppb
Molybdenum	97-1	0.08	0.06	0.06	0.07	12.38	ppb
Molybdenum	98-1	0.06	0.07	0.07	0.07	8.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.24	0.25	0.24	6.02	ppb
Phosphorus	31-2	3.36	-8.81	-0.69	-2.05		ppb
Potassium	39-2	13591.52	13440.95	13506.59	13513.02	0.56	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.34	0.11	173.21	ppb
Selenium	78-2	0.34	-0.27	-0.42	-0.12		ppb
Selenium	82-1	0.79	0.43	0.62	0.61	28.69	ppb
Silicon	28-1	43.49	46.05	45.27	44.94	2.92	ppb
Silver	109-1	0.11	0.10	0.11	0.11	6.21	ppb
Silver	107-1	0.11	0.13	0.10	0.11	17.17	ppb
Sodium	23-2	55900.69	56044.02	55621.33	55855.34	0.38	ppb
Strontium	86-1	22.35	22.34	22.43	22.38	0.21	ppb
Strontium	88-1	21.73	22.22	22.20	22.05	1.27	ppb
Sulfur	34-1	-124.76	202.28	365.20	147.57	169.08	ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	0.14	0.13	0.12	0.13	9.82	ppb
Thallium	205-1	0.14	0.13	0.11	0.13	14.14	ppb
Tin	118-1	0.35	0.37	0.31	0.34	8.55	ppb
Titanium	47-1	0.42	0.41	0.40	0.41	2.92	ppb
Uranium	238-1	0.06	0.06	0.05	0.06	3.21	ppb
Vanadium	51-2	0.07	0.06	0.06	0.07	11.94	ppb
Yttrium	89-1				95		%
Yttrium	89-2				102		%
Zinc	66-2	2.31	2.42	2.28	2.33	3.12	ppb
Zirconium	90-1	0.13	0.11	0.11	0.12	11.41	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4085-03RE	Instrumnet Name :	P7
Client Sample ID :	1537RE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 16:14:22	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.09	0.09	0.09	3.84	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P7
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 16:17:55	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50287.24	50210.02	50686.68	50394.65	0.51	ppb
Antimony	121-1	473.67	473.52	471.12	472.77	0.30	ppb
Arsenic	75-2	468.80	468.98	467.25	468.35	0.20	ppb
Barium	135-1	2441.24	2458.82	2423.12	2441.06	0.73	ppb
Barium	137-1	2441.84	2455.22	2424.26	2440.44	0.64	ppb
Beryllium	9-1	503.81	504.39	505.67	504.62	0.19	ppb
Bismuth	209-1				85		%
Bismuth	209-2				87		%
Boron	10-1	490.19	485.73	500.61	492.18	1.55	ppb
Boron	11-1	486.31	491.00	501.45	492.92	1.57	ppb
Cadmium	111-1	462.81	461.95	463.92	462.89	0.21	ppb
Cadmium	106-1	473.81	457.57	469.11	466.83	1.79	ppb
Cadmium	108-1	461.48	469.10	463.76	464.78	0.84	ppb
Calcium	43-1	234641.52	234935.34	237600.27	235725.71	0.69	ppb
Calcium	44-1	235887.28	234859.48	236574.39	235773.72	0.37	ppb
Chromium	52-2	492.06	488.27	490.72	490.35	0.39	ppb
Cobalt	59-2	465.54	465.54	466.20	465.76	0.08	ppb
Copper	63-2	993.96	990.25	991.65	991.95	0.19	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				94		%
Holmium	165-2				98		%
Indium	115-1				87		%
Indium	115-2				95		%
Iron	56-2	123735.58	123221.64	123816.18	123591.13	0.26	ppb
Iron	57-2	123388.38	123646.96	123264.94	123433.42	0.16	ppb
Lead	206-1	496.03	500.70	496.32	497.68	0.53	ppb
Lead	207-1	496.37	498.51	495.03	496.64	0.35	ppb
Lead	208-1	497.13	498.93	496.59	497.55	0.25	ppb
Lithium	6-1				89		%
Magnesium	24-2	246519.28	246468.52	246954.98	246647.59	0.11	ppb
Manganese	55-2	961.94	960.79	970.92	964.55	0.58	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P7
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 16:17:55	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2461.32	2467.06	2472.57	2466.98	0.23	ppb
Molybdenum	95-1	2441.56	2452.22	2467.20	2453.66	0.52	ppb
Molybdenum	96-1	2438.88	2440.34	2451.98	2443.74	0.29	ppb
Molybdenum	97-1	2442.22	2450.30	2457.78	2450.10	0.32	ppb
Molybdenum	98-1	2441.77	2459.68	2458.53	2453.32	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	474.01	473.61	475.11	474.24	0.16	ppb
Phosphorus	31-2	9759.18	9710.92	9663.11	9711.07	0.49	ppb
Potassium	39-2	122682.75	123129.89	123601.06	123137.90	0.37	ppb
Rhodium	103-1				84		%
Rhodium	103-2				87		%
Scandium	45-1				92		%
Scandium	45-2				96		%
Selenium	77-2	469.94	462.06	464.28	465.43	0.87	ppb
Selenium	78-2	465.32	454.41	463.14	460.96	1.25	ppb
Selenium	82-1	452.52	453.23	453.50	453.08	0.11	ppb
Silicon	28-1	509.80	506.50	511.49	509.26	0.50	ppb
Silver	109-1	466.34	470.09	465.73	467.39	0.51	ppb
Silver	107-1	466.11	465.09	462.94	464.71	0.35	ppb
Sodium	23-2	247058.33	246210.43	248209.48	247159.41	0.41	ppb
Strontium	86-1	484.89	487.52	491.30	487.90	0.66	ppb
Strontium	88-1	487.51	489.21	491.15	489.29	0.37	ppb
Sulfur	34-1	9477.18	9271.93	9292.61	9347.24	1.21	ppb
Terbium	159-1				94		%
Terbium	159-2				97		%
Thallium	203-1	501.58	496.65	501.47	499.90	0.56	ppb
Thallium	205-1	500.57	504.89	499.99	501.82	0.53	ppb
Tin	118-1	478.22	478.94	477.24	478.13	0.18	ppb
Titanium	47-1	2472.68	2479.17	2471.88	2474.57	0.16	ppb
Uranium	238-1	489.83	488.31	487.70	488.61	0.22	ppb
Vanadium	51-2	484.35	483.99	483.87	484.07	0.05	ppb
Yttrium	89-1				91		%
Yttrium	89-2				98		%
Zinc	66-2	985.18	992.25	993.81	990.41	0.46	ppb
Zirconium	90-1	490.46	492.20	492.09	491.58	0.20	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P7
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 16:17:55	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	482.74	485.27	487.33	485.12	0.47	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCB51	Instrumnet Name :	P7
Client Sample ID :	CCB51	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 16:29:16	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.27	0.12	0.49	0.29	63.21	ppb
Antimony	121-1	0.11	0.14	0.15	0.13	15.54	ppb
Arsenic	75-2	-0.01	-0.01	0.00	-0.01		ppb
Barium	135-1	0.00	0.01	0.03	0.01	91.26	ppb
Barium	137-1	0.02	0.01	0.02	0.02	24.64	ppb
Beryllium	9-1	0.09	0.06	0.04	0.06	36.68	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	8.92	7.34	7.67	7.98	10.42	ppb
Boron	11-1	7.92	7.83	7.16	7.64	5.45	ppb
Cadmium	111-1	-0.06	0.03	-0.02	-0.02		ppb
Cadmium	106-1	-1.32	0.29	-0.35	-0.46		ppb
Cadmium	108-1	0.07	-0.01	0.03	0.03	116.75	ppb
Calcium	43-1	0.70	1.44	0.21	0.78	79.54	ppb
Calcium	44-1	1.94	2.09	3.44	2.49	33.02	ppb
Chromium	52-2	0.03	0.02	0.01	0.02	67.13	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	128.15	ppb
Copper	63-2	-0.14	-0.11	-0.12	-0.12		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				98		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				103		%
Iron	56-2	1.08	1.17	1.13	1.13	3.67	ppb
Iron	57-2	1.21	1.77	0.88	1.29	34.76	ppb
Lead	206-1	0.05	0.05	0.05	0.05	8.10	ppb
Lead	207-1	0.03	0.06	0.04	0.04	29.51	ppb
Lead	208-1	0.04	0.05	0.04	0.05	8.86	ppb
Lithium	6-1				97		%
Magnesium	24-2	1.77	1.70	1.60	1.69	4.97	ppb
Manganese	55-2	0.01	0.05	0.02	0.03	73.06	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCB51	Instrumnet Name :	P7
Client Sample ID :	CCB51	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 16:29:16	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.14	0.15	0.13	0.14	4.47	ppb
Molybdenum	95-1	0.14	0.12	0.13	0.13	9.90	ppb
Molybdenum	96-1	0.11	0.10	0.12	0.11	7.77	ppb
Molybdenum	97-1	0.15	0.11	0.12	0.12	17.34	ppb
Molybdenum	98-1	0.13	0.11	0.10	0.11	15.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	-0.01	0.00		ppb
Phosphorus	31-2	-16.98	1.82	3.22	-3.98		ppb
Potassium	39-2	7.93	4.36	8.92	7.07	33.91	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.57	0.20	0.70	0.49	52.29	ppb
Selenium	82-1	0.15	-0.23	0.12	0.01	1910.16	ppb
Silicon	28-1	-4.65	-5.63	-4.49	-4.93		ppb
Silver	109-1	0.02	0.01	0.01	0.01	15.36	ppb
Silver	107-1	0.02	0.02	0.01	0.01	33.72	ppb
Sodium	23-2	17.28	17.66	16.87	17.27	2.29	ppb
Strontium	86-1	-0.02	-0.01	0.05	0.01	693.17	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	42.74	ppb
Sulfur	34-1	-376.51	-429.42	-282.62	-362.85		ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.01	0.02	0.02	10.27	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	9.81	ppb
Tin	118-1	0.16	0.13	0.13	0.14	10.78	ppb
Titanium	47-1	0.01	0.03	0.04	0.03	60.51	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	59.87	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	65.74	ppb
Yttrium	89-1				97		%
Yttrium	89-2				102		%
Zinc	66-2	-0.47	-0.50	-0.56	-0.51		ppb
Zirconium	90-1	0.05	0.03	0.04	0.04	26.00	ppb

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCB51	Instrumnet Name :	P7
Client Sample ID :	CCB51	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 16:29:16	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.04	0.05	0.04	22.63	ppb

LB Number : LB97116 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-03 12:13:04 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	42	33	36	13.33	cps
Antimony	121-1	33	42	50	42	20.00	cps
Arsenic	75-2	9	20	30	20	51.63	cps
Barium	135-1	8	8	50	22	108.27	cps
Barium	137-1	50	25	33	36	35.25	cps
Beryllium	9-1	44	56	78	59	28.64	cps
Bismuth	209-1	9752361	10071263	9823844	9882489	1.69	cps
Bismuth	209-2	5947739	5968991	5951162	5955964	0.19	cps
Boron	10-1	242	300	225	256	15.41	cps
Boron	11-1	942	1008	975	975	3.42	cps
Cadmium	111-1	1972	2123	1943	2013	4.79	cps
Cadmium	106-1	4951	5293	4859	5034	4.54	cps
Cadmium	108-1	13	4	13	10	49.46	cps
Calcium	43-1	233	142	200	192	24.21	cps
Calcium	44-1	5485	5526	5418	5476	1.00	cps
Chromium	52-2	533	523	537	531	1.31	cps
Cobalt	59-2	60	87	60	69	22.35	cps
Copper	63-2	3037	3140	2934	3037	3.40	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	58	58	42	69.29	cps
Erbium	164-2	13	23	17	18	28.64	cps
Gadolinium	160-1	92	42	83	72	37.09	cps
Gadolinium	160-2	213	253	180	216	17.03	cps
Holmium	165-1	14596231	15120665	14840745	14852547	1.77	cps
Holmium	165-2	7926599	7960561	7902620	7929927	0.37	cps
Indium	115-1	11845928	12212800	11930552	11996427	1.60	cps
Indium	115-2	2494999	2486068	2483823	2488297	0.24	cps
Iron	56-2	5257	5229	5240	5242	0.27	cps
Iron	57-2	239	172	272	228	22.35	cps
Lead	206-1	378	422	333	378	11.76	cps
Lead	207-1	372	356	317	348	8.19	cps
Lead	208-1	1539	1979	1356	1625	19.72	cps
Lithium	6-1	3061367	3114077	3034425	3069956	1.32	cps
Magnesium	24-2	150	150	108	136	17.67	cps
Manganese	55-2	97	160	83	113	36.14	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:13:04	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	250	417	383	350	25.20	cps
Molybdenum	95-1	67	33	42	47	36.74	cps
Molybdenum	96-1	108	200	83	131	47.05	cps
Molybdenum	97-1	17	58	33	36	58.08	cps
Molybdenum	98-1	67	58	83	69	18.33	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	77	83	60	73	16.39	cps
Phosphorus	31-2	150	167	125	147	14.24	cps
Potassium	39-2	31443	32537	32027	32002	1.71	cps
Rhodium	103-1	10666605	11048560	10752208	10822458	1.85	cps
Rhodium	103-2	5371038	5352210	5328738	5350662	0.40	cps
Scandium	45-1	7078421	7389099	7183999	7217173	2.19	cps
Scandium	45-2	339669	341982	342195	341282	0.41	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	96	69	80	81	17.16	cps
Selenium	82-1	35	-81	33	-4	-1609.56	cps
Silicon	28-1	287167	295920	283394	288827	2.22	cps
Silver	109-1	58	75	8	47	73.48	cps
Silver	107-1	67	92	92	83	17.32	cps
Sodium	23-2	12597	12531	12731	12620	0.81	cps
Strontium	86-1	825	717	550	697	19.87	cps
Strontium	88-1	117	100	192	136	35.87	cps
Sulfur	34-1	424078	420640	424023	422914	0.47	cps
Terbium	159-1	15061057	15511169	15034399	15202208	1.76	cps
Terbium	159-2	7839910	7907558	7841259	7862909	0.49	cps
Thallium	203-1	42	58	33	44	28.65	cps
Thallium	205-1	150	150	142	147	3.27	cps
Tin	118-1	1233	1450	2027	1570	26.11	cps
Titanium	47-1	42	142	67	83	62.45	cps
Uranium	238-1	75	50	33	53	39.74	cps
Vanadium	51-2	3	3	13	7	86.65	cps
Yttrium	89-1	11893837	12293612	11921928	12036459	1.85	cps
Yttrium	89-2	1839911	1844414	1840350	1841558	0.13	cps
Zinc	66-2	577	680	667	641	8.77	cps
Zirconium	90-1	992	875	925	931	6.29	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:13:04	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	275	217	217	26.92	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:21:25	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2192	2175	2359	2242	4.52	cps
Antimony	121-1	19564	19155	19831	19517	1.74	cps
Arsenic	75-2	393	433	352	393	10.38	cps
Barium	135-1	24982	24247	25357	24862	2.27	cps
Barium	137-1	43778	44079	44012	43957	0.36	cps
Beryllium	9-1	2384	2300	2334	2339	1.79	cps
Bismuth	209-1	9490776	9440997	9417029	9449600	0.40	cps
Bismuth	209-2	5869082	5866356	5809297	5848245	0.58	cps
Boron	10-1	6977	7069	6810	6952	1.88	cps
Boron	11-1	33780	33797	33213	33597	0.99	cps
Cadmium	111-1	4675	4782	4876	4778	2.10	cps
Cadmium	106-1	5351	5476	5785	5537	4.03	cps
Cadmium	108-1	213	233	246	231	7.30	cps
Calcium	43-1	15984	15300	15417	15567	2.35	cps
Calcium	44-1	249115	250151	249978	249748	0.22	cps
Chromium	52-2	7342	7392	7632	7455	2.08	cps
Cobalt	59-2	5658	5394	5581	5544	2.44	cps
Copper	63-2	10644	10968	10794	10802	1.50	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	33	58	75	56	37.75	cps
Erbium	164-2	33	30	23	29	17.63	cps
Gadolinium	160-1	83	75	67	75	11.11	cps
Gadolinium	160-2	250	180	143	191	28.36	cps
Holmium	165-1	14259679	14199364	14163707	14207583	0.34	cps
Holmium	165-2	7762107	7801736	7777957	7780600	0.26	cps
Indium	115-1	11568985	11496830	11527977	11531264	0.31	cps
Indium	115-2	2506418	2530756	2542394	2526523	0.73	cps
Iron	56-2	148055	148727	148071	148284	0.26	cps
Iron	57-2	3984	3828	4112	3975	3.57	cps
Lead	206-1	9025	8614	8875	8838	2.36	cps
Lead	207-1	8458	8053	8030	8181	2.95	cps
Lead	208-1	36910	36315	35553	36259	1.88	cps
Lithium	6-1	2993353	2950794	2944499	2962882	0.90	cps
Magnesium	24-2	124674	122574	124756	124002	1.00	cps
Manganese	55-2	2207	2297	2044	2182	5.89	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:21:25	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	21559	21100	21467	21375	1.14	cps
Molybdenum	95-1	25616	26125	25307	25682	1.61	cps
Molybdenum	96-1	28079	27920	27536	27845	1.00	cps
Molybdenum	97-1	15701	15250	15676	15542	1.63	cps
Molybdenum	98-1	41252	39598	40759	40536	2.10	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	1637	1527	1517	1560	4.27	cps
Phosphorus	31-2	208	167	217	197	13.58	cps
Potassium	39-2	156853	158858	155767	157159	1.00	cps
Rhodium	103-1	10491766	10421363	10437608	10450246	0.35	cps
Rhodium	103-2	5292020	5262270	5287769	5280686	0.30	cps
Scandium	45-1	6989579	7018184	7004986	7004250	0.20	cps
Scandium	45-2	343732	345194	345447	344791	0.27	cps
Selenium	77-2	57	47	73	59	22.87	cps
Selenium	78-2	293	244	280	272	9.15	cps
Selenium	82-1	984	990	996	990	0.59	cps
Silicon	28-1	388086	385734	387384	387068	0.31	cps
Silver	109-1	13207	12306	13240	12918	4.10	cps
Silver	107-1	13457	13507	13582	13515	0.47	cps
Sodium	23-2	245915	244379	245410	245234	0.32	cps
Strontium	86-1	4117	3934	3934	3995	2.65	cps
Strontium	88-1	29114	29089	29498	29233	0.78	cps
Sulfur	34-1	424792	431033	428161	427995	0.73	cps
Terbium	159-1	14571887	14470599	14521357	14521281	0.35	cps
Terbium	159-2	7657636	7602564	7656855	7639018	0.41	cps
Thallium	203-1	10296	10630	10555	10494	1.67	cps
Thallium	205-1	25375	25267	25283	25308	0.23	cps
Tin	118-1	43928	43753	45750	44477	2.49	cps
Titanium	47-1	7302	7077	6869	7083	3.06	cps
Uranium	238-1	37346	36084	36661	36697	1.72	cps
Vanadium	51-2	13420	13330	13370	13373	0.34	cps
Yttrium	89-1	11660073	11538122	11541856	11580017	0.60	cps
Yttrium	89-2	1867010	1859656	1861908	1862858	0.20	cps
Zinc	66-2	1593	1660	1653	1636	2.24	cps
Zirconium	90-1	18604	18704	18054	18454	1.90	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:21:25	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3851	4226	4134	4070	4.80	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:25:18	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	112269	113495	112412	112725	0.59	cps
Antimony	121-1	516228	519655	523651	519845	0.71	cps
Arsenic	75-2	19350	19022	18959	19110	1.10	cps
Barium	135-1	659995	665420	667939	664451	0.61	cps
Barium	137-1	1147605	1153085	1158439	1153043	0.47	cps
Beryllium	9-1	114540	114920	115738	115066	0.53	cps
Bismuth	209-1	9373218	9423589	9367932	9388246	0.33	cps
Bismuth	209-2	5752239	5725525	5721423	5733062	0.29	cps
Boron	10-1	15108	14941	15000	15016	0.56	cps
Boron	11-1	70868	73135	72315	72106	1.59	cps
Cadmium	111-1	141530	143641	142581	142584	0.74	cps
Cadmium	106-1	21375	21609	21242	21409	0.87	cps
Cadmium	108-1	11292	11096	11067	11152	1.10	cps
Calcium	43-1	159124	160529	159080	159577	0.52	cps
Calcium	44-1	2583210	2567964	2588866	2580013	0.42	cps
Chromium	52-2	169079	169133	166714	168309	0.82	cps
Cobalt	59-2	275302	274677	273495	274491	0.33	cps
Copper	63-2	394146	388320	389897	390788	0.77	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	17	13	17	16	12.40	cps
Erbium	164-1	42	42	25	36	26.65	cps
Erbium	164-2	27	23	20	23	14.29	cps
Gadolinium	160-1	58	92	83	78	22.30	cps
Gadolinium	160-2	263	250	223	246	8.29	cps
Holmium	165-1	14180182	14191961	14159494	14177212	0.12	cps
Holmium	165-2	7733461	7693611	7651928	7693000	0.53	cps
Indium	115-1	11330087	11375365	11349120	11351524	0.20	cps
Indium	115-2	2485503	2467854	2477895	2477084	0.36	cps
Iron	56-2	7177528	7122573	7065266	7121789	0.79	cps
Iron	57-2	177432	176498	174424	176118	0.87	cps
Lead	206-1	438932	443677	442547	441719	0.56	cps
Lead	207-1	402942	406352	402472	403922	0.52	cps
Lead	208-1	1794849	1815282	1803721	1804617	0.57	cps
Lithium	6-1	2970983	2992287	2977659	2980310	0.37	cps
Magnesium	24-2	1310461	1305240	1301934	1305878	0.33	cps
Manganese	55-2	206125	206486	201620	204744	1.32	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:25:18	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1056155	1063985	1053319	1057820	0.52	cps
Molybdenum	95-1	1297124	1301181	1299971	1299425	0.16	cps
Molybdenum	96-1	1428517	1435774	1423993	1429428	0.42	cps
Molybdenum	97-1	810538	810528	809129	810065	0.10	cps
Molybdenum	98-1	2082325	2087956	2074959	2081747	0.31	cps
Neodymium	150-1	53	93	53	67	34.64	cps
Neodymium	150-2	20	7	3	10	88.20	cps
Nickel	60-2	73359	72632	72736	72909	0.54	cps
Phosphorus	31-2	6710	6693	6068	6491	5.64	cps
Potassium	39-2	679242	674449	671582	675091	0.57	cps
Rhodium	103-1	10232807	10310319	10286037	10276387	0.39	cps
Rhodium	103-2	5208546	5127562	5151159	5162422	0.81	cps
Scandium	45-1	6974120	6907499	6962979	6948199	0.51	cps
Scandium	45-2	335444	334662	331620	333908	0.60	cps
Selenium	77-2	517	587	423	509	16.10	cps
Selenium	78-2	1891	1743	1787	1807	4.21	cps
Selenium	82-1	9925	9819	10142	9962	1.65	cps
Silicon	28-1	659784	664849	664199	662944	0.42	cps
Silver	109-1	649277	650136	650218	649877	0.08	cps
Silver	107-1	681306	682666	678570	680848	0.31	cps
Sodium	23-2	2425473	2409609	2403204	2412762	0.48	cps
Strontium	86-1	169690	172676	172868	171745	1.04	cps
Strontium	88-1	1469427	1485184	1474086	1476233	0.55	cps
Sulfur	34-1	483464	483020	477623	481369	0.68	cps
Terbium	159-1	14486886	14595142	14534448	14538825	0.37	cps
Terbium	159-2	7604350	7523713	7571965	7566676	0.54	cps
Thallium	203-1	533734	538076	542293	538035	0.80	cps
Thallium	205-1	1279997	1283878	1288563	1284146	0.33	cps
Tin	118-1	451321	452626	452339	452095	0.15	cps
Titanium	47-1	361803	360074	359324	360400	0.35	cps
Uranium	238-1	1894316	1925437	1908931	1909561	0.82	cps
Vanadium	51-2	137971	136588	134937	136499	1.11	cps
Yttrium	89-1	11422892	11522982	11417881	11454585	0.52	cps
Yttrium	89-2	1834116	1825113	1826538	1828589	0.26	cps
Zinc	66-2	59056	60126	58731	59304	1.23	cps
Zirconium	90-1	880613	881910	879306	880609	0.15	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:25:18	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	198229	197508	199563	198433	0.53	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:29:24	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	262748	260082	261299	261376	0.51	cps
Antimony	121-1	1270646	1277080	1259248	1268992	0.71	cps
Arsenic	75-2	44590	44470	44616	44559	0.18	cps
Barium	135-1	1613376	1609552	1607416	1610114	0.19	cps
Barium	137-1	2796330	2802513	2796145	2798329	0.13	cps
Beryllium	9-1	281962	282280	278629	280957	0.72	cps
Bismuth	209-1	9269600	9336774	9188475	9264950	0.80	cps
Bismuth	209-2	5599798	5586088	5567661	5584516	0.29	cps
Boron	10-1	36779	38007	37172	37319	1.68	cps
Boron	11-1	168429	174877	176079	173128	2.38	cps
Cadmium	111-1	340876	347597	342459	343644	1.02	cps
Cadmium	106-1	44019	44529	42715	43755	2.14	cps
Cadmium	108-1	27210	26909	27101	27073	0.56	cps
Calcium	43-1	385917	385373	387063	386118	0.22	cps
Calcium	44-1	6262693	6194195	6184047	6213645	0.69	cps
Chromium	52-2	390894	391026	387172	389697	0.56	cps
Cobalt	59-2	644956	642048	641380	642795	0.30	cps
Copper	63-2	906682	900987	903597	903755	0.32	cps
Dysprosium	156-1	50	17	25	31	56.77	cps
Dysprosium	156-2	33	33	40	36	10.83	cps
Erbium	164-1	67	42	8	39	75.26	cps
Erbium	164-2	20	27	27	24	15.75	cps
Gadolinium	160-1	92	92	133	106	22.79	cps
Gadolinium	160-2	147	253	193	198	27.04	cps
Holmium	165-1	14059918	14061561	13912251	14011243	0.61	cps
Holmium	165-2	7546227	7547887	7551099	7548404	0.03	cps
Indium	115-1	11046460	11113719	10946978	11035719	0.76	cps
Indium	115-2	2363870	2375432	2373569	2370957	0.26	cps
Iron	56-2	16891996	16680569	16719261	16763942	0.67	cps
Iron	57-2	421057	415949	418082	418363	0.61	cps
Lead	206-1	1094731	1094599	1090010	1093113	0.25	cps
Lead	207-1	996990	1004327	988303	996540	0.80	cps
Lead	208-1	4449401	4472453	4410476	4444110	0.70	cps
Lithium	6-1	2954075	2985661	2931141	2956959	0.93	cps
Magnesium	24-2	3099470	3062461	3067036	3076322	0.66	cps
Manganese	55-2	478965	479880	477408	478751	0.26	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:29:24	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2562963	2577241	2536992	2559065	0.80	cps
Molybdenum	95-1	3135641	3157142	3105577	3132787	0.83	cps
Molybdenum	96-1	3482155	3489146	3451622	3474308	0.57	cps
Molybdenum	97-1	1971775	1968580	1943911	1961422	0.78	cps
Molybdenum	98-1	5068953	5066727	4988273	5041318	0.91	cps
Neodymium	150-1	227	153	220	200	20.28	cps
Neodymium	150-2	27	20	13	20	33.35	cps
Nickel	60-2	171778	169645	169878	170434	0.69	cps
Phosphorus	31-2	14816	14132	14374	14441	2.40	cps
Potassium	39-2	1525017	1514120	1516098	1518412	0.38	cps
Rhodium	103-1	9977746	9981410	9846388	9935181	0.77	cps
Rhodium	103-2	4954834	4914200	4922238	4930424	0.44	cps
Scandium	45-1	6743051	6732678	6723861	6733197	0.14	cps
Scandium	45-2	317289	315504	317427	316740	0.34	cps
Selenium	77-2	1190	1123	1157	1157	2.88	cps
Selenium	78-2	4101	4251	4182	4178	1.80	cps
Selenium	82-1	24570	24771	23895	24412	1.88	cps
Silicon	28-1	1179089	1187140	1173538	1179922	0.58	cps
Silver	109-1	1568022	1574588	1571800	1571470	0.21	cps
Silver	107-1	1644437	1647510	1621327	1637758	0.87	cps
Sodium	23-2	5672739	5637670	5619789	5643399	0.48	cps
Strontium	86-1	415558	413209	409922	412896	0.69	cps
Strontium	88-1	3582313	3578530	3559026	3573290	0.35	cps
Sulfur	34-1	540747	544586	538342	541225	0.58	cps
Terbium	159-1	14377846	14351629	14171388	14300288	0.79	cps
Terbium	159-2	7463606	7425516	7436876	7441999	0.26	cps
Thallium	203-1	1329246	1326108	1319653	1325002	0.37	cps
Thallium	205-1	3142725	3160447	3135346	3146173	0.41	cps
Tin	118-1	1093335	1091092	1084776	1089734	0.41	cps
Titanium	47-1	861802	869896	862242	864647	0.53	cps
Uranium	238-1	4729157	4794801	4707374	4743777	0.96	cps
Vanadium	51-2	320814	318327	318932	319358	0.41	cps
Yttrium	89-1	11274185	11275767	11127562	11225838	0.76	cps
Yttrium	89-2	1745401	1748975	1742581	1745652	0.18	cps
Zinc	66-2	139848	137160	138143	138383	0.98	cps
Zirconium	90-1	2144990	2139051	2126317	2136786	0.45	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:29:24	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	481406	479175	475677	478753	0.60	cps

LB Number : LB97116 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-03 12:33:11 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	500987	510682	507943	506537	0.99	cps
Antimony	121-1	2437949	2439255	2469412	2448872	0.73	cps
Arsenic	75-2	86837	87112	87073	87007	0.17	cps
Barium	135-1	3108856	3120915	3155638	3128470	0.78	cps
Barium	137-1	5420641	5418752	5488407	5442600	0.73	cps
Beryllium	9-1	536267	541271	541074	539537	0.53	cps
Bismuth	209-1	9169200	9268282	9189018	9208833	0.57	cps
Bismuth	209-2	5556001	5532962	5539745	5542902	0.21	cps
Boron	10-1	71059	71888	73663	72204	1.84	cps
Boron	11-1	331454	334494	341041	335663	1.46	cps
Cadmium	111-1	655379	655909	659308	656865	0.32	cps
Cadmium	106-1	80302	78945	80603	79950	1.10	cps
Cadmium	108-1	51723	52861	52058	52214	1.12	cps
Calcium	43-1	736675	740118	748550	741781	0.82	cps
Calcium	44-1	12002274	11991625	12067252	12020384	0.34	cps
Chromium	52-2	761119	768903	765048	765023	0.51	cps
Cobalt	59-2	1247999	1245410	1240378	1244595	0.31	cps
Copper	63-2	1734211	1744935	1739525	1739557	0.31	cps
Dysprosium	156-1	67	83	67	72	13.33	cps
Dysprosium	156-2	77	57	67	67	15.00	cps
Erbium	164-1	67	50	42	53	24.12	cps
Erbium	164-2	30	43	23	32	31.61	cps
Gadolinium	160-1	92	75	42	69	36.66	cps
Gadolinium	160-2	213	203	237	218	7.85	cps
Holmium	165-1	13833659	13892707	13744916	13823761	0.54	cps
Holmium	165-2	7558131	7517643	7540786	7538853	0.27	cps
Indium	115-1	10692687	10707096	10608637	10669474	0.50	cps
Indium	115-2	2315580	2322592	2331717	2323296	0.35	cps
Iron	56-2	32781021	32813701	32846901	32813874	0.10	cps
Iron	57-2	814043	816747	814379	815056	0.18	cps
Lead	206-1	2121464	2149354	2160060	2143626	0.93	cps
Lead	207-1	1943704	1971904	1976857	1964155	0.91	cps
Lead	208-1	8668307	8782637	8832175	8761040	0.96	cps
Lithium	6-1	2894131	2866235	2883814	2881393	0.49	cps
Magnesium	24-2	5959673	5983582	6009034	5984096	0.41	cps
Manganese	55-2	932216	933598	932841	932885	0.07	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:33:11	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4945673	4932514	5004801	4960996	0.78	cps
Molybdenum	95-1	6073176	6074725	6119805	6089235	0.43	cps
Molybdenum	96-1	6696125	6668823	6710656	6691868	0.32	cps
Molybdenum	97-1	3769017	3762877	3794755	3775549	0.45	cps
Molybdenum	98-1	9759501	9669642	9732470	9720538	0.47	cps
Neodymium	150-1	293	393	367	351	14.75	cps
Neodymium	150-2	23	23	33	27	21.65	cps
Nickel	60-2	329169	327798	328261	328409	0.21	cps
Phosphorus	31-2	27651	27718	27943	27771	0.55	cps
Potassium	39-2	2897063	2924115	2918824	2913334	0.49	cps
Rhodium	103-1	9606845	9504255	9483430	9531510	0.69	cps
Rhodium	103-2	4828237	4806916	4827922	4821025	0.25	cps
Scandium	45-1	6522868	6515369	6452511	6496916	0.59	cps
Scandium	45-2	305527	307435	308738	307233	0.53	cps
Selenium	77-2	2114	2367	2320	2267	5.95	cps
Selenium	78-2	7945	7930	7954	7943	0.15	cps
Selenium	82-1	46485	46785	46862	46711	0.43	cps
Silicon	28-1	1967849	1969559	1992983	1976797	0.71	cps
Silver	109-1	2942803	2981857	2990905	2971855	0.86	cps
Silver	107-1	3139139	3129762	3155439	3141447	0.41	cps
Sodium	23-2	11029432	11007470	11022266	11019722	0.10	cps
Strontium	86-1	796579	798281	801618	798826	0.32	cps
Strontium	88-1	6908764	6898406	6929735	6912302	0.23	cps
Sulfur	34-1	636244	629901	629203	631783	0.61	cps
Terbium	159-1	14121764	14059058	14018688	14066503	0.37	cps
Terbium	159-2	7341351	7384279	7404977	7376869	0.44	cps
Thallium	203-1	2599312	2616795	2624987	2613698	0.50	cps
Thallium	205-1	6186377	6262786	6242569	6230577	0.64	cps
Tin	118-1	2097876	2091749	2111180	2100268	0.47	cps
Titanium	47-1	1638532	1650655	1646371	1645186	0.37	cps
Uranium	238-1	9601638	9581170	9596890	9593233	0.11	cps
Vanadium	51-2	619309	622618	622061	621330	0.29	cps
Yttrium	89-1	10885166	10818855	10793994	10832671	0.44	cps
Yttrium	89-2	1714580	1711487	1711243	1712437	0.11	cps
Zinc	66-2	268461	269479	269269	269069	0.20	cps
Zirconium	90-1	4175348	4159412	4148971	4161244	0.32	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:33:11	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	925446	924953	932302	927567	0.44	cps

LB Number : LB97116 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-03 12:36:57 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	993094	1003219	996489	997600	0.52	cps
Antimony	121-1	4937044	4920961	4958514	4938840	0.38	cps
Arsenic	75-2	173510	173211	173729	173483	0.15	cps
Barium	135-1	6289741	6249425	6304304	6281157	0.45	cps
Barium	137-1	10985154	10938937	10942022	10955371	0.24	cps
Beryllium	9-1	1057836	1064579	1047051	1056489	0.84	cps
Bismuth	209-1	9210249	9104488	9161509	9158749	0.58	cps
Bismuth	209-2	5495452	5497566	5518460	5503826	0.23	cps
Boron	10-1	141131	140665	141255	141017	0.22	cps
Boron	11-1	662285	656327	660499	659704	0.46	cps
Cadmium	111-1	1284380	1287285	1285126	1285597	0.12	cps
Cadmium	106-1	152108	153994	154383	153495	0.79	cps
Cadmium	108-1	100914	101045	101627	101195	0.38	cps
Calcium	43-1	1474711	1480098	1466276	1473695	0.47	cps
Calcium	44-1	24047349	23761603	23685525	23831492	0.80	cps
Chromium	52-2	1503508	1509268	1502820	1505199	0.24	cps
Cobalt	59-2	2425046	2444749	2449649	2439815	0.53	cps
Copper	63-2	3412991	3407130	3419084	3413069	0.18	cps
Dysprosium	156-1	200	200	133	178	21.65	cps
Dysprosium	156-2	80	150	127	119	29.98	cps
Erbium	164-1	100	50	17	56	75.50	cps
Erbium	164-2	27	30	43	33	26.45	cps
Gadolinium	160-1	217	150	117	161	31.61	cps
Gadolinium	160-2	277	227	240	248	10.45	cps
Holmium	165-1	14019802	13918829	13992941	13977191	0.37	cps
Holmium	165-2	7561594	7567833	7607991	7579139	0.33	cps
Indium	115-1	10731629	10645187	10667195	10681337	0.42	cps
Indium	115-2	2303639	2302290	2323722	2309884	0.52	cps
Iron	56-2	65003801	65313708	65006964	65108158	0.27	cps
Iron	57-2	1593503	1612042	1599956	1601833	0.59	cps
Lead	206-1	4272270	4259599	4301915	4277928	0.51	cps
Lead	207-1	3898135	3884016	3900782	3894311	0.23	cps
Lead	208-1	17480899	17402197	17475756	17452951	0.25	cps
Lithium	6-1	2891884	2897335	2896986	2895402	0.11	cps
Magnesium	24-2	11786076	11798174	11768823	11784358	0.13	cps
Manganese	55-2	1847585	1860637	1847753	1851992	0.40	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:36:57	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9992895	9856772	9972467	9940711	0.74	cps
Molybdenum	95-1	12224983	12110010	12224520	12186504	0.54	cps
Molybdenum	96-1	13509087	13343905	13495024	13449339	0.68	cps
Molybdenum	97-1	7572074	7542142	7629843	7581353	0.59	cps
Molybdenum	98-1	19586391	19476218	19650444	19571017	0.45	cps
Neodymium	150-1	640	640	673	651	2.96	cps
Neodymium	150-2	90	57	103	83	28.84	cps
Nickel	60-2	633897	646213	645010	641707	1.06	cps
Phosphorus	31-2	56031	56475	55705	56070	0.69	cps
Potassium	39-2	5776304	5776681	5756551	5769845	0.20	cps
Rhodium	103-1	9463452	9420199	9435826	9439826	0.23	cps
Rhodium	103-2	4737071	4795013	4764217	4765434	0.61	cps
Scandium	45-1	6519864	6472383	6448424	6480224	0.56	cps
Scandium	45-2	308991	310494	307177	308887	0.54	cps
Selenium	77-2	4484	4571	4441	4499	1.47	cps
Selenium	78-2	15629	15442	15748	15606	0.99	cps
Selenium	82-1	91990	91269	90630	91297	0.75	cps
Silicon	28-1	3426808	3422412	3433447	3427555	0.16	cps
Silver	109-1	5919962	5922632	5890078	5910890	0.31	cps
Silver	107-1	6200046	6185798	6210771	6198872	0.20	cps
Sodium	23-2	21692247	21630126	21742466	21688280	0.26	cps
Strontium	86-1	1574593	1590019	1592419	1585677	0.61	cps
Strontium	88-1	13867899	13802354	13843931	13838061	0.24	cps
Sulfur	34-1	865207	856404	849687	857099	0.91	cps
Terbium	159-1	14145414	14163905	14142741	14150686	0.08	cps
Terbium	159-2	7409280	7449109	7469311	7442566	0.41	cps
Thallium	203-1	5282622	5258463	5294223	5278436	0.35	cps
Thallium	205-1	12437547	12394634	12530270	12454150	0.56	cps
Tin	118-1	4247943	4198586	4244968	4230499	0.65	cps
Titanium	47-1	3287725	3273268	3289243	3283412	0.27	cps
Uranium	238-1	19501035	19186696	19365373	19351035	0.81	cps
Vanadium	51-2	1237585	1237147	1239229	1237987	0.09	cps
Yttrium	89-1	10971723	10929669	10932549	10944647	0.21	cps
Yttrium	89-2	1708620	1727947	1712144	1716237	0.60	cps
Zinc	66-2	524359	523888	527935	525394	0.42	cps
Zirconium	90-1	8349029	8295888	8336894	8327270	0.33	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:36:57	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1852016	1830994	1843996	1842335	0.58	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:40:41	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1994862	1992336	1992144	1993114	0.08	cps
Antimony	121-1	9916196	9991160	9974135	9960497	0.39	cps
Arsenic	75-2	344570	344579	345451	344867	0.15	cps
Barium	135-1	12571210	12702626	12730392	12668076	0.67	cps
Barium	137-1	21816742	22142998	22147939	22035893	0.86	cps
Beryllium	9-1	2016513	2013709	2016483	2015568	0.08	cps
Bismuth	209-1	8978419	9007338	9032762	9006173	0.30	cps
Bismuth	209-2	5475237	5354238	5248574	5359350	2.12	cps
Boron	10-1	270302	276476	278522	275100	1.56	cps
Boron	11-1	1274892	1305010	1299512	1293138	1.24	cps
Cadmium	111-1	2511214	2492142	2528707	2510688	0.73	cps
Cadmium	106-1	292894	296584	295813	295097	0.66	cps
Cadmium	108-1	199453	199081	199950	199494	0.22	cps
Calcium	43-1	2924408	2945501	2948489	2939466	0.45	cps
Calcium	44-1	47800322	47893646	47791788	47828585	0.12	cps
Chromium	52-2	2987556	2982323	2982283	2984054	0.10	cps
Cobalt	59-2	4879712	4853060	4885277	4872683	0.35	cps
Copper	63-2	6718802	6658017	6681721	6686180	0.46	cps
Dysprosium	156-1	183	225	208	206	10.20	cps
Dysprosium	156-2	157	207	207	190	15.19	cps
Erbium	164-1	92	42	125	86	48.71	cps
Erbium	164-2	53	40	40	44	17.32	cps
Gadolinium	160-1	133	292	92	172	61.27	cps
Gadolinium	160-2	253	277	240	257	7.23	cps
Holmium	165-1	14092027	14100445	14200061	14130844	0.43	cps
Holmium	165-2	7679323	7551453	7379273	7536683	2.00	cps
Indium	115-1	10534256	10598076	10564961	10565764	0.30	cps
Indium	115-2	2291473	2264711	2202893	2253026	2.02	cps
Iron	56-2	130433428	129515856	130903183	130284156	0.54	cps
Iron	57-2	3228314	3205883	3220306	3218168	0.35	cps
Lead	206-1	8504824	8518851	8579734	8534470	0.47	cps
Lead	207-1	7759504	7773696	7759601	7764267	0.11	cps
Lead	208-1	34716694	34770618	34781873	34756395	0.10	cps
Lithium	6-1	2831645	2811804	2821491	2821646	0.35	cps
Magnesium	24-2	23532168	23335555	23518025	23461916	0.47	cps
Manganese	55-2	3723987	3712219	3743149	3726452	0.42	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:40:41	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	20018475	20132071	20119481	20090009	0.31	cps
Molybdenum	95-1	24593746	24679139	24731440	24668108	0.28	cps
Molybdenum	96-1	27261816	27220379	27323621	27268605	0.19	cps
Molybdenum	97-1	15363399	15396801	15322766	15360989	0.24	cps
Molybdenum	98-1	39507523	39716163	39613593	39612426	0.26	cps
Neodymium	150-1	1227	1200	1067	1165	7.36	cps
Neodymium	150-2	127	157	140	141	10.65	cps
Nickel	60-2	1257240	1255206	1266874	1259773	0.49	cps
Phosphorus	31-2	110659	111799	110986	111148	0.53	cps
Potassium	39-2	11574624	11515885	11580271	11556927	0.31	cps
Rhodium	103-1	9347221	9418187	9339097	9368168	0.46	cps
Rhodium	103-2	4756925	4652624	4518051	4642534	2.58	cps
Scandium	45-1	6500046	6551729	6505727	6519167	0.43	cps
Scandium	45-2	312300	309167	300787	307418	1.94	cps
Selenium	77-2	9100	9203	8940	9081	1.46	cps
Selenium	78-2	30469	30634	30218	30441	0.69	cps
Selenium	82-1	180157	181811	180886	180952	0.46	cps
Silicon	28-1	6183598	6282050	6248961	6238203	0.80	cps
Silver	109-1	11708161	11551163	11722167	11660497	0.81	cps
Silver	107-1	12205155	12281110	12236083	12240783	0.31	cps
Sodium	23-2	43472943	43176001	43465329	43371424	0.39	cps
Strontium	86-1	3186233	3170796	3206950	3187993	0.57	cps
Strontium	88-1	27862400	27905259	28040411	27936023	0.33	cps
Sulfur	34-1	1324253	1341091	1332348	1332564	0.63	cps
Terbium	159-1	14270162	14409156	14363612	14347644	0.49	cps
Terbium	159-2	7551558	7438848	7191898	7394101	2.49	cps
Thallium	203-1	10431742	10504190	10498726	10478219	0.39	cps
Thallium	205-1	24639983	24879431	24964496	24827970	0.68	cps
Tin	118-1	8443118	8563775	8457699	8488197	0.78	cps
Titanium	47-1	6584320	6621776	6602588	6602895	0.28	cps
Uranium	238-1	38628410	38925384	38897898	38817231	0.42	cps
Vanadium	51-2	2465661	2471489	2482306	2473152	0.34	cps
Yttrium	89-1	11007694	10998081	11083127	11029634	0.42	cps
Yttrium	89-2	1740194	1716835	1677057	1711362	1.87	cps
Zinc	66-2	1009732	1015644	1010715	1012030	0.31	cps
Zirconium	90-1	16867447	16936491	16942535	16915491	0.25	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:40:41	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3766761	3794117	3791758	3784212	0.40	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:44:25	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9374553	9505037	9449550	9443047	0.69	cps
Antimony	121-1	16469	17144	16402	16672	2.46	cps
Arsenic	75-2	509	533	559	534	4.68	cps
Barium	135-1	3892	3434	3251	3526	9.38	cps
Barium	137-1	6610	6077	5877	6188	6.13	cps
Beryllium	9-1	778	639	478	632	23.78	cps
Bismuth	209-1	7476313	7464198	7322437	7420983	1.15	cps
Bismuth	209-2	4642222	4648616	4630554	4640464	0.20	cps
Boron	10-1	9345	8069	8328	8581	7.86	cps
Boron	11-1	42904	39544	35017	39155	10.11	cps
Cadmium	111-1	2537	2697	2329	2521	7.31	cps
Cadmium	106-1	4184	4909	3976	4356	11.25	cps
Cadmium	108-1	100	96	129	108	16.76	cps
Calcium	43-1	13293365	13130428	13135191	13186328	0.70	cps
Calcium	44-1	216792505	215566655	213400655	215253271	0.80	cps
Chromium	52-2	107253	107612	107045	107303	0.27	cps
Cobalt	59-2	53497	53460	53373	53444	0.12	cps
Copper	63-2	16653	16536	16376	16522	0.84	cps
Dysprosium	156-1	100	83	125	103	20.41	cps
Dysprosium	156-2	33	43	77	51	44.40	cps
Erbium	164-1	33	67	58	53	32.88	cps
Erbium	164-2	20	33	33	29	26.64	cps
Gadolinium	160-1	158	175	142	158	10.53	cps
Gadolinium	160-2	220	200	203	208	5.16	cps
Holmium	165-1	12612250	12518213	12294235	12474899	1.31	cps
Holmium	165-2	7016465	7045734	6984083	7015427	0.44	cps
Indium	115-1	9261530	9203700	8989987	9151739	1.56	cps
Indium	115-2	2103442	2105334	2126353	2111710	0.60	cps
Iron	56-2	570310524	576646124	574245680	573734109	0.56	cps
Iron	57-2	14235308	14233286	14257811	14242135	0.10	cps
Lead	206-1	48177	48622	48227	48342	0.51	cps
Lead	207-1	40986	41649	40813	41149	1.07	cps
Lead	208-1	191257	191734	189483	190825	0.62	cps
Lithium	6-1	2454949	2446212	2431188	2444116	0.49	cps
Magnesium	24-2	105088154	105771461	105397002	105418872	0.32	cps
Manganese	55-2	17684	17294	17134	17370	1.63	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:44:25	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	25106	24689	23061	24285	4.45	cps
Molybdenum	95-1	40742	38311	37684	38912	4.15	cps
Molybdenum	96-1	52564	50808	51260	51544	1.77	cps
Molybdenum	97-1	24588	24981	23937	24502	2.15	cps
Molybdenum	98-1	65125	62765	60387	62759	3.77	cps
Neodymium	150-1	133	140	93	122	20.65	cps
Neodymium	150-2	60	60	60	60	0.00	cps
Nickel	60-2	36629	36917	36429	36658	0.67	cps
Phosphorus	31-2	250	183	200	211	16.43	cps
Potassium	39-2	52860472	53450001	53007057	53105844	0.58	cps
Rhodium	103-1	7892677	7859021	7683012	7811570	1.44	cps
Rhodium	103-2	4035091	4026085	4043442	4034873	0.22	cps
Scandium	45-1	5812408	5841934	5745635	5799992	0.85	cps
Scandium	45-2	283726	287093	285805	285541	0.59	cps
Selenium	77-2	3	0	10	4	114.60	cps
Selenium	78-2	80	96	81	86	10.65	cps
Selenium	82-1	263	257	182	234	19.15	cps
Silicon	28-1	391055	389530	390633	390406	0.20	cps
Silver	109-1	2267	2259	1934	2153	8.83	cps
Silver	107-1	2200	2567	2292	2353	8.11	cps
Sodium	23-2	193913138	194953784	193898854	194255259	0.31	cps
Strontium	86-1	15459	14767	14491	14906	3.34	cps
Strontium	88-1	127007	128033	123484	126175	1.89	cps
Sulfur	34-1	327764	323057	317262	322694	1.63	cps
Terbium	159-1	12786515	12708060	12550720	12681765	0.95	cps
Terbium	159-2	6858483	6892796	6909177	6886819	0.38	cps
Thallium	203-1	6552	5726	5368	5882	10.32	cps
Thallium	205-1	15226	14617	13340	14394	6.68	cps
Tin	118-1	37016	37000	35270	36429	2.75	cps
Titanium	47-1	3759	3451	3776	3662	5.00	cps
Uranium	238-1	8778	8136	7411	8108	8.44	cps
Vanadium	51-2	1063	1123	1040	1076	4.00	cps
Yttrium	89-1	9761071	9747568	9520949	9676529	1.39	cps
Yttrium	89-2	1604002	1605037	1601391	1603476	0.12	cps
Zinc	66-2	7042	7095	6922	7020	1.27	cps
Zirconium	90-1	5426	5551	4826	5268	7.36	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:44:25	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1375	1092	1142	1203	12.57	cps

LB Number : LB97116 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-03 12:56:10 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	52668	56190	54174	54344	3.25	cps
Antimony	121-1	1822508	1832396	1826702	1827202	0.27	cps
Arsenic	75-2	70019	69982	69783	69928	0.18	cps
Barium	135-1	240552	242147	240528	241076	0.38	cps
Barium	137-1	418683	421011	420081	419925	0.28	cps
Beryllium	9-1	207949	207712	209767	208476	0.54	cps
Bismuth	209-1	8909504	9061778	8931289	8967523	0.92	cps
Bismuth	209-2	5646013	5628052	5608435	5627500	0.33	cps
Boron	10-1	146167	149593	149617	148459	1.34	cps
Boron	11-1	670400	683387	689083	680956	1.41	cps
Cadmium	111-1	256160	257037	257732	256976	0.31	cps
Cadmium	106-1	57668	58011	57350	57676	0.57	cps
Cadmium	108-1	28445	28291	28287	28341	0.32	cps
Calcium	43-1	65211	64960	65102	65091	0.19	cps
Calcium	44-1	997597	1009364	1007075	1004678	0.62	cps
Chromium	52-2	297890	299398	296971	298086	0.41	cps
Cobalt	59-2	503807	506737	500380	503641	0.63	cps
Copper	63-2	359822	362009	358645	360159	0.47	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	10	10	17	12	31.50	cps
Erbium	164-1	83	142	83	103	32.76	cps
Erbium	164-2	33	50	37	40	22.05	cps
Gadolinium	160-1	100	50	150	100	50.00	cps
Gadolinium	160-2	163	210	237	203	18.25	cps
Holmium	165-1	13195283	13368260	13174603	13246049	0.80	cps
Holmium	165-2	7510080	7510666	7436464	7485737	0.57	cps
Indium	115-1	10364862	10409814	10343191	10372622	0.33	cps
Indium	115-2	2362530	2377392	2356079	2365333	0.46	cps
Iron	56-2	2637097	2638110	2608773	2627993	0.63	cps
Iron	57-2	68113	67773	66813	67567	1.00	cps
Lead	206-1	1649743	1670829	1664024	1661532	0.65	cps
Lead	207-1	1455765	1473115	1470645	1466508	0.64	cps
Lead	208-1	6617385	6718093	6692077	6675852	0.78	cps
Lithium	6-1	2822055	2843948	2828633	2831545	0.40	cps
Magnesium	24-2	282178	285207	277641	281675	1.35	cps
Manganese	55-2	186087	185908	186512	186169	0.17	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:56:10	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4319979	4315335	4353810	4329708	0.49	cps
Molybdenum	95-1	2498432	2518793	2511047	2509424	0.41	cps
Molybdenum	96-1	3162133	3182437	3162771	3169114	0.36	cps
Molybdenum	97-1	1557600	1575147	1566327	1566358	0.56	cps
Molybdenum	98-1	4057340	4056243	4061347	4058310	0.07	cps
Neodymium	150-1	33	40	13	29	48.05	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	133299	134449	132496	133415	0.74	cps
Phosphorus	31-2	175	225	250	217	17.63	cps
Potassium	39-2	497078	497476	491996	495517	0.62	cps
Rhodium	103-1	9412005	9479680	9384017	9425234	0.52	cps
Rhodium	103-2	4929711	4902206	4881748	4904555	0.49	cps
Scandium	45-1	6356986	6428122	6379235	6388114	0.57	cps
Scandium	45-2	315839	317471	313230	315513	0.68	cps
Selenium	77-2	2070	1853	1984	1969	5.54	cps
Selenium	78-2	6731	6716	6618	6689	0.92	cps
Selenium	82-1	36711	36349	36162	36407	0.77	cps
Silicon	28-1	267609	273539	272819	271322	1.19	cps
Silver	109-1	1153343	1158350	1155643	1155778	0.22	cps
Silver	107-1	1226475	1227113	1217461	1223683	0.44	cps
Sodium	23-2	887060	899060	886852	890991	0.78	cps
Strontium	86-1	1522817	1509690	1522920	1518476	0.50	cps
Strontium	88-1	13262601	13298216	13268837	13276552	0.14	cps
Sulfur	34-1	375786	373497	373605	374296	0.35	cps
Terbium	159-1	13443698	13584356	13430360	13486138	0.63	cps
Terbium	159-2	7376638	7370076	7348123	7364946	0.20	cps
Thallium	203-1	2036994	2080008	2069196	2062066	1.09	cps
Thallium	205-1	4887374	4950456	4941607	4926479	0.69	cps
Tin	118-1	3989871	4013507	3999440	4000939	0.30	cps
Titanium	47-1	638867	641269	641049	640395	0.21	cps
Uranium	238-1	19085262	19154916	19147472	19129217	0.20	cps
Vanadium	51-2	245701	247942	246307	246650	0.47	cps
Yttrium	89-1	10469300	10567188	10504337	10513609	0.47	cps
Yttrium	89-2	1739357	1745754	1736955	1740689	0.26	cps
Zinc	66-2	109167	109077	106297	108180	1.51	cps
Zirconium	90-1	7883504	7933676	7929770	7915650	0.35	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 12:56:10	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1745876	1751179	1750105	1749053	0.16	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 13:17:26	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2275	2075	2342	2231	6.22	cps
Antimony	121-1	18538	19280	18855	18891	1.97	cps
Arsenic	75-2	354	363	370	362	2.30	cps
Barium	135-1	23170	23896	23345	23471	1.61	cps
Barium	137-1	40869	40719	42182	41257	1.95	cps
Beryllium	9-1	2084	2161	2200	2148	2.77	cps
Bismuth	209-1	8976149	8975270	9081609	9011009	0.68	cps
Bismuth	209-2	5840746	5631547	5659815	5710703	1.99	cps
Boron	10-1	7385	8194	8044	7875	5.46	cps
Boron	11-1	35301	36386	35843	35843	1.51	cps
Cadmium	111-1	4352	4472	4400	4408	1.38	cps
Cadmium	106-1	4968	5143	4951	5021	2.12	cps
Cadmium	108-1	200	217	163	193	14.37	cps
Calcium	43-1	14291	14691	14024	14335	2.34	cps
Calcium	44-1	233238	236758	233347	234448	0.85	cps
Chromium	52-2	7195	7192	7249	7212	0.44	cps
Cobalt	59-2	5261	5041	5391	5231	3.38	cps
Copper	63-2	9580	9460	9920	9653	2.47	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	3	3	13	7	86.65	cps
Erbium	164-1	100	83	25	69	56.71	cps
Erbium	164-2	30	40	13	28	48.51	cps
Gadolinium	160-1	50	125	100	92	41.66	cps
Gadolinium	160-2	287	170	243	233	25.27	cps
Holmium	165-1	13313629	13325716	13493876	13377741	0.75	cps
Holmium	165-2	7783041	7574962	7578026	7645343	1.56	cps
Indium	115-1	10607913	10721978	10764311	10698067	0.76	cps
Indium	115-2	2495912	2412682	2411535	2440043	1.98	cps
Iron	56-2	142518	140538	140954	141336	0.74	cps
Iron	57-2	3828	3728	3634	3730	2.61	cps
Lead	206-1	8286	8592	9103	8660	4.77	cps
Lead	207-1	8158	7447	7925	7843	4.62	cps
Lead	208-1	34958	33962	35998	34973	2.91	cps
Lithium	6-1	2850326	2871718	2894264	2872103	0.77	cps
Magnesium	24-2	118633	117593	118197	118141	0.44	cps
Manganese	55-2	2134	2160	2167	2154	0.82	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 13:17:26	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	20398	20590	19956	20315	1.60	cps
Molybdenum	95-1	24071	23078	23987	23712	2.32	cps
Molybdenum	96-1	26976	26083	25716	26258	2.47	cps
Molybdenum	97-1	15000	14892	14066	14653	3.49	cps
Molybdenum	98-1	37183	36915	37484	37194	0.76	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	1427	1607	1443	1492	6.67	cps
Phosphorus	31-2	208	158	167	178	15.07	cps
Potassium	39-2	150650	148747	148149	149182	0.88	cps
Rhodium	103-1	9612150	9645142	9723070	9660121	0.59	cps
Rhodium	103-2	5209608	4988318	5009104	5069010	2.41	cps
Scandium	45-1	6473440	6549210	6615790	6546147	1.09	cps
Scandium	45-2	338113	321194	322071	327126	2.91	cps
Selenium	77-2	43	53	37	44	18.87	cps
Selenium	78-2	226	256	272	251	9.33	cps
Selenium	82-1	941	905	988	945	4.41	cps
Silicon	28-1	355953	351167	350437	352519	0.85	cps
Silver	109-1	11989	11864	12214	12022	1.48	cps
Silver	107-1	12473	12689	12915	12692	1.74	cps
Sodium	23-2	234544	234733	236561	235279	0.47	cps
Strontium	86-1	3976	3909	4001	3962	1.20	cps
Strontium	88-1	28638	27661	26935	27744	3.08	cps
Sulfur	34-1	402764	404358	404856	403993	0.27	cps
Terbium	159-1	13652709	13631710	13811261	13698560	0.72	cps
Terbium	159-2	7665104	7443573	7411580	7506752	1.84	cps
Thallium	203-1	10129	10213	9979	10107	1.17	cps
Thallium	205-1	24457	24498	23689	24215	1.88	cps
Tin	118-1	41796	41554	41404	41585	0.48	cps
Titanium	47-1	6510	6810	6585	6635	2.35	cps
Uranium	238-1	36319	35850	34714	35628	2.32	cps
Vanadium	51-2	12672	12492	12365	12510	1.23	cps
Yttrium	89-1	10722391	10790782	10855944	10789705	0.62	cps
Yttrium	89-2	1834810	1767605	1777526	1793314	2.02	cps
Zinc	66-2	1673	1763	1657	1698	3.38	cps
Zirconium	90-1	18746	17812	18972	18510	3.32	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 13:17:26	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3776	4201	3792	3923	6.14	cps

LB Number : LB97116 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-03 13:24:21 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	233	158	192	19.93	cps
Antimony	121-1	308	325	375	336	10.32	cps
Arsenic	75-2	6	11	15	10	44.37	cps
Barium	135-1	8	50	25	28	75.51	cps
Barium	137-1	8	42	58	36	70.51	cps
Beryllium	9-1	83	78	83	81	3.94	cps
Bismuth	209-1	8905050	9025484	8916340	8948958	0.74	cps
Bismuth	209-2	5620272	5663280	5630686	5638079	0.40	cps
Boron	10-1	908	942	767	872	10.65	cps
Boron	11-1	4167	4342	4392	4301	2.75	cps
Cadmium	111-1	1795	1865	1822	1827	1.95	cps
Cadmium	106-1	4459	4676	4543	4559	2.40	cps
Cadmium	108-1	8	25	4	13	88.19	cps
Calcium	43-1	150	183	117	150	22.22	cps
Calcium	44-1	5018	5151	5109	5093	1.34	cps
Chromium	52-2	577	530	583	563	5.16	cps
Cobalt	59-2	37	97	53	62	49.78	cps
Copper	63-2	2480	2654	2520	2551	3.56	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	33	50	42	20.00	cps
Erbium	164-2	27	30	20	26	19.92	cps
Gadolinium	160-1	67	125	75	89	35.50	cps
Gadolinium	160-2	210	230	213	218	4.92	cps
Holmium	165-1	13214169	13359849	13247851	13273956	0.57	cps
Holmium	165-2	7496562	7516837	7527036	7513478	0.21	cps
Indium	115-1	10616935	10682166	10602190	10633763	0.40	cps
Indium	115-2	2399894	2422894	2439024	2420604	0.81	cps
Iron	56-2	6496	6618	6352	6489	2.06	cps
Iron	57-2	261	244	317	274	13.80	cps
Lead	206-1	389	417	350	385	8.69	cps
Lead	207-1	317	417	406	380	14.44	cps
Lead	208-1	1583	1750	1806	1713	6.75	cps
Lithium	6-1	2854699	2869433	2839285	2854473	0.53	cps
Magnesium	24-2	225	225	275	242	11.94	cps
Manganese	55-2	130	100	150	127	19.87	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 13:24:21	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	533	458	375	456	17.39	cps
Molybdenum	95-1	125	117	125	122	3.94	cps
Molybdenum	96-1	200	183	292	225	25.93	cps
Molybdenum	97-1	92	108	100	100	8.33	cps
Molybdenum	98-1	200	192	242	211	12.69	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	83	103	53	80	31.46	cps
Phosphorus	31-2	183	167	125	158	18.97	cps
Potassium	39-2	30950	30658	31618	31075	1.58	cps
Rhodium	103-1	9644300	9764815	9624392	9677836	0.79	cps
Rhodium	103-2	4981377	5002941	5034574	5006298	0.53	cps
Scandium	45-1	6559571	6588536	6517605	6555237	0.54	cps
Scandium	45-2	321904	325090	328071	325021	0.95	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	56	76	81	71	19.23	cps
Selenium	82-1	-10	66	-57	0	-21225.19	cps
Silicon	28-1	256888	259028	256114	257343	0.59	cps
Silver	109-1	42	67	25	44	47.19	cps
Silver	107-1	125	117	108	117	7.14	cps
Sodium	23-2	13757	13498	14366	13874	3.21	cps
Strontium	86-1	608	525	542	558	7.90	cps
Strontium	88-1	183	183	167	178	5.41	cps
Sulfur	34-1	406283	405085	407928	406432	0.35	cps
Terbium	159-1	13528728	13676792	13510981	13572167	0.67	cps
Terbium	159-2	7372934	7422077	7431193	7408735	0.42	cps
Thallium	203-1	83	33	50	56	45.83	cps
Thallium	205-1	125	192	200	172	23.87	cps
Tin	118-1	1767	1425	1558	1584	10.89	cps
Titanium	47-1	158	75	108	114	36.83	cps
Uranium	238-1	67	58	67	64	7.53	cps
Vanadium	51-2	10	7	0	6	91.64	cps
Yttrium	89-1	10804169	10882729	10693333	10793411	0.88	cps
Yttrium	89-2	1759629	1773586	1783775	1772330	0.68	cps
Zinc	66-2	327	313	333	324	3.14	cps
Zirconium	90-1	975	1167	1092	1078	8.96	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 13:24:21	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	200	217	197	10.63	cps

LB Number : LB97116 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-03 13:27:55 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9269787	9204886	9260784	9245152	0.38	cps
Antimony	121-1	10905	10463	11197	10855	3.40	cps
Arsenic	75-2	111	135	137	128	11.32	cps
Barium	135-1	3892	3642	3892	3809	3.79	cps
Barium	137-1	6277	6418	6493	6396	1.72	cps
Beryllium	9-1	544	622	578	582	6.71	cps
Bismuth	209-1	7920287	8630316	8620059	8390221	4.85	cps
Bismuth	209-2	5271201	5246625	5241408	5253078	0.30	cps
Boron	10-1	1158	1058	1383	1200	13.87	cps
Boron	11-1	6302	5893	5626	5940	5.73	cps
Cadmium	111-1	3077	2973	2858	2970	3.69	cps
Cadmium	106-1	4076	4651	4343	4356	6.61	cps
Cadmium	108-1	2767	2738	2696	2734	1.30	cps
Calcium	43-1	2820526	2812609	2814550	2815895	0.15	cps
Calcium	44-1	45902073	45925473	45953341	45926962	0.06	cps
Chromium	52-2	58927	58549	58452	58643	0.43	cps
Cobalt	59-2	5891	6178	5915	5995	2.66	cps
Copper	63-2	30258	30372	31043	30558	1.39	cps
Dysprosium	156-1	17	17	75	36	93.25	cps
Dysprosium	156-2	30	17	30	26	30.11	cps
Erbium	164-1	75	58	50	61	20.83	cps
Erbium	164-2	33	40	30	34	14.78	cps
Gadolinium	160-1	125	158	33	106	61.33	cps
Gadolinium	160-2	170	197	217	194	12.04	cps
Holmium	165-1	12565560	13600875	13651331	13272589	4.62	cps
Holmium	165-2	7526414	7523428	7475945	7508596	0.38	cps
Indium	115-1	9455664	10324758	10412465	10064296	5.26	cps
Indium	115-2	2274071	2286551	2279326	2279983	0.27	cps
Iron	56-2	253459300	253998850	253227695	253561948	0.16	cps
Iron	57-2	6300031	6255129	6279708	6278289	0.36	cps
Lead	206-1	36913	37704	37509	37375	1.10	cps
Lead	207-1	30257	30134	30179	30190	0.21	cps
Lead	208-1	141851	142206	142560	142206	0.25	cps
Lithium	6-1	2578835	2763264	2754218	2698773	3.85	cps
Magnesium	24-2	21821563	21836244	21777771	21811860	0.14	cps
Manganese	55-2	14918	14664	14270	14617	2.23	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 13:27:55	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5231744	5231792	5258092	5240543	0.29	cps
Molybdenum	95-1	9263937	9236154	9266846	9255646	0.18	cps
Molybdenum	96-1	9866364	9784851	9847750	9832988	0.43	cps
Molybdenum	97-1	5775581	5750036	5754200	5759939	0.24	cps
Molybdenum	98-1	14845399	14921771	14838035	14868402	0.31	cps
Neodymium	150-1	40	33	27	33	20.00	cps
Neodymium	150-2	23	27	17	22	22.91	cps
Nickel	60-2	6602	6655	6818	6692	1.69	cps
Phosphorus	31-2	531092	529608	536816	532505	0.71	cps
Potassium	39-2	22419882	22258058	22317536	22331826	0.37	cps
Rhodium	103-1	8236167	9012548	9087142	8778619	5.37	cps
Rhodium	103-2	4604781	4651203	4613878	4623288	0.53	cps
Scandium	45-1	5843415	6415997	6411095	6223503	5.29	cps
Scandium	45-2	305211	303617	304738	304522	0.27	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	78	67	78	74	8.66	cps
Selenium	82-1	102	92	14	69	69.56	cps
Silicon	28-1	370850	368565	367985	369133	0.41	cps
Silver	109-1	1108	1042	1208	1120	7.49	cps
Silver	107-1	1033	1042	1050	1042	0.80	cps
Sodium	23-2	41487212	41536808	41407158	41477060	0.16	cps
Strontium	86-1	105896	104411	104504	104937	0.79	cps
Strontium	88-1	912435	919204	916956	916199	0.38	cps
Sulfur	34-1	4188928	4185328	4165390	4179882	0.30	cps
Terbium	159-1	12657609	13789417	13805701	13417576	4.91	cps
Terbium	159-2	7369925	7389202	7319773	7359633	0.49	cps
Thallium	203-1	442	483	450	458	4.81	cps
Thallium	205-1	858	1000	958	939	7.75	cps
Tin	118-1	2809	2434	2767	2670	7.70	cps
Titanium	47-1	2633906	2602946	2604552	2613801	0.67	cps
Uranium	238-1	758	725	792	758	4.40	cps
Vanadium	51-2	437	383	443	421	7.81	cps
Yttrium	89-1	9739009	10680649	10728519	10382726	5.37	cps
Yttrium	89-2	1711882	1725598	1719766	1719082	0.40	cps
Zinc	66-2	6435	6532	6545	6504	0.92	cps
Zirconium	90-1	2409	2159	2334	2300	5.58	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 13:27:55	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	433	508	467	469	8.00	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 13:32:55	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9304323	9341448	9305137	9316969	0.23	cps
Antimony	121-1	204452	203031	203395	203626	0.36	cps
Arsenic	75-2	6490	6783	6913	6729	3.22	cps
Barium	135-1	54307	53780	53822	53969	0.54	cps
Barium	137-1	93639	93623	94931	94064	0.80	cps
Beryllium	9-1	40705	40527	40666	40633	0.23	cps
Bismuth	209-1	8753647	8757364	8764148	8758386	0.06	cps
Bismuth	209-2	5330909	5375309	5301791	5336003	0.69	cps
Boron	10-1	15984	16051	15684	15906	1.23	cps
Boron	11-1	73203	72842	75229	73758	1.74	cps
Cadmium	111-1	53985	51890	52455	52777	2.05	cps
Cadmium	106-1	12314	12673	11730	12239	3.89	cps
Cadmium	108-1	6889	7523	7069	7160	4.56	cps
Calcium	43-1	2918194	2902869	2887353	2902805	0.53	cps
Calcium	44-1	47550073	47552536	46853613	47318741	0.85	cps
Chromium	52-2	117940	117554	116627	117374	0.58	cps
Cobalt	59-2	102733	101723	102481	102312	0.51	cps
Copper	63-2	98629	98310	97921	98287	0.36	cps
Dysprosium	156-1	50	83	50	61	31.50	cps
Dysprosium	156-2	27	30	33	30	11.10	cps
Erbium	164-1	42	83	92	72	37.09	cps
Erbium	164-2	67	40	47	51	27.15	cps
Gadolinium	160-1	142	200	92	144	37.54	cps
Gadolinium	160-2	243	207	180	210	15.14	cps
Holmium	165-1	13930340	13969181	14017213	13972244	0.31	cps
Holmium	165-2	7699194	7690538	7608571	7666101	0.65	cps
Indium	115-1	10739803	10800188	10694113	10744702	0.50	cps
Indium	115-2	2344514	2359174	2341061	2348250	0.41	cps
Iron	56-2	253833861	254079595	253213867	253709108	0.18	cps
Iron	57-2	6353385	6280878	6244863	6293042	0.88	cps
Lead	206-1	206607	208457	209043	208036	0.61	cps
Lead	207-1	176286	174619	174861	175255	0.51	cps
Lead	208-1	808924	806396	808600	807974	0.17	cps
Lithium	6-1	2736378	2743409	2756688	2745492	0.38	cps
Magnesium	24-2	21934045	21933040	21828275	21898453	0.28	cps
Manganese	55-2	50975	50991	50386	50784	0.68	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 13:32:55	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5883195	5922958	5818944	5875032	0.89	cps
Molybdenum	95-1	9823750	9854838	9789604	9822731	0.33	cps
Molybdenum	96-1	10514442	10468843	10473803	10485696	0.24	cps
Molybdenum	97-1	6119001	6140023	6078119	6112381	0.51	cps
Molybdenum	98-1	15711543	15787338	15677830	15725570	0.36	cps
Neodymium	150-1	100	60	40	67	45.83	cps
Neodymium	150-2	47	10	17	24	79.90	cps
Nickel	60-2	32015	31410	31601	31675	0.98	cps
Phosphorus	31-2	539381	539640	536001	538341	0.38	cps
Potassium	39-2	22536047	22715360	22353141	22534849	0.80	cps
Rhodium	103-1	9354591	9353462	9373987	9360680	0.12	cps
Rhodium	103-2	4733305	4777039	4739480	4749941	0.50	cps
Scandium	45-1	6645730	6639202	6604671	6629868	0.33	cps
Scandium	45-2	316388	317598	317651	317212	0.23	cps
Selenium	77-2	193	197	243	211	13.24	cps
Selenium	78-2	687	683	680	683	0.54	cps
Selenium	82-1	3620	3430	3535	3528	2.70	cps
Silicon	28-1	718332	722268	719974	720191	0.27	cps
Silver	109-1	222397	220578	223345	222107	0.63	cps
Silver	107-1	234950	231743	234832	233842	0.78	cps
Sodium	23-2	41656004	41576289	41429789	41554028	0.28	cps
Strontium	86-1	276581	279120	275619	277107	0.65	cps
Strontium	88-1	2387818	2393217	2383684	2388239	0.20	cps
Sulfur	34-1	4310846	4248042	4235900	4264929	0.94	cps
Terbium	159-1	14267649	14202698	14258285	14242877	0.25	cps
Terbium	159-2	7472519	7515405	7475125	7487683	0.32	cps
Thallium	203-1	206180	206980	206954	206705	0.22	cps
Thallium	205-1	493568	491840	493494	492967	0.20	cps
Tin	118-1	435913	435426	436168	435836	0.09	cps
Titanium	47-1	2759858	2759972	2740770	2753533	0.40	cps
Uranium	238-1	1926136	1938535	1946992	1937221	0.54	cps
Vanadium	51-2	48774	48383	49359	48838	1.01	cps
Yttrium	89-1	11090919	11067513	11111463	11089965	0.20	cps
Yttrium	89-2	1757686	1763847	1749857	1757130	0.40	cps
Zinc	66-2	16219	16356	16169	16248	0.60	cps
Zirconium	90-1	877995	873571	879357	876974	0.34	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 13:32:55	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	196319	197655	194587	196187	0.78	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P7
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 13:36:29	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5343297	5301880	5371695	5338958	0.66	cps
Antimony	121-1	4839236	4791252	4797159	4809216	0.54	cps
Arsenic	75-2	167746	170151	168351	168749	0.74	cps
Barium	135-1	6271047	6249264	6246649	6255654	0.21	cps
Barium	137-1	10982065	10857059	10854660	10897928	0.67	cps
Beryllium	9-1	990032	989335	990689	990019	0.07	cps
Bismuth	209-1	8486079	8421174	8404199	8437150	0.51	cps
Bismuth	209-2	5120076	5057409	5154743	5110742	0.97	cps
Boron	10-1	128676	130980	133897	131184	1.99	cps
Boron	11-1	604156	606051	623128	611111	1.71	cps
Cadmium	111-1	1211098	1211002	1200302	1207467	0.51	cps
Cadmium	106-1	146576	146046	143586	145403	1.10	cps
Cadmium	108-1	97163	95897	95574	96212	0.87	cps
Calcium	43-1	7273311	7237661	7227613	7246195	0.33	cps
Calcium	44-1	119199086	118101848	118752611	118684515	0.46	cps
Chromium	52-2	1550067	1550888	1561936	1554297	0.43	cps
Cobalt	59-2	2413066	2411637	2403483	2409395	0.21	cps
Copper	63-2	3260781	3247822	3249130	3252578	0.22	cps
Dysprosium	156-1	150	167	200	172	14.78	cps
Dysprosium	156-2	103	137	133	124	14.75	cps
Erbium	164-1	67	67	75	69	6.93	cps
Erbium	164-2	30	27	30	29	6.65	cps
Gadolinium	160-1	133	108	200	147	32.19	cps
Gadolinium	160-2	257	250	237	248	4.11	cps
Holmium	165-1	13948027	13926993	13795322	13890114	0.60	cps
Holmium	165-2	7573402	7424494	7564096	7520664	1.11	cps
Indium	115-1	10548371	10551954	10404976	10501767	0.80	cps
Indium	115-2	2282954	2263988	2313117	2286686	1.08	cps
Iron	56-2	321975429	321281685	323319829	322192315	0.32	cps
Iron	57-2	8019895	8046817	7952807	8006506	0.60	cps
Lead	206-1	4026187	3995413	3991735	4004445	0.47	cps
Lead	207-1	3687106	3639980	3641879	3656321	0.73	cps
Lead	208-1	16451904	16325675	16316225	16364601	0.46	cps
Lithium	6-1	2699332	2682174	2688059	2689855	0.32	cps
Magnesium	24-2	58792901	58709199	59042041	58848047	0.29	cps
Manganese	55-2	1884385	1883106	1898275	1888589	0.45	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P7
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 13:36:29	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10084499	10100301	10046115	10076972	0.28	cps
Molybdenum	95-1	12347683	12356885	12301016	12335195	0.24	cps
Molybdenum	96-1	13646390	13616782	13580666	13614612	0.24	cps
Molybdenum	97-1	7674620	7654531	7642973	7657375	0.21	cps
Molybdenum	98-1	19793325	19687775	19688992	19723364	0.31	cps
Neodymium	150-1	593	693	640	642	7.79	cps
Neodymium	150-2	77	90	90	86	9.00	cps
Nickel	60-2	640446	635835	631548	635943	0.70	cps
Phosphorus	31-2	56750	55102	57076	56310	1.88	cps
Potassium	39-2	29142552	29503793	29728112	29458152	1.00	cps
Rhodium	103-1	9186845	9111831	9044755	9114477	0.78	cps
Rhodium	103-2	4608644	4509400	4594963	4571002	1.18	cps
Scandium	45-1	6655192	6683925	6551726	6630281	1.05	cps
Scandium	45-2	317602	314419	321534	317851	1.12	cps
Selenium	77-2	4387	4277	4317	4327	1.29	cps
Selenium	78-2	14596	14721	14604	14640	0.48	cps
Selenium	82-1	86222	84630	84896	85249	1.00	cps
Silicon	28-1	3466273	3481659	3495096	3481009	0.41	cps
Silver	109-1	5589968	5554663	5583723	5576118	0.34	cps
Silver	107-1	5865959	5854148	5817224	5845777	0.43	cps
Sodium	23-2	108437190	109035348	108661061	108711200	0.28	cps
Strontium	86-1	1608011	1575424	1589143	1590859	1.03	cps
Strontium	88-1	14067615	13876652	13789980	13911416	1.02	cps
Sulfur	34-1	857814	852333	842583	850910	0.91	cps
Terbium	159-1	14262314	14237505	14041196	14180339	0.85	cps
Terbium	159-2	7422396	7287053	7401111	7370186	0.99	cps
Thallium	203-1	4976214	4948081	4976727	4967007	0.33	cps
Thallium	205-1	11701216	11666850	11688326	11685464	0.15	cps
Tin	118-1	4181467	4138486	4139734	4153229	0.59	cps
Titanium	47-1	3391305	3358516	3340804	3363542	0.76	cps
Uranium	238-1	18558873	18383396	18341336	18427868	0.63	cps
Vanadium	51-2	1255303	1249269	1262154	1255575	0.51	cps
Yttrium	89-1	11179935	11054195	10923296	11052475	1.16	cps
Yttrium	89-2	1753363	1720268	1772501	1748710	1.51	cps
Zinc	66-2	483278	481787	474785	479950	0.94	cps
Zirconium	90-1	8537692	8413313	8422434	8457813	0.82	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P7
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 13:36:29	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1890658	1864078	1879648	1878128	0.71	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P7
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:01:53	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2159	2309	2075	2181	5.42	cps
Antimony	121-1	17245	18830	18630	18235	4.73	cps
Arsenic	75-2	317	393	389	366	11.69	cps
Barium	135-1	22753	24506	23947	23735	3.77	cps
Barium	137-1	39490	41847	40819	40719	2.90	cps
Beryllium	9-1	2095	2078	2000	2058	2.45	cps
Bismuth	209-1	9023093	9319269	9071220	9137861	1.74	cps
Bismuth	209-2	5436795	4578430	4992587	5002604	8.58	cps
Boron	10-1	7227	7235	7644	7369	3.23	cps
Boron	11-1	33789	35226	35016	34677	2.24	cps
Cadmium	111-1	4303	4619	4490	4470	3.55	cps
Cadmium	106-1	5293	5443	4934	5223	5.00	cps
Cadmium	108-1	188	179	192	186	3.42	cps
Calcium	43-1	13323	15016	13598	13979	6.50	cps
Calcium	44-1	222497	233196	227478	227724	2.35	cps
Chromium	52-2	7038	7312	7282	7211	2.08	cps
Cobalt	59-2	4994	5194	5244	5144	2.57	cps
Copper	63-2	9870	10030	10484	10128	3.14	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	7	10	7	50.03	cps
Erbium	164-1	33	67	58	53	32.88	cps
Erbium	164-2	20	43	20	28	48.49	cps
Gadolinium	160-1	100	58	83	81	26.03	cps
Gadolinium	160-2	167	200	187	184	9.10	cps
Holmium	165-1	13574797	14120319	13578985	13758034	2.28	cps
Holmium	165-2	7241229	6128481	6702451	6690720	8.32	cps
Indium	115-1	10875308	11356001	10945902	11059070	2.35	cps
Indium	115-2	2334892	1974155	2154133	2154393	8.37	cps
Iron	56-2	133433	141732	138692	137952	3.04	cps
Iron	57-2	3612	3739	3662	3671	1.75	cps
Lead	206-1	8225	8147	8731	8368	3.79	cps
Lead	207-1	7430	7986	7930	7782	3.93	cps
Lead	208-1	33295	33751	35085	34044	2.73	cps
Lithium	6-1	2794527	2914219	2778406	2829051	2.62	cps
Magnesium	24-2	109314	116333	117709	114452	3.93	cps
Manganese	55-2	2114	2114	2100	2109	0.36	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P7
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:01:53	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	19113	20165	19330	19536	2.84	cps
Molybdenum	95-1	22135	23144	22627	22635	2.23	cps
Molybdenum	96-1	24589	25741	25640	25323	2.52	cps
Molybdenum	97-1	14358	15609	14208	14725	5.23	cps
Molybdenum	98-1	36188	38052	36707	36982	2.60	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1367	1570	1580	1506	8.00	cps
Phosphorus	31-2	183	158	300	214	35.35	cps
Potassium	39-2	145541	151946	149099	148862	2.16	cps
Rhodium	103-1	9854946	10320941	9871611	10015833	2.64	cps
Rhodium	103-2	4910336	4141288	4543393	4531673	8.49	cps
Scandium	45-1	6641516	6969003	6668583	6759701	2.69	cps
Scandium	45-2	318977	274656	290188	294607	7.63	cps
Selenium	77-2	60	53	50	54	9.35	cps
Selenium	78-2	272	250	237	253	7.03	cps
Selenium	82-1	910	907	958	925	3.11	cps
Silicon	28-1	367470	383826	369402	373566	2.39	cps
Silver	109-1	10905	11814	11914	11544	4.82	cps
Silver	107-1	12089	12756	12473	12439	2.69	cps
Sodium	23-2	223776	236241	233039	231019	2.80	cps
Strontium	86-1	3801	3517	4159	3826	8.41	cps
Strontium	88-1	26634	26976	27302	26971	1.24	cps
Sulfur	34-1	427938	429719	429148	428935	0.21	cps
Terbium	159-1	13845778	14401843	13807038	14018219	2.37	cps
Terbium	159-2	7139571	6001549	6596355	6579158	8.65	cps
Thallium	203-1	9537	10263	9762	9854	3.77	cps
Thallium	205-1	22553	23722	23121	23132	2.53	cps
Tin	118-1	39991	42331	39741	40688	3.51	cps
Titanium	47-1	6327	6527	6410	6421	1.56	cps
Uranium	238-1	32951	33619	33068	33213	1.07	cps
Vanadium	51-2	11665	11925	12479	12023	3.46	cps
Yttrium	89-1	11049557	11455612	11076691	11193954	2.03	cps
Yttrium	89-2	1718150	1457499	1594718	1590122	8.20	cps
Zinc	66-2	1703	1680	1777	1720	2.93	cps
Zirconium	90-1	16969	18421	17495	17628	4.17	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P7
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:01:53	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3634	4059	3809	3834	5.57	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCB47	Instrumnet Name :	P7
Client Sample ID :	CCB47	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:05:26	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	75	125	97	26.19	cps
Antimony	121-1	358	350	208	306	27.59	cps
Arsenic	75-2	9	6	17	10	53.90	cps
Barium	135-1	75	58	42	58	28.57	cps
Barium	137-1	67	75	42	61	28.38	cps
Beryllium	9-1	72	83	94	83	13.34	cps
Bismuth	209-1	9954505	9868031	9926523	9916353	0.44	cps
Bismuth	209-2	5985201	5978036	6031997	5998411	0.49	cps
Boron	10-1	908	1000	900	936	5.93	cps
Boron	11-1	5401	4626	4568	4865	9.57	cps
Cadmium	111-1	2159	2241	2062	2154	4.15	cps
Cadmium	106-1	5401	5610	5143	5385	4.34	cps
Cadmium	108-1	8	17	17	14	34.67	cps
Calcium	43-1	175	258	167	200	25.35	cps
Calcium	44-1	6318	5968	6227	6171	2.94	cps
Chromium	52-2	623	630	590	614	3.49	cps
Cobalt	59-2	53	63	50	56	12.49	cps
Copper	63-2	3287	3027	3250	3188	4.41	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	13	3	0	6	124.93	cps
Erbium	164-1	58	50	58	56	8.67	cps
Erbium	164-2	20	20	13	18	21.66	cps
Gadolinium	160-1	92	142	142	125	23.09	cps
Gadolinium	160-2	213	193	260	222	15.40	cps
Holmium	165-1	14833993	14948953	15112789	14965245	0.94	cps
Holmium	165-2	8053427	8004624	8081030	8046360	0.48	cps
Indium	115-1	12103758	12110406	12168037	12127400	0.29	cps
Indium	115-2	2585754	2601129	2601070	2595984	0.34	cps
Iron	56-2	7152	7013	6724	6963	3.14	cps
Iron	57-2	328	372	294	331	11.77	cps
Lead	206-1	422	350	556	443	23.56	cps
Lead	207-1	394	372	428	398	7.02	cps
Lead	208-1	1706	1739	1750	1732	1.34	cps
Lithium	6-1	3077914	3094302	3056722	3076313	0.61	cps
Magnesium	24-2	458	383	433	425	8.99	cps
Manganese	55-2	167	127	150	148	13.60	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCB47	Instrumnet Name :	P7
Client Sample ID :	CCB47	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:05:26	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	600	517	567	561	7.48	cps
Molybdenum	95-1	250	292	183	242	22.61	cps
Molybdenum	96-1	258	342	300	300	13.89	cps
Molybdenum	97-1	142	108	133	128	13.57	cps
Molybdenum	98-1	325	342	367	344	6.09	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	80	70	57	69	16.99	cps
Phosphorus	31-2	142	150	225	172	26.65	cps
Potassium	39-2	35159	35418	35577	35385	0.60	cps
Rhodium	103-1	11034317	10967984	11107187	11036496	0.63	cps
Rhodium	103-2	5484397	5479455	5469101	5477651	0.14	cps
Scandium	45-1	7371962	7328148	7401275	7367128	0.50	cps
Scandium	45-2	352398	354832	353649	353627	0.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	113	106	128	115	9.80	cps
Selenium	82-1	53	-44	83	31	216.64	cps
Silicon	28-1	277681	277358	275821	276954	0.36	cps
Silver	109-1	75	117	83	92	24.05	cps
Silver	107-1	167	158	158	161	2.99	cps
Sodium	23-2	17152	16802	16159	16704	3.01	cps
Strontium	86-1	692	758	767	739	5.56	cps
Strontium	88-1	300	217	258	258	16.13	cps
Sulfur	34-1	441688	440604	438763	440352	0.34	cps
Terbium	159-1	15236352	15365160	15497737	15366416	0.85	cps
Terbium	159-2	7975373	7916552	7960571	7950832	0.38	cps
Thallium	203-1	233	108	158	167	37.75	cps
Thallium	205-1	375	333	442	383	14.26	cps
Tin	118-1	1492	1609	1709	1603	6.77	cps
Titanium	47-1	150	125	150	142	10.19	cps
Uranium	238-1	183	117	58	119	52.36	cps
Vanadium	51-2	13	7	7	9	43.25	cps
Yttrium	89-1	12232090	12238659	12268874	12246541	0.16	cps
Yttrium	89-2	1911297	1922316	1923000	1918871	0.34	cps
Zinc	66-2	610	657	550	606	8.83	cps
Zirconium	90-1	1175	1292	1317	1261	6.00	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCB47	Instrumnet Name :	P7
Client Sample ID :	CCB47	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:05:26	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	275	217	225	20.62	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:08:59	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2392	2142	2334	2289	5.71	cps
Antimony	121-1	20190	19681	20599	20157	2.28	cps
Arsenic	75-2	380	417	400	399	4.65	cps
Barium	135-1	25366	26109	27035	26170	3.20	cps
Barium	137-1	43210	44137	44823	44057	1.84	cps
Beryllium	9-1	2422	2400	2217	2347	4.81	cps
Bismuth	209-1	9811116	10383838	9886294	10027083	3.10	cps
Bismuth	209-2	6067645	6060244	6023632	6050507	0.39	cps
Boron	10-1	7777	8019	7869	7888	1.55	cps
Boron	11-1	34674	35927	37681	36094	4.19	cps
Cadmium	111-1	5025	5084	5011	5040	0.77	cps
Cadmium	106-1	5793	6177	6027	5999	3.22	cps
Cadmium	108-1	204	238	238	226	8.50	cps
Calcium	43-1	15692	15150	16301	15715	3.67	cps
Calcium	44-1	257583	250131	252692	253469	1.49	cps
Chromium	52-2	7695	7285	7525	7502	2.75	cps
Cobalt	59-2	5528	5444	5891	5621	4.23	cps
Copper	63-2	10891	10804	10611	10769	1.33	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Erbium	164-1	58	75	25	53	48.24	cps
Erbium	164-2	10	23	23	19	40.75	cps
Gadolinium	160-1	83	92	92	89	5.41	cps
Gadolinium	160-2	233	247	267	249	6.74	cps
Holmium	165-1	14867365	15691398	14764864	15107876	3.36	cps
Holmium	165-2	8081438	8029063	8020971	8043824	0.41	cps
Indium	115-1	12111827	12694864	12119307	12308666	2.72	cps
Indium	115-2	2610888	2622046	2613646	2615527	0.22	cps
Iron	56-2	151231	151955	151141	151442	0.29	cps
Iron	57-2	3962	3973	4095	4010	1.85	cps
Lead	206-1	8837	8675	9237	8916	3.24	cps
Lead	207-1	8119	8175	8470	8255	2.28	cps
Lead	208-1	36098	37116	37761	36992	2.27	cps
Lithium	6-1	3061146	3179035	3059894	3100025	2.21	cps
Magnesium	24-2	127202	124110	126010	125774	1.24	cps
Manganese	55-2	2204	2130	2324	2219	4.40	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:08:59	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	22168	21734	21241	21714	2.13	cps
Molybdenum	95-1	24939	26008	26041	25663	2.44	cps
Molybdenum	96-1	28438	28563	28354	28452	0.37	cps
Molybdenum	97-1	16502	15818	16076	16132	2.14	cps
Molybdenum	98-1	40835	40767	42096	41233	1.82	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	1690	1630	1743	1688	3.36	cps
Phosphorus	31-2	233	233	242	236	2.04	cps
Potassium	39-2	161781	157764	160653	160066	1.29	cps
Rhodium	103-1	10923730	11585648	11016593	11175324	3.21	cps
Rhodium	103-2	5508514	5502592	5487175	5499427	0.20	cps
Scandium	45-1	7367009	7714360	7330669	7470679	2.84	cps
Scandium	45-2	355329	355582	355764	355558	0.06	cps
Selenium	77-2	73	53	60	62	16.37	cps
Selenium	78-2	246	276	270	264	5.96	cps
Selenium	82-1	1027	947	916	964	5.94	cps
Silicon	28-1	381071	376927	379028	379009	0.55	cps
Silver	109-1	12756	13524	13098	13126	2.93	cps
Silver	107-1	13065	13349	14016	13476	3.62	cps
Sodium	23-2	250628	250971	250837	250812	0.07	cps
Strontium	86-1	4026	4251	4076	4117	2.87	cps
Strontium	88-1	30158	29698	30525	30127	1.37	cps
Sulfur	34-1	442420	440732	438585	440579	0.44	cps
Terbium	159-1	15162147	16065468	15301844	15509820	3.14	cps
Terbium	159-2	7995978	8030151	7938913	7988348	0.58	cps
Thallium	203-1	11013	11380	10521	10972	3.93	cps
Thallium	205-1	25667	25717	25734	25706	0.14	cps
Tin	118-1	44897	44572	45700	45056	1.29	cps
Titanium	47-1	7294	6660	7619	7191	6.78	cps
Uranium	238-1	36352	36385	36009	36249	0.57	cps
Vanadium	51-2	13193	13099	13096	13129	0.42	cps
Yttrium	89-1	12174664	12841521	12204476	12406887	3.04	cps
Yttrium	89-2	1931147	1938431	1929093	1932890	0.25	cps
Zinc	66-2	1840	1660	1980	1827	8.78	cps
Zirconium	90-1	19756	18604	19714	19358	3.37	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:08:59	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4217	4142	4292	4217	1.78	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4085-04	Instrumnet Name :	P7
Client Sample ID :	1511A	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:12:31	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	198585	200940	198388	199304	0.71	cps
Antimony	121-1	4392877	4417758	4427340	4412658	0.40	cps
Arsenic	75-2	53455	53273	53645	53458	0.35	cps
Barium	135-1	4500359	4523581	4513690	4512543	0.26	cps
Barium	137-1	7792312	7868596	7825100	7828669	0.49	cps
Beryllium	9-1	604561	598937	604101	602533	0.52	cps
Bismuth	209-1	10107038	10138811	10154140	10133329	0.24	cps
Bismuth	209-2	6139818	6091914	6115133	6115622	0.39	cps
Boron	10-1	259755	264230	266214	263400	1.26	cps
Boron	11-1	1202761	1243881	1236925	1227855	1.79	cps
Cadmium	111-1	679319	679215	681381	679972	0.18	cps
Cadmium	106-1	67788	69169	68282	68413	1.02	cps
Cadmium	108-1	45887	46430	46104	46140	0.59	cps
Calcium	43-1	3451	3609	3642	3567	2.87	cps
Calcium	44-1	46006	46173	45530	45903	0.73	cps
Chromium	52-2	459958	454625	459410	457998	0.64	cps
Cobalt	59-2	3077584	3058179	3046783	3060849	0.51	cps
Copper	63-2	2530663	2558601	2543511	2544258	0.55	cps
Dysprosium	156-1	92	83	67	81	15.80	cps
Dysprosium	156-2	57	87	93	79	24.76	cps
Erbium	164-1	50	75	58	61	20.83	cps
Erbium	164-2	37	27	33	32	15.80	cps
Gadolinium	160-1	50	83	58	64	27.15	cps
Gadolinium	160-2	210	223	207	213	4.13	cps
Holmium	165-1	15381583	15250525	15326248	15319452	0.43	cps
Holmium	165-2	8202009	8230431	8136262	8189567	0.59	cps
Indium	115-1	12447439	12463280	12406802	12439174	0.23	cps
Indium	115-2	2650217	2661839	2660119	2657391	0.24	cps
Iron	56-2	6061449	6034692	6028038	6041393	0.29	cps
Iron	57-2	148268	150620	150216	149702	0.84	cps
Lead	206-1	12560674	12557327	12553870	12557290	0.03	cps
Lead	207-1	10459817	10568286	10586045	10538049	0.65	cps
Lead	208-1	48873180	49265588	49326877	49155215	0.50	cps
Lithium	6-1	3124050	3138194	3114481	3125575	0.38	cps
Magnesium	24-2	742	733	833	770	7.21	cps
Manganese	55-2	2619405	2638128	2639260	2632264	0.42	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4085-04	Instrumnet Name :	P7
Client Sample ID :	1511A	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:12:31	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1042	1042	1008	1031	1.87	cps
Molybdenum	95-1	575	383	475	478	20.07	cps
Molybdenum	96-1	675	767	800	747	8.66	cps
Molybdenum	97-1	192	158	150	167	13.23	cps
Molybdenum	98-1	808	800	942	850	9.35	cps
Neodymium	150-1	360	420	427	402	9.13	cps
Neodymium	150-2	40	37	53	43	20.34	cps
Nickel	60-2	1701726	1712009	1713687	1709141	0.38	cps
Phosphorus	31-2	250	233	225	236	5.39	cps
Potassium	39-2	37816	38501	37991	38103	0.93	cps
Rhodium	103-1	11329367	11225983	11280280	11278543	0.46	cps
Rhodium	103-2	5552573	5572603	5531357	5552178	0.37	cps
Scandium	45-1	7642421	7591766	7564927	7599705	0.52	cps
Scandium	45-2	362525	365218	363528	363757	0.37	cps
Selenium	77-2	7202	7212	7195	7203	0.12	cps
Selenium	78-2	25242	25172	25730	25382	1.20	cps
Selenium	82-1	147914	148397	148526	148279	0.22	cps
Silicon	28-1	793130	795910	797270	795437	0.27	cps
Silver	109-1	11401460	11453824	11384434	11413239	0.32	cps
Silver	107-1	11915213	11946473	12002935	11954874	0.37	cps
Sodium	23-2	29313	29973	30106	29797	1.42	cps
Strontium	86-1	479207	471815	480740	477254	1.00	cps
Strontium	88-1	4149625	4133116	4156813	4146518	0.29	cps
Sulfur	34-1	429495	422846	422547	424962	0.92	cps
Terbium	159-1	15730147	15757937	15579581	15689222	0.61	cps
Terbium	159-2	8041449	8106857	8057965	8068757	0.42	cps
Thallium	203-1	8035108	7922974	8040659	7999580	0.83	cps
Thallium	205-1	18867353	18818194	18859593	18848380	0.14	cps
Tin	118-1	4426	4968	5389	4928	9.80	cps
Titanium	47-1	267	233	183	228	18.41	cps
Uranium	238-1	367	208	200	258	36.35	cps
Vanadium	51-2	1226964	1226265	1231078	1228102	0.21	cps
Yttrium	89-1	12599831	12576921	12507020	12561257	0.38	cps
Yttrium	89-2	1955878	1960002	1952702	1956194	0.19	cps
Zinc	66-2	550134	554017	550659	551603	0.38	cps
Zirconium	90-1	2434	2434	2259	2375	4.25	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4085-04	Instrumnet Name :	P7
Client Sample ID :	1511A	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:12:31	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	683	792	983	820	18.54	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4085-03	Instrumnet Name :	P7
Client Sample ID :	1537	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:16:05	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	550	625	567	581	6.78	cps
Antimony	121-1	3025	2892	2892	2937	2.62	cps
Arsenic	75-2	22	26	28	25	11.19	cps
Barium	135-1	7085	7077	6827	6997	2.10	cps
Barium	137-1	12673	11906	11147	11908	6.41	cps
Beryllium	9-1	256	228	128	204	32.99	cps
Bismuth	209-1	9694101	9667768	9472379	9611416	1.26	cps
Bismuth	209-2	5381953	5899353	5819584	5700297	4.89	cps
Boron	10-1	13215	12506	10879	12200	9.81	cps
Boron	11-1	62162	56707	52032	56967	8.90	cps
Cadmium	111-1	2359	2421	2401	2393	1.32	cps
Cadmium	106-1	5518	5776	5760	5685	2.54	cps
Cadmium	108-1	33	21	17	24	36.73	cps
Calcium	43-1	2487947	2488399	2478724	2485024	0.22	cps
Calcium	44-1	40799433	40403217	40344281	40515644	0.61	cps
Chromium	52-2	1100	1083	1127	1103	1.98	cps
Cobalt	59-2	317	293	273	294	7.37	cps
Copper	63-2	3450	3490	3320	3420	2.60	cps
Dysprosium	156-1	158	167	125	150	14.70	cps
Dysprosium	156-2	90	93	73	86	12.52	cps
Erbium	164-1	250	200	267	239	14.52	cps
Erbium	164-2	100	103	103	102	1.89	cps
Gadolinium	160-1	208	225	267	233	12.88	cps
Gadolinium	160-2	347	340	263	317	14.62	cps
Holmium	165-1	15212576	15108986	14798389	15039984	1.43	cps
Holmium	165-2	7472564	8150727	8083246	7902179	4.73	cps
Indium	115-1	12149002	11947998	11705417	11934139	1.86	cps
Indium	115-2	2365248	2568341	2547665	2493751	4.48	cps
Iron	56-2	18618	18957	17711	18429	3.50	cps
Iron	57-2	12734	12200	12778	12571	2.56	cps
Lead	206-1	4273	4179	3817	4090	5.88	cps
Lead	207-1	3495	3428	2812	3245	11.61	cps
Lead	208-1	16916	15231	13775	15308	10.27	cps
Lithium	6-1	3111645	3114369	3063687	3096567	0.92	cps
Magnesium	24-2	2203948	2179123	2160244	2181105	1.00	cps
Manganese	55-2	1310	1163	1123	1199	8.20	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4085-03	Instrumnet Name :	P7
Client Sample ID :	1537	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:16:05	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1017	1008	867	964	8.75	cps
Molybdenum	95-1	225	300	250	258	14.78	cps
Molybdenum	96-1	375	442	383	400	9.08	cps
Molybdenum	97-1	183	183	142	169	14.20	cps
Molybdenum	98-1	317	300	417	344	18.32	cps
Neodymium	150-1	227	200	147	191	21.32	cps
Neodymium	150-2	70	87	50	69	26.65	cps
Nickel	60-2	460	333	313	369	21.56	cps
Phosphorus	31-2	183	233	117	178	32.93	cps
Potassium	39-2	3608280	3572399	3521423	3567367	1.22	cps
Rhodium	103-1	10784822	10750296	10407887	10647668	1.96	cps
Rhodium	103-2	4869003	5326841	5288666	5161503	4.92	cps
Scandium	45-1	7506580	7423563	7235659	7388601	1.88	cps
Scandium	45-2	320611	354394	348510	341172	5.29	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	96	96	81	91	9.37	cps
Selenium	82-1	104	-40	99	54	150.00	cps
Silicon	28-1	605789	622235	613912	613979	1.34	cps
Silver	109-1	1917	867	933	1239	47.47	cps
Silver	107-1	2134	1175	1008	1439	42.20	cps
Sodium	23-2	27525400	27336319	26990968	27284229	0.99	cps
Strontium	86-1	79033	77617	80057	78902	1.55	cps
Strontium	88-1	679123	676205	673508	676279	0.42	cps
Sulfur	34-1	448606	456369	465536	456837	1.85	cps
Terbium	159-1	15583711	15432874	15105076	15373887	1.59	cps
Terbium	159-2	7362464	8002719	7936610	7767264	4.53	cps
Thallium	203-1	1725	1242	1158	1375	22.25	cps
Thallium	205-1	4168	3326	2975	3490	17.56	cps
Tin	118-1	4226	4810	3909	4315	10.59	cps
Titanium	47-1	708	500	583	597	17.56	cps
Uranium	238-1	2150	2034	2092	2092	2.79	cps
Vanadium	51-2	153	100	140	131	21.17	cps
Yttrium	89-1	12438877	12247238	12001325	12229147	1.79	cps
Yttrium	89-2	1765492	1919567	1904558	1863206	4.56	cps
Zinc	66-2	1663	1690	1523	1626	5.51	cps
Zirconium	90-1	2292	2434	2625	2450	6.83	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4085-03	Instrumnet Name :	P7
Client Sample ID :	1537	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:16:05	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	392	450	442	428	7.37	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4085-05	Instrumnet Name :	P7
Client Sample ID :	1511B	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:19:38	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5660	5360	5626	5548	2.96	cps
Antimony	121-1	67203	66667	68451	67440	1.36	cps
Arsenic	75-2	763	848	819	810	5.34	cps
Barium	135-1	35312	34410	35956	35226	2.20	cps
Barium	137-1	60893	60574	59428	60298	1.28	cps
Beryllium	9-1	144	272	178	198	33.45	cps
Bismuth	209-1	9985216	9883678	9905294	9924729	0.54	cps
Bismuth	209-2	6058216	5984191	6054144	6032184	0.69	cps
Boron	10-1	45712	47968	47969	47216	2.76	cps
Boron	11-1	214082	221256	220756	218698	1.83	cps
Cadmium	111-1	2367	2481	2451	2433	2.44	cps
Cadmium	106-1	5268	5543	5551	5454	2.96	cps
Cadmium	108-1	463	408	433	435	6.24	cps
Calcium	43-1	975	717	758	817	16.98	cps
Calcium	44-1	21408	20114	18379	19967	7.61	cps
Chromium	52-2	1990	2017	2014	2007	0.72	cps
Cobalt	59-2	840	917	820	859	5.94	cps
Copper	63-2	4001	3781	3961	3914	2.99	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	20	23	7	17	52.90	cps
Erbium	164-1	67	75	67	69	6.93	cps
Erbium	164-2	50	47	67	54	19.68	cps
Gadolinium	160-1	75	150	133	119	32.97	cps
Gadolinium	160-2	253	243	253	250	2.31	cps
Holmium	165-1	14856825	14815382	14824798	14832335	0.15	cps
Holmium	165-2	8070929	8064757	8074355	8070014	0.06	cps
Indium	115-1	11612929	11513779	11524191	11550300	0.47	cps
Indium	115-2	2460222	2448192	2457635	2455350	0.26	cps
Iron	56-2	20782	21038	20253	20691	1.93	cps
Iron	57-2	617	722	589	643	10.95	cps
Lead	206-1	3662	3817	3484	3654	4.56	cps
Lead	207-1	3167	3162	3284	3204	2.15	cps
Lead	208-1	14231	14687	14882	14600	2.29	cps
Lithium	6-1	3178451	3139820	3144769	3154347	0.67	cps
Magnesium	24-2	750	708	542	667	16.54	cps
Manganese	55-2	737	697	730	721	2.97	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4085-05	Instrumnet Name :	P7
Client Sample ID :	1511B	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:19:38	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	691477	685214	678116	684936	0.98	cps
Molybdenum	95-1	1192143	1181210	1183639	1185664	0.48	cps
Molybdenum	96-1	1266202	1252342	1268420	1262321	0.69	cps
Molybdenum	97-1	737522	737255	738324	737700	0.08	cps
Molybdenum	98-1	1888514	1905489	1902034	1898679	0.47	cps
Neodymium	150-1	27	13	27	22	34.66	cps
Neodymium	150-2	10	10	13	11	17.30	cps
Nickel	60-2	973	1037	983	998	3.41	cps
Phosphorus	31-2	200	233	217	217	7.69	cps
Potassium	39-2	49968	51239	50687	50632	1.26	cps
Rhodium	103-1	10830783	10776335	10804190	10803769	0.25	cps
Rhodium	103-2	5369138	5370535	5378237	5372637	0.09	cps
Scandium	45-1	7327639	7200812	7228044	7252165	0.92	cps
Scandium	45-2	344036	342904	345622	344187	0.40	cps
Selenium	77-2	33	20	20	24	31.49	cps
Selenium	78-2	180	178	198	185	6.08	cps
Selenium	82-1	624	663	603	630	4.84	cps
Silicon	28-1	8912022	8885494	8894338	8897285	0.15	cps
Silver	109-1	3842	3876	4564	4094	9.95	cps
Silver	107-1	4126	4092	3976	4065	1.94	cps
Sodium	23-2	106225	107282	107584	107030	0.67	cps
Strontium	86-1	1800	1709	1717	1742	2.91	cps
Strontium	88-1	9220	9020	8653	8964	3.21	cps
Sulfur	34-1	463329	458573	444095	455332	2.20	cps
Terbium	159-1	15229106	15087612	15226022	15180913	0.53	cps
Terbium	159-2	7948708	7938579	7894799	7927362	0.36	cps
Thallium	203-1	1825	1934	1942	1900	3.43	cps
Thallium	205-1	4626	4518	4976	4707	5.09	cps
Tin	118-1	17787445	17670431	17658787	17705554	0.40	cps
Titanium	47-1	121471	122950	119925	121449	1.25	cps
Uranium	238-1	500	550	483	511	6.79	cps
Vanadium	51-2	1790	1820	1803	1805	0.83	cps
Yttrium	89-1	12023720	11881419	12006159	11970433	0.65	cps
Yttrium	89-2	1868855	1875869	1883527	1876084	0.39	cps
Zinc	66-2	1640	1777	1707	1708	4.00	cps
Zirconium	90-1	28429	27377	26884	27563	2.86	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4085-05	Instrumnet Name :	P7
Client Sample ID :	1511B	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:19:38	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6510	6277	5860	6216	5.30	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4045-04	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:36:21	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	98598	98700	101526	99608	1.67	cps
Antimony	121-1	364011	367689	368671	366790	0.67	cps
Arsenic	75-2	12151	11855	12103	12037	1.32	cps
Barium	135-1	2960068	2983274	2970079	2971140	0.39	cps
Barium	137-1	5234505	5242924	5252400	5243276	0.17	cps
Beryllium	9-1	20987	22044	21204	21412	2.61	cps
Bismuth	209-1	10141042	10089364	10067137	10099181	0.38	cps
Bismuth	209-2	6079945	6040916	6046399	6055754	0.35	cps
Boron	10-1	318457	328572	330215	325748	1.95	cps
Boron	11-1	1504065	1517299	1543401	1521588	1.32	cps
Cadmium	111-1	54875	54847	56005	55242	1.20	cps
Cadmium	106-1	9987	9820	10488	10098	3.44	cps
Cadmium	108-1	3738	3713	3646	3699	1.28	cps
Calcium	43-1	417	267	308	331	23.42	cps
Calcium	44-1	8870	9153	8519	8847	3.59	cps
Chromium	52-2	572434	566561	567102	568699	0.57	cps
Cobalt	59-2	127	117	103	116	10.13	cps
Copper	63-2	390303	387610	390653	389522	0.43	cps
Dysprosium	156-1	58	75	33	56	37.75	cps
Dysprosium	156-2	67	37	53	52	28.78	cps
Erbium	164-1	25	50	92	56	60.62	cps
Erbium	164-2	20	17	33	23	37.78	cps
Gadolinium	160-1	117	108	117	114	4.22	cps
Gadolinium	160-2	227	217	227	223	2.59	cps
Holmium	165-1	15174816	15077198	15092449	15114821	0.35	cps
Holmium	165-2	8173024	8092285	8035687	8100332	0.85	cps
Indium	115-1	12065083	11906394	11996467	11989315	0.66	cps
Indium	115-2	2568127	2577823	2577543	2574498	0.21	cps
Iron	56-2	4829132	4797796	4817762	4814896	0.33	cps
Iron	57-2	120228	119106	120071	119802	0.51	cps
Lead	206-1	415703	416971	421706	418126	0.76	cps
Lead	207-1	358174	361700	363225	361033	0.72	cps
Lead	208-1	1641443	1663195	1674776	1659805	1.02	cps
Lithium	6-1	3182142	3150087	3142997	3158408	0.66	cps
Magnesium	24-2	383	392	300	358	14.15	cps
Manganese	55-2	472635	471563	469803	471333	0.30	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4045-04	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:36:21	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	284310	282798	288692	285266	1.07	cps
Molybdenum	95-1	503914	500936	505667	503506	0.48	cps
Molybdenum	96-1	526185	531343	539559	532363	1.27	cps
Molybdenum	97-1	309650	308611	314479	310913	1.01	cps
Molybdenum	98-1	801422	805553	812557	806511	0.70	cps
Neodymium	150-1	273	213	307	264	17.89	cps
Neodymium	150-2	27	43	37	36	23.58	cps
Nickel	60-2	292098	291880	290454	291477	0.31	cps
Phosphorus	31-2	208	167	167	181	13.32	cps
Potassium	39-2	34617	33973	34315	34302	0.94	cps
Rhodium	103-1	10879606	10799626	10841685	10840305	0.37	cps
Rhodium	103-2	5398116	5400216	5405509	5401280	0.07	cps
Scandium	45-1	7294644	7249176	7282228	7275350	0.32	cps
Scandium	45-2	350119	348022	349247	349129	0.30	cps
Selenium	77-2	730	690	737	719	3.51	cps
Selenium	78-2	2667	2661	2580	2636	1.85	cps
Selenium	82-1	14908	15012	15147	15023	0.80	cps
Silicon	28-1	941809	938906	952569	944428	0.76	cps
Silver	109-1	2660170	2692739	2698384	2683764	0.77	cps
Silver	107-1	2797826	2805990	2839636	2814484	0.79	cps
Sodium	23-2	35234	34983	35977	35398	1.46	cps
Strontium	86-1	1684	1692	1700	1692	0.49	cps
Strontium	88-1	8561	8820	8736	8706	1.52	cps
Sulfur	34-1	429653	429750	425991	428465	0.50	cps
Terbium	159-1	15489715	15435962	15434159	15453279	0.20	cps
Terbium	159-2	7952236	7881008	7906958	7913401	0.46	cps
Thallium	203-1	71525	71065	71761	71451	0.50	cps
Thallium	205-1	168698	168759	171857	169771	1.06	cps
Tin	118-1	5651	6336	5485	5824	7.74	cps
Titanium	47-1	2150	2059	2325	2178	6.22	cps
Uranium	238-1	75	92	83	83	10.00	cps
Vanadium	51-2	1914940	1902625	1913968	1910511	0.36	cps
Yttrium	89-1	12122565	12110668	12106077	12113103	0.07	cps
Yttrium	89-2	1903102	1895312	1895166	1897860	0.24	cps
Zinc	66-2	775616	782333	774615	777522	0.54	cps
Zirconium	90-1	2517	2650	2375	2514	5.47	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4045-04	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:36:21	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	758	683	658	700	7.43	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4084-02	Instrumnet Name :	P7
Client Sample ID :	1537	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:39:55	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	708	583	442	578	23.09	cps
Antimony	121-1	2734	2717	3050	2834	6.63	cps
Arsenic	75-2	33	13	37	28	46.68	cps
Barium	135-1	6760	6594	6277	6543	3.75	cps
Barium	137-1	12214	11422	11472	11703	3.79	cps
Beryllium	9-1	72	72	128	91	35.35	cps
Bismuth	209-1	9658416	9670243	9611564	9646741	0.32	cps
Bismuth	209-2	5808599	5753530	5771081	5777737	0.49	cps
Boron	10-1	14641	14024	12772	13812	6.89	cps
Boron	11-1	67268	65434	59610	64104	6.24	cps
Cadmium	111-1	1993	2309	2143	2148	7.36	cps
Cadmium	106-1	4751	5551	5126	5143	7.79	cps
Cadmium	108-1	17	17	17	17	0.00	cps
Calcium	43-1	2416501	2418824	2411296	2415540	0.16	cps
Calcium	44-1	39350774	39202042	39528918	39360578	0.42	cps
Chromium	52-2	1047	1060	1150	1086	5.18	cps
Cobalt	59-2	237	213	187	212	11.79	cps
Copper	63-2	3084	3310	2990	3128	5.26	cps
Dysprosium	156-1	158	67	150	125	40.55	cps
Dysprosium	156-2	113	90	87	97	15.03	cps
Erbium	164-1	183	233	200	206	12.39	cps
Erbium	164-2	127	110	150	129	15.59	cps
Gadolinium	160-1	258	250	267	258	3.23	cps
Gadolinium	160-2	317	293	317	309	4.36	cps
Holmium	165-1	14967026	14942284	14941448	14950253	0.10	cps
Holmium	165-2	8043992	8009594	8013982	8022523	0.23	cps
Indium	115-1	11748209	11581538	11677299	11669015	0.72	cps
Indium	115-2	2531905	2522103	2535005	2529671	0.27	cps
Iron	56-2	18446	17083	17250	17593	4.23	cps
Iron	57-2	12639	12022	12422	12361	2.53	cps
Lead	206-1	2939	3000	2789	2910	3.73	cps
Lead	207-1	2334	2272	1984	2197	8.51	cps
Lead	208-1	10241	10502	9957	10233	2.66	cps
Lithium	6-1	3147757	3119554	3122303	3129871	0.50	cps
Magnesium	24-2	2152281	2148087	2159160	2153176	0.26	cps
Manganese	55-2	1173	1207	1257	1212	3.46	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4084-02	Instrumnet Name :	P7
Client Sample ID :	1537	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:39:55	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	950	800	1117	956	16.58	cps
Molybdenum	95-1	525	342	408	425	21.84	cps
Molybdenum	96-1	617	592	525	578	8.20	cps
Molybdenum	97-1	367	183	300	283	32.75	cps
Molybdenum	98-1	667	575	675	639	8.68	cps
Neodymium	150-1	140	133	80	118	27.92	cps
Neodymium	150-2	77	73	73	74	2.59	cps
Nickel	60-2	327	247	320	298	14.91	cps
Phosphorus	31-2	217	100	150	156	37.63	cps
Potassium	39-2	3474008	3488427	3488699	3483711	0.24	cps
Rhodium	103-1	10359403	10282534	10369321	10337086	0.46	cps
Rhodium	103-2	5225240	5186471	5201124	5204278	0.38	cps
Scandium	45-1	7216930	7137918	7186300	7180383	0.55	cps
Scandium	45-2	347463	347597	346537	347199	0.17	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	83	93	74	83	11.11	cps
Selenium	82-1	-37	-45	41	-13	-351.49	cps
Silicon	28-1	581189	581894	588491	583858	0.69	cps
Silver	109-1	567	200	517	428	46.48	cps
Silver	107-1	608	517	458	528	14.33	cps
Sodium	23-2	26893178	26741029	26814650	26816285	0.28	cps
Strontium	86-1	75927	75465	75096	75496	0.55	cps
Strontium	88-1	659677	658887	653933	657499	0.47	cps
Sulfur	34-1	436539	441298	447296	441711	1.22	cps
Terbium	159-1	15252394	15228333	15259816	15246848	0.11	cps
Terbium	159-2	7927234	7913536	7931759	7924176	0.12	cps
Thallium	203-1	175	150	250	192	27.15	cps
Thallium	205-1	425	492	533	483	11.31	cps
Tin	118-1	4976	4851	4543	4790	4.66	cps
Titanium	47-1	800	567	550	639	21.88	cps
Uranium	238-1	2167	2359	2300	2275	4.32	cps
Vanadium	51-2	177	153	147	159	9.91	cps
Yttrium	89-1	11884778	11894264	11823845	11867629	0.32	cps
Yttrium	89-2	1875623	1877052	1889047	1880574	0.39	cps
Zinc	66-2	1510	1427	1573	1503	4.89	cps
Zirconium	90-1	1725	1742	1875	1781	4.62	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4084-02	Instrumnet Name :	P7
Client Sample ID :	1537	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:39:55	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	517	525	375	472	17.85	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4084-04	Instrumnet Name :	P7
Client Sample ID :	1511B	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:43:30	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5301	5084	5535	5307	4.24	cps
Antimony	121-1	66533	66969	66089	66530	0.66	cps
Arsenic	75-2	878	876	776	843	6.91	cps
Barium	135-1	34970	34327	35363	34886	1.50	cps
Barium	137-1	58918	59370	59386	59225	0.45	cps
Beryllium	9-1	250	200	144	198	26.65	cps
Bismuth	209-1	9972674	9920170	9907404	9933416	0.35	cps
Bismuth	209-2	5958465	5933515	5958086	5950022	0.24	cps
Boron	10-1	48570	48796	48779	48715	0.26	cps
Boron	11-1	220654	221347	223954	221985	0.78	cps
Cadmium	111-1	2311	2377	2372	2353	1.55	cps
Cadmium	106-1	5343	5268	5001	5204	3.45	cps
Cadmium	108-1	525	454	404	461	13.17	cps
Calcium	43-1	908	825	642	792	17.23	cps
Calcium	44-1	20114	18896	18195	19069	5.09	cps
Chromium	52-2	1840	2040	1857	1912	5.80	cps
Cobalt	59-2	923	780	803	836	9.20	cps
Copper	63-2	3831	3781	3781	3797	0.76	cps
Dysprosium	156-1	0	42	25	22	94.38	cps
Dysprosium	156-2	13	13	3	10	57.75	cps
Erbium	164-1	50	42	67	53	24.12	cps
Erbium	164-2	13	27	20	20	33.35	cps
Gadolinium	160-1	150	117	183	150	22.22	cps
Gadolinium	160-2	253	207	183	214	16.62	cps
Holmium	165-1	14926945	14813026	14754370	14831447	0.59	cps
Holmium	165-2	7973713	7964887	7994381	7977660	0.19	cps
Indium	115-1	11426539	11325227	11450438	11400734	0.58	cps
Indium	115-2	2414372	2398501	2432005	2414959	0.69	cps
Iron	56-2	20059	19936	19825	19940	0.59	cps
Iron	57-2	600	567	606	591	3.56	cps
Lead	206-1	3617	3312	3295	3408	5.32	cps
Lead	207-1	3178	2900	3095	3058	4.66	cps
Lead	208-1	13720	13192	13898	13603	2.70	cps
Lithium	6-1	3162900	3116866	3120113	3133293	0.82	cps
Magnesium	24-2	525	567	517	536	5.00	cps
Manganese	55-2	670	697	630	666	5.04	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4084-04	Instrumnet Name :	P7
Client Sample ID :	1511B	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:43:30	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	678595	668978	680285	675953	0.90	cps
Molybdenum	95-1	1176602	1166318	1180247	1174389	0.62	cps
Molybdenum	96-1	1244154	1242059	1245150	1243788	0.13	cps
Molybdenum	97-1	732037	729063	730634	730578	0.20	cps
Molybdenum	98-1	1877857	1878877	1888598	1881778	0.32	cps
Neodymium	150-1	0	20	27	16	89.22	cps
Neodymium	150-2	0	3	10	4	114.60	cps
Nickel	60-2	1037	993	927	986	5.62	cps
Phosphorus	31-2	192	183	217	197	8.80	cps
Potassium	39-2	50286	49233	49350	49623	1.16	cps
Rhodium	103-1	10573114	10534302	10521046	10542820	0.26	cps
Rhodium	103-2	5307507	5273529	5266528	5282521	0.41	cps
Scandium	45-1	7109267	7093502	7068038	7090269	0.29	cps
Scandium	45-2	339135	337674	339537	338782	0.29	cps
Selenium	77-2	37	30	23	30	22.23	cps
Selenium	78-2	183	187	172	181	4.26	cps
Selenium	82-1	543	585	671	600	10.86	cps
Silicon	28-1	8824339	8691274	8692249	8735954	0.88	cps
Silver	109-1	3125	3284	3442	3284	4.82	cps
Silver	107-1	3892	3251	3667	3603	9.04	cps
Sodium	23-2	108514	108374	103263	106717	2.80	cps
Strontium	86-1	1550	1800	1767	1706	7.96	cps
Strontium	88-1	8661	8978	8895	8845	1.86	cps
Sulfur	34-1	438773	436793	430821	435462	0.95	cps
Terbium	159-1	15132692	15034566	15100447	15089235	0.33	cps
Terbium	159-2	7819432	7827401	7798566	7815133	0.19	cps
Thallium	203-1	1625	1675	1550	1617	3.89	cps
Thallium	205-1	3992	3901	3842	3912	1.93	cps
Tin	118-1	17453547	17431479	17550466	17478497	0.36	cps
Titanium	47-1	120657	120088	119515	120087	0.48	cps
Uranium	238-1	542	408	467	472	14.15	cps
Vanadium	51-2	1817	1933	1653	1801	7.81	cps
Yttrium	89-1	11797869	11714124	11784601	11765531	0.38	cps
Yttrium	89-2	1851207	1853884	1854790	1853294	0.10	cps
Zinc	66-2	1580	1740	1710	1677	5.07	cps
Zirconium	90-1	24789	25089	24689	24856	0.84	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4084-04	Instrumnet Name :	P7
Client Sample ID :	1511B	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:43:30	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5718	5818	5651	5729	1.46	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4084-03	Instrumnet Name :	P7
Client Sample ID :	1511A	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:49:29	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	189020	191266	187771	189352	0.94	cps
Antimony	121-1	4250359	4259047	4258446	4255951	0.11	cps
Arsenic	75-2	50667	50972	50710	50783	0.33	cps
Barium	135-1	4353233	4374879	4373990	4367367	0.28	cps
Barium	137-1	7547144	7578932	7617045	7581040	0.46	cps
Beryllium	9-1	593849	587249	598544	593214	0.96	cps
Bismuth	209-1	9958609	10058004	9983660	10000091	0.52	cps
Bismuth	209-2	6039359	6020444	5962316	6007373	0.67	cps
Boron	10-1	258362	262531	267142	262679	1.67	cps
Boron	11-1	1204613	1231071	1234904	1223529	1.35	cps
Cadmium	111-1	650966	650611	654322	651966	0.31	cps
Cadmium	106-1	64950	64992	65828	65257	0.76	cps
Cadmium	108-1	43500	44775	44507	44261	1.52	cps
Calcium	43-1	3526	3492	3809	3609	4.82	cps
Calcium	44-1	43289	42604	42788	42894	0.83	cps
Chromium	52-2	439530	440311	435527	438456	0.59	cps
Cobalt	59-2	2923493	2906291	2863932	2897905	1.06	cps
Copper	63-2	2437745	2432857	2411331	2427311	0.58	cps
Dysprosium	156-1	75	83	75	78	6.19	cps
Dysprosium	156-2	60	67	67	64	5.98	cps
Erbium	164-1	42	50	50	47	10.18	cps
Erbium	164-2	13	20	20	18	21.66	cps
Gadolinium	160-1	50	108	133	97	43.99	cps
Gadolinium	160-2	223	233	223	227	2.55	cps
Holmium	165-1	14996533	14960398	15007914	14988282	0.17	cps
Holmium	165-2	8103354	8069569	7963263	8045395	0.91	cps
Indium	115-1	11867861	11898496	11923631	11896663	0.23	cps
Indium	115-2	2567393	2561393	2543752	2557513	0.48	cps
Iron	56-2	5822610	5775686	5702287	5766861	1.05	cps
Iron	57-2	142923	142608	141900	142477	0.37	cps
Lead	206-1	12534487	12567423	12497705	12533205	0.28	cps
Lead	207-1	10428435	10486949	10443091	10452825	0.29	cps
Lead	208-1	48916902	48999286	48910124	48942104	0.10	cps
Lithium	6-1	3137142	3108520	3121730	3122464	0.46	cps
Magnesium	24-2	592	517	600	569	8.06	cps
Manganese	55-2	2505759	2523333	2520130	2516407	0.37	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4084-03	Instrumnet Name :	P7
Client Sample ID :	1511A	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:49:29	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1033	1158	950	1047	10.01	cps
Molybdenum	95-1	517	433	575	508	14.01	cps
Molybdenum	96-1	767	650	625	681	11.11	cps
Molybdenum	97-1	267	192	267	242	17.92	cps
Molybdenum	98-1	958	958	742	886	14.12	cps
Neodymium	150-1	380	460	493	444	13.11	cps
Neodymium	150-2	30	33	23	29	17.63	cps
Nickel	60-2	1633849	1640798	1627192	1633946	0.42	cps
Phosphorus	31-2	158	200	175	178	11.80	cps
Potassium	39-2	35761	34884	35360	35335	1.24	cps
Rhodium	103-1	10694464	10687568	10737990	10706674	0.26	cps
Rhodium	103-2	5369430	5345547	5320196	5345058	0.46	cps
Scandium	45-1	7138312	7174787	7183650	7165583	0.34	cps
Scandium	45-2	344496	347117	342689	344767	0.65	cps
Selenium	77-2	7262	7435	7115	7271	2.20	cps
Selenium	78-2	23849	24163	23703	23905	0.98	cps
Selenium	82-1	140348	141816	139618	140594	0.80	cps
Silicon	28-1	748983	751456	750864	750434	0.17	cps
Silver	109-1	10878216	10962535	10885475	10908742	0.43	cps
Silver	107-1	11364933	11414999	11387112	11389015	0.22	cps
Sodium	23-2	28920	29012	28695	28876	0.57	cps
Strontium	86-1	450503	457881	455638	454674	0.83	cps
Strontium	88-1	3968669	3961699	3978894	3969754	0.22	cps
Sulfur	34-1	414581	410788	404753	410041	1.21	cps
Terbium	159-1	15263204	15310061	15327626	15300297	0.22	cps
Terbium	159-2	7972208	7912196	7889982	7924795	0.54	cps
Thallium	203-1	7999066	7989297	7961514	7983292	0.24	cps
Thallium	205-1	18828397	18716133	18787571	18777367	0.30	cps
Tin	118-1	6485	6644	7520	6883	8.10	cps
Titanium	47-1	283	208	225	239	16.49	cps
Uranium	238-1	217	242	242	233	6.19	cps
Vanadium	51-2	1176272	1171196	1167884	1171784	0.36	cps
Yttrium	89-1	11988801	12037867	11975425	12000698	0.27	cps
Yttrium	89-2	1883940	1887984	1874470	1882131	0.37	cps
Zinc	66-2	528215	523397	522880	524831	0.56	cps
Zirconium	90-1	2042	1892	2317	2084	10.35	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4084-03	Instrumnet Name :	P7
Client Sample ID :	1511A	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:49:29	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	583	667	658	636	7.22	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	PB111553BL	Instrumnet Name :	P7
Client Sample ID :	PB111553BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:57:43	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	92	67	61	55.11	cps
Antimony	121-1	325	383	317	342	10.63	cps
Arsenic	75-2	15	13	7	12	32.84	cps
Barium	135-1	192	100	175	156	31.39	cps
Barium	137-1	275	225	333	278	19.52	cps
Beryllium	9-1	161	133	117	137	16.39	cps
Bismuth	209-1	9985620	9933922	10034594	9984712	0.50	cps
Bismuth	209-2	6041869	5929674	5959070	5976871	0.97	cps
Boron	10-1	3709	3842	3634	3728	2.83	cps
Boron	11-1	17644	17227	16852	17241	2.30	cps
Cadmium	111-1	1967	1955	1917	1946	1.35	cps
Cadmium	106-1	4884	4868	4818	4857	0.71	cps
Cadmium	108-1	17	13	21	17	24.99	cps
Calcium	43-1	208	283	242	244	15.37	cps
Calcium	44-1	6310	6218	6460	6329	1.93	cps
Chromium	52-2	610	567	673	617	8.70	cps
Cobalt	59-2	110	147	113	123	16.44	cps
Copper	63-2	2794	2674	2904	2790	4.12	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	7	0	10	6	91.64	cps
Erbium	164-1	42	25	50	39	32.73	cps
Erbium	164-2	40	13	30	28	48.51	cps
Gadolinium	160-1	67	83	42	64	32.83	cps
Gadolinium	160-2	233	243	220	232	5.04	cps
Holmium	165-1	14944352	14954471	15008541	14969121	0.23	cps
Holmium	165-2	8109955	7964818	8012378	8029051	0.92	cps
Indium	115-1	11907418	11957148	11909032	11924533	0.24	cps
Indium	115-2	2545001	2503269	2534033	2527434	0.86	cps
Iron	56-2	6490	6285	6535	6437	2.07	cps
Iron	57-2	300	283	300	294	3.27	cps
Lead	206-1	1117	956	1167	1080	10.22	cps
Lead	207-1	844	856	861	854	0.99	cps
Lead	208-1	3873	3889	4167	3976	4.16	cps
Lithium	6-1	3048939	3036777	3040027	3041914	0.21	cps
Magnesium	24-2	325	267	258	283	12.82	cps
Manganese	55-2	233	173	207	204	14.70	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	PB111553BL	Instrumnet Name :	P7
Client Sample ID :	PB111553BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:57:43	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	375	475	458	436	12.29	cps
Molybdenum	95-1	150	158	192	167	13.23	cps
Molybdenum	96-1	317	183	250	250	26.67	cps
Molybdenum	97-1	108	142	83	111	26.34	cps
Molybdenum	98-1	225	267	175	222	20.65	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	120	107	130	119	9.84	cps
Phosphorus	31-2	158	133	150	147	8.65	cps
Potassium	39-2	32979	34207	32904	33363	2.19	cps
Rhodium	103-1	10644357	10569333	10730853	10648181	0.76	cps
Rhodium	103-2	5377436	5259605	5322997	5320012	1.11	cps
Scandium	45-1	7122130	7090426	7148030	7120195	0.41	cps
Scandium	45-2	341702	342841	342496	342346	0.17	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	106	83	83	91	14.14	cps
Selenium	82-1	6	22	18	15	53.25	cps
Silicon	28-1	255218	256947	257045	256403	0.40	cps
Silver	109-1	350	400	375	375	6.67	cps
Silver	107-1	575	467	417	486	16.65	cps
Sodium	23-2	16051	15425	15867	15781	2.04	cps
Strontium	86-1	717	725	617	686	8.79	cps
Strontium	88-1	283	250	250	261	7.37	cps
Sulfur	34-1	410314	415040	419289	414881	1.08	cps
Terbium	159-1	15273255	15293936	15358298	15308497	0.29	cps
Terbium	159-2	7926157	7811719	7865744	7867874	0.73	cps
Thallium	203-1	375	408	375	386	4.99	cps
Thallium	205-1	1033	925	908	956	7.10	cps
Tin	118-1	4834	7345	4651	5610	26.83	cps
Titanium	47-1	100	75	133	103	28.48	cps
Uranium	238-1	25	125	50	67	78.07	cps
Vanadium	51-2	37	23	30	30	22.23	cps
Yttrium	89-1	11875994	11859775	11960131	11898633	0.45	cps
Yttrium	89-2	1867838	1855939	1874982	1866253	0.52	cps
Zinc	66-2	443	373	400	406	8.71	cps
Zirconium	90-1	1000	1108	1042	1050	5.20	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	PB111553BL	Instrumnet Name :	P7
Client Sample ID :	PB111553BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 14:57:43	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	208	208	200	7.22	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	PB111553BS	Instrumnet Name :	P7
Client Sample ID :	PB111553BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:01:16	DataFile Name :	032LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1091350	1088593	1091868	1090604	0.16	cps
Antimony	121-1	5225897	5215110	5223187	5221398	0.11	cps
Arsenic	75-2	187021	185844	187004	186623	0.36	cps
Barium	135-1	6693948	6693995	6678857	6688933	0.13	cps
Barium	137-1	11638783	11611800	11608145	11619576	0.14	cps
Beryllium	9-1	1087134	1092364	1077224	1085574	0.71	cps
Bismuth	209-1	9592672	9673310	9627830	9631271	0.42	cps
Bismuth	209-2	5772449	5735892	5731124	5746488	0.39	cps
Boron	10-1	140212	145419	150601	145411	3.57	cps
Boron	11-1	663543	680086	688526	677385	1.88	cps
Cadmium	111-1	1343304	1349284	1342278	1344955	0.28	cps
Cadmium	106-1	161275	161670	159656	160867	0.66	cps
Cadmium	108-1	105681	107483	106966	106710	0.87	cps
Calcium	43-1	1549705	1558993	1548758	1552485	0.36	cps
Calcium	44-1	25175998	25370803	25087751	25211518	0.57	cps
Chromium	52-2	1610264	1619055	1620076	1616465	0.33	cps
Cobalt	59-2	2617661	2607619	2636860	2620713	0.57	cps
Copper	63-2	3611084	3628117	3629962	3623054	0.29	cps
Dysprosium	156-1	150	117	142	136	12.75	cps
Dysprosium	156-2	127	137	137	133	4.33	cps
Erbium	164-1	42	92	108	81	43.07	cps
Erbium	164-2	37	23	33	31	22.31	cps
Gadolinium	160-1	108	100	125	111	11.46	cps
Gadolinium	160-2	217	247	217	227	7.64	cps
Holmium	165-1	15049656	15012052	15082964	15048224	0.24	cps
Holmium	165-2	8072579	8029977	8014374	8038977	0.37	cps
Indium	115-1	11324675	11377689	11417745	11373370	0.41	cps
Indium	115-2	2457933	2442775	2466464	2455724	0.49	cps
Iron	56-2	70016300	69445649	69815113	69759021	0.41	cps
Iron	57-2	1721064	1719300	1729335	1723233	0.31	cps
Lead	206-1	4430571	4483892	4467242	4460569	0.61	cps
Lead	207-1	4022558	4050535	4037117	4036737	0.35	cps
Lead	208-1	18047842	18210109	18124734	18127562	0.45	cps
Lithium	6-1	3026884	3026350	2987798	3013678	0.74	cps
Magnesium	24-2	12858661	12741332	12774816	12791603	0.47	cps
Manganese	55-2	1989978	1978846	1998850	1989225	0.50	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	PB111553BS	Instrumnet Name :	P7
Client Sample ID :	PB111553BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:01:16	DataFile Name :	032LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10591532	10521909	10640298	10584580	0.56	cps
Molybdenum	95-1	12942805	12988618	13020675	12984033	0.30	cps
Molybdenum	96-1	14253653	14350847	14315933	14306811	0.34	cps
Molybdenum	97-1	8052961	8042375	8069809	8055048	0.17	cps
Molybdenum	98-1	20829556	20625608	20751226	20735463	0.50	cps
Neodymium	150-1	627	587	627	613	3.77	cps
Neodymium	150-2	53	87	63	68	25.24	cps
Nickel	60-2	689973	688265	686010	688083	0.29	cps
Phosphorus	31-2	60650	59938	61009	60532	0.90	cps
Potassium	39-2	6306684	6259019	6333976	6299893	0.60	cps
Rhodium	103-1	10180992	10084336	10128928	10131418	0.48	cps
Rhodium	103-2	5099847	5049595	5076867	5075436	0.50	cps
Scandium	45-1	6956735	6971024	6949481	6959080	0.16	cps
Scandium	45-2	338860	333242	338254	336785	0.92	cps
Selenium	77-2	5024	4951	4788	4921	2.46	cps
Selenium	78-2	16676	16513	16697	16629	0.60	cps
Selenium	82-1	95591	95594	96910	96032	0.79	cps
Silicon	28-1	3614365	3643587	3630979	3629643	0.40	cps
Silver	109-1	6242902	6270631	6201436	6238323	0.56	cps
Silver	107-1	6547590	6548189	6538156	6544645	0.09	cps
Sodium	23-2	23725225	23559215	23593077	23625839	0.37	cps
Strontium	86-1	1672092	1675173	1687861	1678375	0.50	cps
Strontium	88-1	14684726	14745765	14726975	14719155	0.21	cps
Sulfur	34-1	923942	921901	910422	918755	0.79	cps
Terbium	159-1	15238990	15195779	15266076	15233615	0.23	cps
Terbium	159-2	7930989	7847849	7841321	7873386	0.63	cps
Thallium	203-1	5488229	5575764	5540346	5534780	0.80	cps
Thallium	205-1	12983112	13167619	12969247	13039993	0.85	cps
Tin	118-1	4422732	4470992	4477775	4457166	0.67	cps
Titanium	47-1	3512016	3502590	3531595	3515400	0.42	cps
Uranium	238-1	19441158	19526844	19429505	19465836	0.27	cps
Vanadium	51-2	1336945	1325003	1335788	1332579	0.49	cps
Yttrium	89-1	11817538	11710370	11777302	11768403	0.46	cps
Yttrium	89-2	1858489	1846314	1853714	1852839	0.33	cps
Zinc	66-2	549331	547527	550999	549286	0.32	cps
Zirconium	90-1	8900442	8787042	8885703	8857729	0.70	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	PB111553BS	Instrumnet Name :	P7
Client Sample ID :	PB111553BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:01:16	DataFile Name :	032LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1962502	1949854	1971402	1961253	0.55	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P7
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:04:50	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5498473	5446155	5430329	5458319	0.65	cps
Antimony	121-1	4839965	4832992	4826802	4833253	0.14	cps
Arsenic	75-2	170054	169680	169875	169870	0.11	cps
Barium	135-1	6303315	6304702	6297828	6301948	0.06	cps
Barium	137-1	10896335	10935164	10948153	10926551	0.25	cps
Beryllium	9-1	1014673	1009260	1014404	1012779	0.30	cps
Bismuth	209-1	8814928	8790251	8678032	8761071	0.83	cps
Bismuth	209-2	5301559	5302076	5279202	5294279	0.25	cps
Boron	10-1	134837	136436	140884	137386	2.28	cps
Boron	11-1	637364	646631	655074	646356	1.37	cps
Cadmium	111-1	1206325	1206629	1208937	1207297	0.12	cps
Cadmium	106-1	146204	147923	146768	146965	0.60	cps
Cadmium	108-1	96878	96136	95162	96059	0.90	cps
Calcium	43-1	7269146	7282198	7302286	7284543	0.23	cps
Calcium	44-1	118231294	118511215	118690040	118477517	0.20	cps
Chromium	52-2	1589139	1571589	1564362	1575030	0.81	cps
Cobalt	59-2	2428873	2442041	2453170	2441361	0.50	cps
Copper	63-2	3415904	3413409	3426711	3418675	0.21	cps
Dysprosium	156-1	142	108	183	144	26.01	cps
Dysprosium	156-2	123	183	127	144	23.34	cps
Erbium	164-1	67	92	83	81	15.80	cps
Erbium	164-2	23	53	33	37	41.66	cps
Gadolinium	160-1	175	133	225	178	25.82	cps
Gadolinium	160-2	283	290	273	282	2.97	cps
Holmium	165-1	14530989	14462687	14244863	14412846	1.04	cps
Holmium	165-2	7855298	7846354	7812856	7838169	0.29	cps
Indium	115-1	10815109	10741629	10707399	10754712	0.51	cps
Indium	115-2	2357532	2356578	2352527	2355546	0.11	cps
Iron	56-2	326543652	325214196	327244607	326334152	0.32	cps
Iron	57-2	8087055	8044230	8105565	8078950	0.39	cps
Lead	206-1	4100652	4094890	4106671	4100738	0.14	cps
Lead	207-1	3712405	3726755	3686684	3708615	0.55	cps
Lead	208-1	16670290	16718311	16551850	16646817	0.51	cps
Lithium	6-1	2822561	2806530	2829095	2819396	0.41	cps
Magnesium	24-2	61108853	60494060	60133364	60578759	0.81	cps
Manganese	55-2	1924724	1901302	1914410	1913479	0.61	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P7
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:04:50	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10100024	10018237	10006427	10041563	0.51	cps
Molybdenum	95-1	12367457	12253102	12258502	12293020	0.52	cps
Molybdenum	96-1	13633423	13527152	13560478	13573685	0.40	cps
Molybdenum	97-1	7686255	7644767	7660020	7663681	0.27	cps
Molybdenum	98-1	19744022	19810332	19629861	19728072	0.46	cps
Neodymium	150-1	567	620	567	584	5.27	cps
Neodymium	150-2	97	57	97	83	27.71	cps
Nickel	60-2	640314	637306	641318	639646	0.33	cps
Phosphorus	31-2	56475	56917	57026	56806	0.51	cps
Potassium	39-2	30035855	29718904	29835627	29863462	0.54	cps
Rhodium	103-1	9336711	9382346	9313045	9344034	0.38	cps
Rhodium	103-2	4709904	4700327	4691687	4700639	0.19	cps
Scandium	45-1	6786917	6812592	6787050	6795520	0.22	cps
Scandium	45-2	329590	327331	327492	328138	0.38	cps
Selenium	77-2	4261	4324	4251	4278	0.93	cps
Selenium	78-2	14834	14832	14606	14757	0.89	cps
Selenium	82-1	84593	84485	84447	84508	0.09	cps
Silicon	28-1	3493685	3480206	3535683	3503192	0.83	cps
Silver	109-1	5607687	5596111	5569276	5591025	0.35	cps
Silver	107-1	5839492	5856662	5847772	5847975	0.15	cps
Sodium	23-2	112132765	111206632	111020240	111453212	0.53	cps
Strontium	86-1	1580150	1572672	1580853	1577892	0.29	cps
Strontium	88-1	13920685	13807787	13788865	13839112	0.52	cps
Sulfur	34-1	865598	866226	864229	865351	0.12	cps
Terbium	159-1	14571845	14684659	14591354	14615953	0.41	cps
Terbium	159-2	7664228	7662199	7642886	7656438	0.15	cps
Thallium	203-1	5102610	5052846	5043560	5066339	0.63	cps
Thallium	205-1	12035134	11970376	11993019	11999510	0.27	cps
Tin	118-1	4154717	4158751	4162216	4158562	0.09	cps
Titanium	47-1	3370776	3358241	3345872	3358296	0.37	cps
Uranium	238-1	18418488	18391607	18604824	18471640	0.63	cps
Vanadium	51-2	1287380	1275579	1264860	1275940	0.88	cps
Yttrium	89-1	11230494	11294046	11231217	11251919	0.32	cps
Yttrium	89-2	1816746	1813489	1800132	1810122	0.49	cps
Zinc	66-2	535034	532246	532833	533371	0.28	cps
Zirconium	90-1	8423802	8442013	8414800	8426872	0.16	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P7
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:04:50	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1859713	1869551	1863955	1864406	0.26	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCB48	Instrumnet Name :	P7
Client Sample ID :	CCB48	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:12:08	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208	142	83	144	43.30	cps
Antimony	121-1	2434	2600	2700	2578	5.23	cps
Arsenic	75-2	22	17	33	24	35.24	cps
Barium	135-1	133	100	117	117	14.29	cps
Barium	137-1	258	183	225	222	16.91	cps
Beryllium	9-1	222	144	139	169	27.65	cps
Bismuth	209-1	9846258	9952676	9905807	9901580	0.54	cps
Bismuth	209-2	5920945	5825514	5828402	5858287	0.93	cps
Boron	10-1	3951	3934	3617	3834	4.90	cps
Boron	11-1	18061	17161	16368	17197	4.93	cps
Cadmium	111-1	2096	2060	2100	2086	1.05	cps
Cadmium	106-1	5134	5051	5193	5126	1.39	cps
Cadmium	108-1	17	8	8	11	43.34	cps
Calcium	43-1	325	225	258	269	18.90	cps
Calcium	44-1	7677	7727	7169	7524	4.11	cps
Chromium	52-2	510	643	590	581	11.55	cps
Cobalt	59-2	100	120	67	96	28.19	cps
Copper	63-2	2627	2684	2787	2699	3.01	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	42	67	83	64	32.83	cps
Erbium	164-2	20	13	23	19	26.96	cps
Gadolinium	160-1	142	67	25	78	76.01	cps
Gadolinium	160-2	203	250	193	216	14.03	cps
Holmium	165-1	14814428	14926627	14814519	14851858	0.44	cps
Holmium	165-2	8017302	7816311	7808545	7880719	1.50	cps
Indium	115-1	11819245	11864469	11776356	11820023	0.37	cps
Indium	115-2	2519835	2484384	2492580	2498933	0.74	cps
Iron	56-2	13601	12984	12539	13041	4.09	cps
Iron	57-2	517	467	456	480	6.79	cps
Lead	206-1	906	950	850	902	5.56	cps
Lead	207-1	722	783	806	770	5.60	cps
Lead	208-1	3428	3461	3573	3487	2.17	cps
Lithium	6-1	3025686	3012317	3017676	3018560	0.22	cps
Magnesium	24-2	950	925	833	903	6.80	cps
Manganese	55-2	133	170	150	151	12.15	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCB48	Instrumnet Name :	P7
Client Sample ID :	CCB48	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:12:08	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1250	1183	1350	1261	6.65	cps
Molybdenum	95-1	1292	1267	1225	1261	2.67	cps
Molybdenum	96-1	1458	1408	1325	1397	4.82	cps
Molybdenum	97-1	783	833	767	795	4.37	cps
Molybdenum	98-1	1934	1859	1967	1920	2.89	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	70	73	97	80	18.17	cps
Phosphorus	31-2	150	158	167	158	5.26	cps
Potassium	39-2	34867	34549	35043	34820	0.72	cps
Rhodium	103-1	10648397	10734146	10623367	10668637	0.54	cps
Rhodium	103-2	5245660	5181308	5162459	5196476	0.84	cps
Scandium	45-1	7142999	7152200	7090159	7128453	0.47	cps
Scandium	45-2	340610	335274	336060	337315	0.85	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	104	106	100	103	2.75	cps
Selenium	82-1	-16	7	31	7	333.38	cps
Silicon	28-1	256544	259734	257004	257761	0.67	cps
Silver	109-1	258	258	258	258	0.00	cps
Silver	107-1	433	383	275	364	22.24	cps
Sodium	23-2	21441	21675	20072	21063	4.11	cps
Strontium	86-1	617	717	725	686	8.79	cps
Strontium	88-1	417	417	408	414	1.16	cps
Sulfur	34-1	403875	400579	398986	401146	0.62	cps
Terbium	159-1	15218520	15277208	15181800	15225843	0.32	cps
Terbium	159-2	7868809	7745141	7697681	7770543	1.14	cps
Thallium	203-1	550	458	458	489	10.82	cps
Thallium	205-1	892	1100	875	956	13.12	cps
Tin	118-1	2134	2442	2017	2198	10.00	cps
Titanium	47-1	208	225	225	219	4.39	cps
Uranium	238-1	275	367	325	322	14.25	cps
Vanadium	51-2	43	47	27	39	27.55	cps
Yttrium	89-1	11932078	11958458	11817432	11902656	0.63	cps
Yttrium	89-2	1856846	1830350	1837078	1841425	0.75	cps
Zinc	66-2	537	457	610	534	14.35	cps
Zirconium	90-1	1450	1325	1217	1331	8.78	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCB48	Instrumnet Name :	P7
Client Sample ID :	CCB48	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:12:08	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	342	317	317	325	4.44	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	PB111557BL	Instrumnet Name :	P7
Client Sample ID :	PB111557BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:15:41	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	133	100	125	17.64	cps
Antimony	121-1	908	1250	1283	1147	18.09	cps
Arsenic	75-2	15	17	11	14	19.94	cps
Barium	135-1	67	75	92	78	16.37	cps
Barium	137-1	183	100	142	142	29.41	cps
Beryllium	9-1	100	144	150	131	20.84	cps
Bismuth	209-1	9575018	9721888	9730408	9675771	0.90	cps
Bismuth	209-2	5891637	5795317	5852492	5846482	0.83	cps
Boron	10-1	2934	2925	2792	2884	2.76	cps
Boron	11-1	13348	13040	13481	13290	1.71	cps
Cadmium	111-1	2110	1923	1644	1892	12.38	cps
Cadmium	106-1	5243	4734	4059	4679	12.69	cps
Cadmium	108-1	0	0	13	4	173.21	cps
Calcium	43-1	208	158	250	206	22.33	cps
Calcium	44-1	6727	6452	6293	6491	3.38	cps
Chromium	52-2	680	617	633	643	5.10	cps
Cobalt	59-2	73	77	53	68	18.63	cps
Copper	63-2	2797	2854	2504	2718	6.91	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	42	50	33	42	20.00	cps
Erbium	164-2	13	33	23	23	42.86	cps
Gadolinium	160-1	58	58	100	72	33.30	cps
Gadolinium	160-2	230	200	253	228	11.74	cps
Holmium	165-1	14496156	14410188	14489100	14465148	0.33	cps
Holmium	165-2	7893189	7882270	7950289	7908583	0.46	cps
Indium	115-1	11488146	11593880	11579852	11553959	0.50	cps
Indium	115-2	2529540	2512236	2534146	2525307	0.46	cps
Iron	56-2	8658	8075	8653	8462	3.96	cps
Iron	57-2	317	328	356	333	6.01	cps
Lead	206-1	895	867	906	889	2.25	cps
Lead	207-1	717	656	711	694	4.87	cps
Lead	208-1	3272	3089	3639	3334	8.40	cps
Lithium	6-1	2933202	2950785	2966348	2950112	0.56	cps
Magnesium	24-2	558	458	475	497	10.78	cps
Manganese	55-2	163	240	170	191	22.22	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	PB111557BL	Instrumnet Name :	P7
Client Sample ID :	PB111557BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:15:41	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	700	708	792	733	6.91	cps
Molybdenum	95-1	575	567	675	606	9.96	cps
Molybdenum	96-1	650	650	650	650	0.00	cps
Molybdenum	97-1	292	317	442	350	22.96	cps
Molybdenum	98-1	833	842	892	856	3.69	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	90	97	97	94	4.08	cps
Phosphorus	31-2	108	167	183	153	25.78	cps
Potassium	39-2	33622	36120	35076	34939	3.59	cps
Rhodium	103-1	10419491	10410003	10415269	10414921	0.05	cps
Rhodium	103-2	5270211	5228078	5249685	5249325	0.40	cps
Scandium	45-1	6988394	6989868	6952036	6976766	0.31	cps
Scandium	45-2	341090	335854	339454	338800	0.79	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	98	83	119	100	17.67	cps
Selenium	82-1	58	11	3	24	121.17	cps
Silicon	28-1	255817	256648	258138	256868	0.46	cps
Silver	109-1	208	125	150	161	26.54	cps
Silver	107-1	167	200	208	192	11.50	cps
Sodium	23-2	18896	17995	18512	18467	2.45	cps
Strontium	86-1	725	758	708	731	3.48	cps
Strontium	88-1	217	258	250	242	9.12	cps
Sulfur	34-1	407712	407732	405643	407029	0.29	cps
Terbium	159-1	14803886	14880507	14867266	14850553	0.28	cps
Terbium	159-2	7766800	7768215	7775794	7770270	0.06	cps
Thallium	203-1	250	250	233	244	3.94	cps
Thallium	205-1	642	567	592	600	6.36	cps
Tin	118-1	4468	4935	4268	4557	7.51	cps
Titanium	47-1	117	150	125	131	13.29	cps
Uranium	238-1	192	125	100	139	34.12	cps
Vanadium	51-2	13	10	17	13	25.01	cps
Yttrium	89-1	11617996	11652949	11646784	11639243	0.16	cps
Yttrium	89-2	1857866	1847242	1871675	1858927	0.66	cps
Zinc	66-2	1060	970	1203	1078	10.92	cps
Zirconium	90-1	1292	1200	1158	1217	5.61	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	PB111557BL	Instrumnet Name :	P7
Client Sample ID :	PB111557BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:15:41	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	217	308	236	27.42	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	PB111557BS	Instrumnet Name :	P7
Client Sample ID :	PB111557BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:19:14	DataFile Name :	036LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1120007	1107879	1112045	1113310	0.55	cps
Antimony	121-1	5307252	5289905	5250961	5282706	0.55	cps
Arsenic	75-2	190317	189985	189921	190074	0.11	cps
Barium	135-1	6792036	6804126	6766207	6787456	0.29	cps
Barium	137-1	11762437	11717876	11808062	11762792	0.38	cps
Beryllium	9-1	1084058	1086240	1098392	1089564	0.71	cps
Bismuth	209-1	9418638	9359770	9471165	9416524	0.59	cps
Bismuth	209-2	5709087	5668770	5684669	5687509	0.36	cps
Boron	10-1	139177	142769	144873	142273	2.02	cps
Boron	11-1	660849	658240	683757	667615	2.10	cps
Cadmium	111-1	1353934	1356580	1367741	1359418	0.54	cps
Cadmium	106-1	164260	163467	161207	162978	0.97	cps
Cadmium	108-1	106878	107076	107332	107095	0.21	cps
Calcium	43-1	1581383	1585085	1585705	1584058	0.15	cps
Calcium	44-1	25778703	25640128	25705386	25708072	0.27	cps
Chromium	52-2	1659865	1653995	1638211	1650690	0.68	cps
Cobalt	59-2	2668087	2657842	2658029	2661319	0.22	cps
Copper	63-2	3710976	3687415	3675486	3691292	0.49	cps
Dysprosium	156-1	100	133	150	128	19.93	cps
Dysprosium	156-2	137	113	110	120	12.11	cps
Erbium	164-1	133	67	67	89	43.30	cps
Erbium	164-2	37	33	47	39	17.85	cps
Gadolinium	160-1	58	92	133	94	39.79	cps
Gadolinium	160-2	200	260	230	230	13.04	cps
Holmium	165-1	14526694	14623197	14779151	14643014	0.87	cps
Holmium	165-2	8057276	8006666	7995320	8019754	0.41	cps
Indium	115-1	11256064	11238531	11312832	11269143	0.34	cps
Indium	115-2	2463733	2467356	2438688	2456592	0.64	cps
Iron	56-2	71310646	70878607	70360563	70849939	0.67	cps
Iron	57-2	1770080	1744179	1753983	1756081	0.74	cps
Lead	206-1	4436196	4429855	4440149	4435400	0.12	cps
Lead	207-1	3999171	3984643	4020967	4001593	0.46	cps
Lead	208-1	18030295	17992547	18138196	18053679	0.42	cps
Lithium	6-1	2940127	2899961	2920580	2920223	0.69	cps
Magnesium	24-2	13109585	13082246	13005817	13065883	0.41	cps
Manganese	55-2	2040720	2025717	2013794	2026744	0.67	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	PB111557BS	Instrumnet Name :	P7
Client Sample ID :	PB111557BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:19:14	DataFile Name :	036LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10739799	10660708	10786697	10729068	0.59	cps
Molybdenum	95-1	13072300	13043336	13176351	13097329	0.53	cps
Molybdenum	96-1	14484661	14479282	14515319	14493087	0.13	cps
Molybdenum	97-1	8194961	8137942	8211012	8181305	0.47	cps
Molybdenum	98-1	21055268	20999399	21128865	21061177	0.31	cps
Neodymium	150-1	760	620	607	662	12.83	cps
Neodymium	150-2	47	63	43	51	20.96	cps
Nickel	60-2	701218	701909	705529	702885	0.33	cps
Phosphorus	31-2	62884	63336	62574	62931	0.61	cps
Potassium	39-2	6531820	6464157	6455063	6483680	0.65	cps
Rhodium	103-1	10132260	10034836	10085476	10084191	0.48	cps
Rhodium	103-2	5060116	5004439	5015445	5026666	0.59	cps
Scandium	45-1	6963582	6953265	6945051	6953966	0.13	cps
Scandium	45-2	344733	340208	337798	340913	1.03	cps
Selenium	77-2	4884	4704	4964	4851	2.75	cps
Selenium	78-2	16652	16925	17264	16947	1.81	cps
Selenium	82-1	98117	97200	98208	97842	0.57	cps
Silicon	28-1	3668742	3655500	3714728	3679657	0.84	cps
Silver	109-1	6355287	6307065	6321879	6328077	0.39	cps
Silver	107-1	6650341	6577261	6628310	6618638	0.57	cps
Sodium	23-2	24259930	24019857	24038815	24106201	0.55	cps
Strontium	86-1	1710119	1693174	1701294	1701529	0.50	cps
Strontium	88-1	15008118	14850291	14904120	14920843	0.54	cps
Sulfur	34-1	924994	908950	911174	915039	0.95	cps
Terbium	159-1	15088986	14926886	15025273	15013715	0.54	cps
Terbium	159-2	7887159	7799445	7818393	7834999	0.59	cps
Thallium	203-1	5412796	5486869	5500887	5466851	0.87	cps
Thallium	205-1	12965269	13010058	13055597	13010308	0.35	cps
Tin	118-1	4525724	4507429	4499183	4510779	0.30	cps
Titanium	47-1	3574118	3573821	3581067	3576335	0.11	cps
Uranium	238-1	19184055	19110702	19397441	19230733	0.77	cps
Vanadium	51-2	1367859	1361357	1357874	1362363	0.37	cps
Yttrium	89-1	11667807	11545776	11648414	11620665	0.56	cps
Yttrium	89-2	1865015	1854226	1853553	1857598	0.35	cps
Zinc	66-2	559565	558699	559764	559342	0.10	cps
Zirconium	90-1	9023900	8966254	8969799	8986651	0.36	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	PB111557BS	Instrumnet Name :	P7
Client Sample ID :	PB111557BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:19:14	DataFile Name :	036LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1983128	1974623	1986464	1981405	0.31	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCV49	Instrumnet Name :	P7
Client Sample ID :	CCV49	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:22:49	DataFile Name :	037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5546856	5510692	5504671	5520739	0.41	cps
Antimony	121-1	4863210	4811202	4807152	4827188	0.65	cps
Arsenic	75-2	172341	170846	173232	172140	0.70	cps
Barium	135-1	6341995	6302728	6282019	6308914	0.48	cps
Barium	137-1	10989671	11000747	10956249	10982222	0.21	cps
Beryllium	9-1	1007718	1004837	1006908	1006488	0.15	cps
Bismuth	209-1	8545113	8543357	8530512	8539661	0.09	cps
Bismuth	209-2	5223954	5166005	5190628	5193529	0.56	cps
Boron	10-1	135870	138135	139117	137707	1.21	cps
Boron	11-1	634532	638897	640635	638021	0.49	cps
Cadmium	111-1	1209509	1204911	1191725	1202048	0.77	cps
Cadmium	106-1	145406	145666	144782	145285	0.31	cps
Cadmium	108-1	96073	94722	96135	95643	0.83	cps
Calcium	43-1	7297411	7329345	7248933	7291896	0.56	cps
Calcium	44-1	118826053	119256211	118168732	118750332	0.46	cps
Chromium	52-2	1590948	1561390	1584952	1579097	0.99	cps
Cobalt	59-2	2458793	2425186	2452154	2445377	0.73	cps
Copper	63-2	3465967	3433126	3451959	3450351	0.48	cps
Dysprosium	156-1	167	125	108	133	22.54	cps
Dysprosium	156-2	133	120	113	122	8.33	cps
Erbium	164-1	75	125	58	86	40.29	cps
Erbium	164-2	43	27	47	39	27.55	cps
Gadolinium	160-1	142	150	150	147	3.27	cps
Gadolinium	160-2	290	267	267	274	4.91	cps
Holmium	165-1	14238358	14131208	14205600	14191722	0.39	cps
Holmium	165-2	7773114	7697444	7710794	7727117	0.52	cps
Indium	115-1	10584987	10585972	10480657	10550539	0.57	cps
Indium	115-2	2356683	2329400	2345057	2343714	0.58	cps
Iron	56-2	329010785	326197685	328571352	327926607	0.46	cps
Iron	57-2	8150753	8046515	8151534	8116267	0.74	cps
Lead	206-1	4078149	4074103	4074623	4075625	0.05	cps
Lead	207-1	3687127	3684522	3687011	3686220	0.04	cps
Lead	208-1	16569289	16556261	16556899	16560816	0.04	cps
Lithium	6-1	2739201	2717193	2720472	2725622	0.44	cps
Magnesium	24-2	60952247	60536618	60272283	60587049	0.57	cps
Manganese	55-2	1926682	1913167	1929800	1923216	0.46	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCV49	Instrumnet Name :	P7
Client Sample ID :	CCV49	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:22:49	DataFile Name :	037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10096078	10041714	10031033	10056275	0.35	cps
Molybdenum	95-1	12338032	12318146	12273142	12309773	0.27	cps
Molybdenum	96-1	13642616	13597337	13506472	13582142	0.51	cps
Molybdenum	97-1	7681609	7680272	7632057	7664646	0.37	cps
Molybdenum	98-1	19822433	19880183	19636909	19779842	0.64	cps
Neodymium	150-1	687	600	600	629	7.96	cps
Neodymium	150-2	53	87	110	83	34.18	cps
Nickel	60-2	646278	638220	645022	643173	0.67	cps
Phosphorus	31-2	58281	58139	57520	57980	0.70	cps
Potassium	39-2	30463212	30224856	30375189	30354419	0.40	cps
Rhodium	103-1	9300251	9215524	9151774	9222516	0.81	cps
Rhodium	103-2	4667991	4597095	4620580	4628556	0.78	cps
Scandium	45-1	6681225	6664951	6651064	6665747	0.23	cps
Scandium	45-2	328262	327413	327237	327637	0.17	cps
Selenium	77-2	4451	4524	4217	4397	3.64	cps
Selenium	78-2	15065	15219	15210	15165	0.57	cps
Selenium	82-1	84866	84272	84649	84596	0.36	cps
Silicon	28-1	3498146	3511681	3501720	3503849	0.20	cps
Silver	109-1	5629181	5565489	5563232	5585968	0.67	cps
Silver	107-1	5857944	5822271	5849702	5843306	0.32	cps
Sodium	23-2	112243398	110930348	111608752	111594166	0.59	cps
Strontium	86-1	1600848	1587934	1588426	1592403	0.46	cps
Strontium	88-1	14050672	13911875	13941065	13967871	0.52	cps
Sulfur	34-1	860018	863581	854303	859301	0.54	cps
Terbium	159-1	14421029	14479446	14341895	14414123	0.48	cps
Terbium	159-2	7596429	7550884	7609390	7585568	0.41	cps
Thallium	203-1	5050133	4990256	5011782	5017390	0.60	cps
Thallium	205-1	11956504	11881743	11907632	11915293	0.32	cps
Tin	118-1	4145859	4146723	4148809	4147130	0.04	cps
Titanium	47-1	3391663	3361805	3388799	3380756	0.49	cps
Uranium	238-1	18031801	18018697	18133637	18061378	0.35	cps
Vanadium	51-2	1294028	1278749	1284148	1285641	0.60	cps
Yttrium	89-1	11167249	11138331	11160032	11155204	0.13	cps
Yttrium	89-2	1793430	1784665	1803646	1793914	0.53	cps
Zinc	66-2	551086	551865	553598	552183	0.23	cps
Zirconium	90-1	8496816	8429573	8471443	8465944	0.40	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCV49	Instrumnet Name :	P7
Client Sample ID :	CCV49	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:22:49	DataFile Name :	037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1875796	1864021	1876170	1871996	0.37	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCB49	Instrumnet Name :	P7
Client Sample ID :	CCB49	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:32:50	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	142	208	181	19.22	cps
Antimony	121-1	1834	2142	2000	1992	7.75	cps
Arsenic	75-2	20	24	17	20	18.16	cps
Barium	135-1	150	83	125	119	28.20	cps
Barium	137-1	150	175	142	156	11.15	cps
Beryllium	9-1	139	117	172	143	19.61	cps
Bismuth	209-1	9777158	9779297	9821090	9792515	0.25	cps
Bismuth	209-2	6026895	5925697	5980920	5977838	0.85	cps
Boron	10-1	2992	2534	2667	2731	8.63	cps
Boron	11-1	13265	12823	12005	12697	5.03	cps
Cadmium	111-1	1876	1860	1905	1881	1.22	cps
Cadmium	106-1	4684	4618	4734	4679	1.25	cps
Cadmium	108-1	21	17	25	21	19.99	cps
Calcium	43-1	225	233	342	267	24.41	cps
Calcium	44-1	7127	7469	7302	7299	2.34	cps
Chromium	52-2	643	550	710	634	12.67	cps
Cobalt	59-2	107	100	80	96	14.52	cps
Copper	63-2	2784	2584	2567	2645	4.56	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	67	83	42	64	32.83	cps
Erbium	164-2	23	27	33	28	18.33	cps
Gadolinium	160-1	100	58	75	78	26.96	cps
Gadolinium	160-2	247	237	207	230	9.05	cps
Holmium	165-1	14833050	14917645	14880171	14876955	0.28	cps
Holmium	165-2	8081691	8027841	8104173	8071235	0.49	cps
Indium	115-1	11796274	11789496	11803046	11796272	0.06	cps
Indium	115-2	2578710	2549753	2588236	2572233	0.78	cps
Iron	56-2	11416	11544	12406	11788	4.57	cps
Iron	57-2	444	494	422	454	8.15	cps
Lead	206-1	878	1017	1000	965	7.86	cps
Lead	207-1	817	883	817	839	4.59	cps
Lead	208-1	3595	3917	3728	3747	4.32	cps
Lithium	6-1	2967760	2964146	2975022	2968976	0.19	cps
Magnesium	24-2	892	1083	1075	1017	10.66	cps
Manganese	55-2	227	233	200	220	8.02	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCB49	Instrumnet Name :	P7
Client Sample ID :	CCB49	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:32:50	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	883	967	1008	953	6.68	cps
Molybdenum	95-1	992	900	975	956	5.11	cps
Molybdenum	96-1	1100	992	1008	1033	5.65	cps
Molybdenum	97-1	683	542	575	600	12.34	cps
Molybdenum	98-1	1492	1400	1417	1436	3.40	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	107	80	107	98	15.75	cps
Phosphorus	31-2	175	217	67	153	50.68	cps
Potassium	39-2	33873	35593	34583	34683	2.49	cps
Rhodium	103-1	10600181	10580815	10635661	10605552	0.26	cps
Rhodium	103-2	5387955	5294779	5404713	5362483	1.10	cps
Scandium	45-1	7121861	7108614	7091688	7107388	0.21	cps
Scandium	45-2	347551	345129	348539	347073	0.51	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	87	106	100	98	9.74	cps
Selenium	82-1	58	10	-1	23	138.92	cps
Silicon	28-1	255183	259048	254444	256225	0.96	cps
Silver	109-1	183	142	167	164	12.80	cps
Silver	107-1	225	233	217	225	3.70	cps
Sodium	23-2	19163	19614	19797	19525	1.67	cps
Strontium	86-1	592	608	658	619	5.60	cps
Strontium	88-1	217	267	367	283	26.96	cps
Sulfur	34-1	398650	396816	398511	397992	0.26	cps
Terbium	159-1	15113662	15223953	15137934	15158516	0.38	cps
Terbium	159-2	7943765	7908864	7957085	7936571	0.31	cps
Thallium	203-1	350	367	267	328	16.35	cps
Thallium	205-1	783	783	600	722	14.66	cps
Tin	118-1	4368	4551	4626	4515	2.94	cps
Titanium	47-1	192	183	200	192	4.35	cps
Uranium	238-1	158	242	292	231	29.22	cps
Vanadium	51-2	23	23	7	18	54.11	cps
Yttrium	89-1	11806409	11792357	11871613	11823460	0.36	cps
Yttrium	89-2	1900132	1876285	1914369	1896929	1.01	cps
Zinc	66-2	940	833	940	904	6.81	cps
Zirconium	90-1	1225	1108	1408	1247	12.13	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCB49	Instrumnet Name :	P7
Client Sample ID :	CCB49	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:32:50	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	258	217	225	233	9.45	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4244-01	Instrumnet Name :	P7
Client Sample ID :	MH0B17	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:36:23	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2700	2642	2384	2575	6.55	cps
Antimony	121-1	6327	6210	6752	6430	4.44	cps
Arsenic	75-2	1469	1493	1452	1471	1.39	cps
Barium	135-1	38496	37276	38813	38195	2.13	cps
Barium	137-1	65689	66041	66686	66139	0.76	cps
Beryllium	9-1	161	200	189	183	10.93	cps
Bismuth	209-1	9643652	9382087	9476176	9500638	1.39	cps
Bismuth	209-2	5687249	5646206	5702513	5678656	0.51	cps
Boron	10-1	14349	13698	13423	13823	3.44	cps
Boron	11-1	65091	63350	62714	63718	1.93	cps
Cadmium	111-1	45500	44869	44648	45006	0.98	cps
Cadmium	106-1	8878	8611	9037	8842	2.43	cps
Cadmium	108-1	3017	2917	3142	3025	3.73	cps
Calcium	43-1	9058731	8891758	8868657	8939715	1.16	cps
Calcium	44-1	147411170	144342270	144809316	145520919	1.14	cps
Chromium	52-2	2737	2704	2837	2759	2.52	cps
Cobalt	59-2	62281	61358	62757	62132	1.15	cps
Copper	63-2	25643	25693	26264	25866	1.33	cps
Dysprosium	156-1	1392	1417	1317	1375	3.79	cps
Dysprosium	156-2	747	713	740	733	2.41	cps
Erbium	164-1	1167	1042	1067	1092	6.06	cps
Erbium	164-2	550	597	610	586	5.38	cps
Gadolinium	160-1	1417	1300	1534	1417	8.24	cps
Gadolinium	160-2	1063	1057	1027	1049	1.86	cps
Holmium	165-1	15540657	15231064	15264143	15345288	1.11	cps
Holmium	165-2	8354582	8250336	8304671	8303196	0.63	cps
Indium	115-1	11889829	11635540	11617094	11714154	1.30	cps
Indium	115-2	2551611	2531627	2558124	2547120	0.54	cps
Iron	56-2	216274	215987	212784	215015	0.90	cps
Iron	57-2	47076	46541	46630	46749	0.61	cps
Lead	206-1	3701	3601	3401	3567	4.28	cps
Lead	207-1	3117	2839	2756	2904	6.51	cps
Lead	208-1	14654	14014	13103	13924	5.60	cps
Lithium	6-1	3087130	3032341	2999671	3039714	1.45	cps
Magnesium	24-2	18214884	18027112	17997506	18079834	0.65	cps
Manganese	55-2	23550926	23506720	23253488	23437045	0.68	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4244-01	Instrumnet Name :	P7
Client Sample ID :	MH0B17	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:36:23	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1759	1517	1642	1639	7.37	cps
Molybdenum	95-1	2300	2075	1925	2100	8.99	cps
Molybdenum	96-1	975	1017	975	989	2.43	cps
Molybdenum	97-1	533	383	425	447	17.31	cps
Molybdenum	98-1	1042	1092	992	1042	4.80	cps
Neodymium	150-1	1647	1440	1667	1585	7.92	cps
Neodymium	150-2	720	680	747	716	4.69	cps
Nickel	60-2	7662	7679	7335	7559	2.56	cps
Phosphorus	31-2	283	250	150	228	30.46	cps
Potassium	39-2	2610197	2586526	2576386	2591036	0.67	cps
Rhodium	103-1	10160597	10036043	10024022	10073554	0.75	cps
Rhodium	103-2	5031323	4973080	4993203	4999202	0.59	cps
Scandium	45-1	7286573	7102667	7087228	7158823	1.55	cps
Scandium	45-2	343051	340477	342518	342015	0.40	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	102	102	107	104	3.10	cps
Selenium	82-1	218	261	281	254	12.67	cps
Silicon	28-1	2955130	2920089	2888790	2921336	1.14	cps
Silver	109-1	2625	2842	2975	2814	6.28	cps
Silver	107-1	2750	2950	3142	2948	6.65	cps
Sodium	23-2	142253137	142124112	140654145	141677131	0.63	cps
Strontium	86-1	3488972	3435569	3416448	3446997	1.09	cps
Strontium	88-1	30683862	29961869	30019307	30221679	1.33	cps
Sulfur	34-1	23885991	23402933	23470042	23586322	1.11	cps
Terbium	159-1	15818749	15545336	15470108	15611398	1.18	cps
Terbium	159-2	8083512	8033812	8162019	8093115	0.80	cps
Thallium	203-1	4526	4659	4359	4515	3.33	cps
Thallium	205-1	10305	10196	10279	10260	0.55	cps
Tin	118-1	2842	2567	2684	2698	5.12	cps
Titanium	47-1	858	1092	883	945	13.56	cps
Uranium	238-1	13874	13399	13115	13463	2.85	cps
Vanadium	51-2	453	477	467	466	2.51	cps
Yttrium	89-1	12192475	12078154	11901908	12057512	1.21	cps
Yttrium	89-2	1916693	1899875	1919594	1912054	0.56	cps
Zinc	66-2	623782	621229	615629	620213	0.67	cps
Zirconium	90-1	3417	3517	3109	3348	6.36	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4244-01	Instrumnet Name :	P7
Client Sample ID :	MH0B17	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:36:23	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	867	867	608	781	19.11	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4244-07	Instrumnet Name :	P7
Client Sample ID :	MH0B24	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:40:01	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2509	2567	2617	2564	2.11	cps
Antimony	121-1	5326	5810	5860	5665	5.20	cps
Arsenic	75-2	1463	1476	1446	1462	1.02	cps
Barium	135-1	35839	35713	35246	35599	0.88	cps
Barium	137-1	62608	63177	62976	62921	0.46	cps
Beryllium	9-1	183	172	172	176	3.65	cps
Bismuth	209-1	8927197	8925859	8875118	8909392	0.33	cps
Bismuth	209-2	5404379	5451212	5467927	5441173	0.61	cps
Boron	10-1	13365	13473	14332	13723	3.86	cps
Boron	11-1	63710	65844	64003	64519	1.79	cps
Cadmium	111-1	55520	55168	54613	55100	0.83	cps
Cadmium	106-1	9470	10104	9704	9759	3.28	cps
Cadmium	108-1	3638	3763	3771	3724	2.01	cps
Calcium	43-1	9476514	9420422	9518482	9471806	0.52	cps
Calcium	44-1	154082908	153957333	154186112	154075451	0.07	cps
Chromium	52-2	1063	1117	1133	1105	3.31	cps
Cobalt	59-2	61405	61907	62345	61885	0.76	cps
Copper	63-2	26932	27616	27105	27218	1.31	cps
Dysprosium	156-1	1225	1008	1100	1111	9.79	cps
Dysprosium	156-2	580	593	620	598	3.41	cps
Erbium	164-1	1067	1125	875	1022	12.80	cps
Erbium	164-2	603	503	490	532	11.64	cps
Gadolinium	160-1	1342	1125	1242	1236	8.77	cps
Gadolinium	160-2	873	873	883	877	0.66	cps
Holmium	165-1	14561685	14455745	14323679	14447037	0.83	cps
Holmium	165-2	7900331	7941434	7969000	7936921	0.44	cps
Indium	115-1	11008440	10969741	10897680	10958620	0.51	cps
Indium	115-2	2415793	2432259	2438872	2428974	0.49	cps
Iron	56-2	254135	254399	254733	254422	0.12	cps
Iron	57-2	49316	50559	50933	50270	1.68	cps
Lead	206-1	2761	2989	2723	2824	5.10	cps
Lead	207-1	2361	2228	2306	2298	2.91	cps
Lead	208-1	11008	11024	10496	10843	2.77	cps
Lithium	6-1	2888184	2942475	2916662	2915773	0.93	cps
Magnesium	24-2	20863219	20962033	21282787	21036013	1.04	cps
Manganese	55-2	49709209	49817568	50226913	49917896	0.55	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4244-07	Instrumnet Name :	P7
Client Sample ID :	MH0B24	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:40:01	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1300	1300	1450	1350	6.42	cps
Molybdenum	95-1	3417	3476	3267	3387	3.17	cps
Molybdenum	96-1	1008	1025	858	964	9.52	cps
Molybdenum	97-1	383	408	400	397	3.20	cps
Molybdenum	98-1	1008	1133	917	1020	10.67	cps
Neodymium	150-1	1240	1133	1213	1196	4.64	cps
Neodymium	150-2	643	613	590	616	4.34	cps
Nickel	60-2	7956	8042	7672	7890	2.45	cps
Phosphorus	31-2	200	167	267	211	24.12	cps
Potassium	39-2	2731158	2747293	2750677	2743043	0.38	cps
Rhodium	103-1	9412252	9398805	9302709	9371255	0.64	cps
Rhodium	103-2	4721035	4733845	4750166	4735015	0.31	cps
Scandium	45-1	6690779	6724042	6676367	6697063	0.37	cps
Scandium	45-2	320622	323121	321896	321880	0.39	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	94	96	128	106	17.64	cps
Selenium	82-1	221	248	227	232	6.21	cps
Silicon	28-1	2583146	2565885	2558493	2569174	0.49	cps
Silver	109-1	2184	2625	2475	2428	9.25	cps
Silver	107-1	2492	2650	2550	2564	3.12	cps
Sodium	23-2	141889270	141923457	142993562	142268763	0.44	cps
Strontium	86-1	3645848	3667631	3626165	3646548	0.57	cps
Strontium	88-1	31966879	32200241	31973304	32046808	0.41	cps
Sulfur	34-1	25372025	25215634	25193811	25260490	0.38	cps
Terbium	159-1	14603826	14599438	14526011	14576425	0.30	cps
Terbium	159-2	7754526	7765144	7796407	7772026	0.28	cps
Thallium	203-1	4067	3751	4143	3987	5.22	cps
Thallium	205-1	9170	9354	9162	9229	1.18	cps
Tin	118-1	2509	2575	2492	2525	1.75	cps
Titanium	47-1	933	817	892	881	6.71	cps
Uranium	238-1	11005	10455	10638	10699	2.62	cps
Vanadium	51-2	513	493	527	511	3.28	cps
Yttrium	89-1	11209152	11255752	11166715	11210540	0.40	cps
Yttrium	89-2	1804495	1815038	1801402	1806978	0.40	cps
Zinc	66-2	469363	473256	474548	472389	0.57	cps
Zirconium	90-1	2500	2800	2859	2720	7.07	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4244-07	Instrumnet Name :	P7
Client Sample ID :	MH0B24	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:40:01	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	542	608	567	572	5.89	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4244-01DLX10	Instrumnet Name :	P7
Client Sample ID :	MH0B17DL	Dilution Factor :	10
Date & Time Acquired ::	2018-08-03 15:43:39	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	283	433	350	356	21.14	cps
Antimony	121-1	950	1042	892	961	7.87	cps
Arsenic	75-2	156	133	146	145	7.69	cps
Barium	135-1	3301	3784	3601	3562	6.85	cps
Barium	137-1	6385	6085	6210	6227	2.42	cps
Beryllium	9-1	61	94	150	102	44.09	cps
Bismuth	209-1	9003335	9075553	9131059	9069983	0.71	cps
Bismuth	209-2	5620158	5658938	5711103	5663399	0.81	cps
Boron	10-1	3275	2959	3100	3112	5.10	cps
Boron	11-1	14958	15150	13748	14619	5.20	cps
Cadmium	111-1	6059	6130	6325	6171	2.23	cps
Cadmium	106-1	5285	5193	5235	5237	0.88	cps
Cadmium	108-1	275	367	296	313	15.38	cps
Calcium	43-1	796063	807996	821689	808583	1.59	cps
Calcium	44-1	13039918	13172179	13363248	13191782	1.23	cps
Chromium	52-2	763	797	837	799	4.60	cps
Cobalt	59-2	5895	6125	6001	6007	1.92	cps
Copper	63-2	6585	6311	6585	6494	2.43	cps
Dysprosium	156-1	100	150	150	133	21.65	cps
Dysprosium	156-2	93	67	63	74	22.09	cps
Erbium	164-1	150	183	175	169	10.24	cps
Erbium	164-2	73	70	70	71	2.70	cps
Gadolinium	160-1	233	258	225	239	7.26	cps
Gadolinium	160-2	227	273	307	269	14.95	cps
Holmium	165-1	13651579	13893671	13974336	13839862	1.21	cps
Holmium	165-2	7792313	7767770	7837560	7799214	0.45	cps
Indium	115-1	10715756	10794804	10893197	10801252	0.82	cps
Indium	115-2	2429748	2455944	2475767	2453820	0.94	cps
Iron	56-2	27476	27777	27565	27606	0.56	cps
Iron	57-2	4679	4834	4790	4768	1.68	cps
Lead	206-1	850	900	889	880	2.99	cps
Lead	207-1	722	750	756	743	2.41	cps
Lead	208-1	3289	3406	3322	3339	1.80	cps
Lithium	6-1	2835062	2880488	2867171	2860907	0.82	cps
Magnesium	24-2	1693994	1703178	1712785	1703319	0.55	cps
Manganese	55-2	2215344	2216739	2234230	2222104	0.47	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4244-01DLX10	Instrumnet Name :	P7
Client Sample ID :	MH0B17DL	Dilution Factor :	10
Date & Time Acquired ::	2018-08-03 15:43:39	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	592	492	500	528	10.51	cps
Molybdenum	95-1	375	517	467	453	15.87	cps
Molybdenum	96-1	417	400	350	389	8.92	cps
Molybdenum	97-1	192	142	208	181	19.22	cps
Molybdenum	98-1	317	425	442	394	17.21	cps
Neodymium	150-1	247	127	173	182	33.20	cps
Neodymium	150-2	83	73	97	84	13.87	cps
Nickel	60-2	880	930	930	913	3.16	cps
Phosphorus	31-2	150	167	175	164	7.77	cps
Potassium	39-2	268345	270538	271815	270233	0.65	cps
Rhodium	103-1	9535780	9696125	9779752	9670552	1.28	cps
Rhodium	103-2	4976572	4976767	5005841	4986394	0.34	cps
Scandium	45-1	6464226	6521043	6615070	6533446	1.17	cps
Scandium	45-2	317815	320865	323747	320809	0.92	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	83	89	87	86	3.28	cps
Selenium	82-1	1	57	92	50	92.09	cps
Silicon	28-1	492867	490572	494747	492729	0.42	cps
Silver	109-1	917	717	667	767	17.26	cps
Silver	107-1	808	950	817	858	9.26	cps
Sodium	23-2	13356157	13410048	13402325	13389510	0.22	cps
Strontium	86-1	308648	313395	310681	310908	0.77	cps
Strontium	88-1	2654706	2709778	2721543	2695342	1.32	cps
Sulfur	34-1	2495151	2517138	2519043	2510444	0.53	cps
Terbium	159-1	13947922	14165274	14173800	14095665	0.91	cps
Terbium	159-2	7614518	7664602	7685331	7654817	0.48	cps
Thallium	203-1	342	342	408	364	10.58	cps
Thallium	205-1	1133	1008	908	1017	11.09	cps
Tin	118-1	3692	3626	3434	3584	3.74	cps
Titanium	47-1	250	200	208	219	12.21	cps
Uranium	238-1	1267	1217	1417	1300	8.01	cps
Vanadium	51-2	67	80	57	68	17.27	cps
Yttrium	89-1	10790167	10948772	11009699	10916213	1.04	cps
Yttrium	89-2	1788019	1800204	1823197	1803807	0.99	cps
Zinc	66-2	64683	64077	64461	64407	0.48	cps
Zirconium	90-1	933	1258	1342	1178	18.32	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4244-01DLX10	Instrumnet Name :	P7
Client Sample ID :	MH0B17DL	Dilution Factor :	10
Date & Time Acquired ::	2018-08-03 15:43:39	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	233	242	167	214	19.22	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4244-07DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0B24DL	Dilution Factor :	20
Date & Time Acquired ::	2018-08-03 15:47:13	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217	217	233	222	4.33	cps
Antimony	121-1	767	683	667	706	7.59	cps
Arsenic	75-2	100	65	98	88	22.59	cps
Barium	135-1	2300	1825	1850	1992	13.42	cps
Barium	137-1	3217	3376	3234	3276	2.66	cps
Beryllium	9-1	144	83	106	111	27.84	cps
Bismuth	209-1	9119065	9212662	9474082	9268603	1.99	cps
Bismuth	209-2	5758162	5820585	5726108	5768285	0.83	cps
Boron	10-1	1959	2234	2250	2147	7.63	cps
Boron	11-1	10412	10696	10279	10462	2.04	cps
Cadmium	111-1	4934	4689	4656	4760	3.19	cps
Cadmium	106-1	5034	5101	5068	5068	0.66	cps
Cadmium	108-1	192	258	233	228	14.79	cps
Calcium	43-1	473160	471942	467772	470958	0.60	cps
Calcium	44-1	7652609	7626989	7662190	7647263	0.24	cps
Chromium	52-2	640	613	600	618	3.30	cps
Cobalt	59-2	3350	3227	3414	3330	2.85	cps
Copper	63-2	4911	5091	5041	5014	1.85	cps
Dysprosium	156-1	67	92	33	64	45.81	cps
Dysprosium	156-2	43	50	30	41	24.77	cps
Erbium	164-1	83	42	183	103	70.84	cps
Erbium	164-2	47	17	33	32	46.65	cps
Gadolinium	160-1	108	58	175	114	51.39	cps
Gadolinium	160-2	230	290	243	254	12.38	cps
Holmium	165-1	13827319	13956163	14395699	14059727	2.12	cps
Holmium	165-2	7877255	7933743	7823492	7878163	0.70	cps
Indium	115-1	10853761	10988117	11337821	11059900	2.26	cps
Indium	115-2	2487122	2505146	2479318	2490529	0.53	cps
Iron	56-2	20109	20826	20003	20313	2.20	cps
Iron	57-2	2723	2973	2606	2767	6.77	cps
Lead	206-1	839	889	1067	932	12.85	cps
Lead	207-1	656	722	828	735	11.81	cps
Lead	208-1	3189	3367	3989	3515	11.95	cps
Lithium	6-1	2872585	2877482	2951258	2900441	1.52	cps
Magnesium	24-2	1082075	1079642	1087327	1083015	0.36	cps
Manganese	55-2	2550616	2532613	2534510	2539246	0.39	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4244-07DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0B24DL	Dilution Factor :	20
Date & Time Acquired ::	2018-08-03 15:47:13	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	483	508	558	517	7.39	cps
Molybdenum	95-1	258	467	408	378	28.45	cps
Molybdenum	96-1	400	342	350	364	8.67	cps
Molybdenum	97-1	125	100	175	133	28.64	cps
Molybdenum	98-1	292	342	342	325	8.88	cps
Neodymium	150-1	80	73	60	71	14.32	cps
Neodymium	150-2	23	40	27	30	29.40	cps
Nickel	60-2	500	517	480	499	3.68	cps
Phosphorus	31-2	183	133	217	178	23.59	cps
Potassium	39-2	168547	168875	169313	168912	0.23	cps
Rhodium	103-1	9730442	9845379	10137448	9904423	2.12	cps
Rhodium	103-2	5041701	5092066	5029943	5054570	0.65	cps
Scandium	45-1	6568329	6656363	6818723	6681138	1.90	cps
Scandium	45-2	326763	327280	322602	325549	0.79	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	83	102	96	94	10.13	cps
Selenium	82-1	-1	23	65	29	114.79	cps
Silicon	28-1	358181	357364	360100	358548	0.39	cps
Silver	109-1	567	500	400	489	17.16	cps
Silver	107-1	525	550	500	525	4.76	cps
Sodium	23-2	7316334	7271893	7240213	7276147	0.53	cps
Strontium	86-1	180960	183087	182284	182110	0.59	cps
Strontium	88-1	1571980	1576429	1571207	1573205	0.18	cps
Sulfur	34-1	1976949	1947593	1949500	1958014	0.84	cps
Terbium	159-1	14100134	14274083	14634332	14336183	1.90	cps
Terbium	159-2	7738902	7779640	7712968	7743836	0.43	cps
Thallium	203-1	308	333	358	333	7.50	cps
Thallium	205-1	583	775	733	697	14.46	cps
Tin	118-1	3334	3492	3426	3417	2.33	cps
Titanium	47-1	250	192	142	194	27.88	cps
Uranium	238-1	425	758	650	611	27.83	cps
Vanadium	51-2	33	40	13	29	48.05	cps
Yttrium	89-1	10964165	11019944	11356437	11113516	1.91	cps
Yttrium	89-2	1819859	1832502	1816834	1823065	0.46	cps
Zinc	66-2	27757	28167	28104	28009	0.79	cps
Zirconium	90-1	1167	1108	1133	1136	2.58	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4244-07DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0B24DL	Dilution Factor :	20
Date & Time Acquired ::	2018-08-03 15:47:13	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	208	175	183	189	9.19	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P7
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:56:19	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5368158	5354933	5381186	5368092	0.24	cps
Antimony	121-1	4641946	4635178	4631613	4636246	0.11	cps
Arsenic	75-2	167571	168139	167126	167612	0.30	cps
Barium	135-1	6081109	6097558	6058841	6079169	0.32	cps
Barium	137-1	10567206	10650830	10536042	10584693	0.56	cps
Beryllium	9-1	975586	980947	970413	975649	0.54	cps
Bismuth	209-1	8427363	8249051	8307306	8327907	1.09	cps
Bismuth	209-2	5158115	5111131	5141937	5137061	0.46	cps
Boron	10-1	127500	131583	128483	129189	1.65	cps
Boron	11-1	589894	604801	604418	599704	1.42	cps
Cadmium	111-1	1157527	1153313	1149434	1153425	0.35	cps
Cadmium	106-1	138664	137755	138438	138286	0.34	cps
Cadmium	108-1	90830	92831	91632	91764	1.10	cps
Calcium	43-1	7022090	7025783	7018193	7022022	0.05	cps
Calcium	44-1	114738394	113911348	114186194	114278646	0.37	cps
Chromium	52-2	1531377	1538597	1532701	1534225	0.25	cps
Cobalt	59-2	2386547	2387486	2381803	2385279	0.13	cps
Copper	63-2	3408745	3404654	3416908	3410103	0.18	cps
Dysprosium	156-1	133	133	158	142	10.19	cps
Dysprosium	156-2	113	180	110	134	29.37	cps
Erbium	164-1	58	75	83	72	17.62	cps
Erbium	164-2	23	30	40	31	26.97	cps
Gadolinium	160-1	167	108	117	131	24.16	cps
Gadolinium	160-2	280	297	247	274	9.28	cps
Holmium	165-1	13865823	13564608	13670132	13700187	1.12	cps
Holmium	165-2	7672267	7654162	7619528	7648652	0.35	cps
Indium	115-1	10361044	10097916	10104140	10187700	1.47	cps
Indium	115-2	2300224	2315521	2311353	2309033	0.34	cps
Iron	56-2	321609352	319028496	320697407	320445085	0.41	cps
Iron	57-2	7942104	7928279	7935286	7935223	0.09	cps
Lead	206-1	3945484	3970203	3936718	3950802	0.44	cps
Lead	207-1	3566703	3599051	3561097	3575617	0.57	cps
Lead	208-1	16024851	16179076	16001822	16068583	0.60	cps
Lithium	6-1	2706328	2670652	2688959	2688646	0.66	cps
Magnesium	24-2	58678793	58387978	58868458	58645076	0.41	cps
Manganese	55-2	1881207	1877861	1879246	1879438	0.09	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P7
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:56:19	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9684388	9726457	9668705	9693183	0.31	cps
Molybdenum	95-1	11870498	11871496	11785317	11842437	0.42	cps
Molybdenum	96-1	13101975	13143605	13005656	13083745	0.54	cps
Molybdenum	97-1	7377066	7396788	7348707	7374187	0.33	cps
Molybdenum	98-1	18952450	19127001	18966615	19015355	0.51	cps
Neodymium	150-1	647	653	613	638	3.36	cps
Neodymium	150-2	80	83	87	83	4.00	cps
Nickel	60-2	627706	626299	627674	627226	0.13	cps
Phosphorus	31-2	56307	56014	55454	55925	0.77	cps
Potassium	39-2	29408554	29325742	29603642	29445979	0.48	cps
Rhodium	103-1	8971248	8797330	8849786	8872788	1.01	cps
Rhodium	103-2	4600445	4557221	4519088	4558918	0.89	cps
Scandium	45-1	6529489	6434881	6455332	6473234	0.77	cps
Scandium	45-2	322396	319051	320090	320512	0.53	cps
Selenium	77-2	4397	4157	4327	4294	2.88	cps
Selenium	78-2	14554	14468	14758	14593	1.02	cps
Selenium	82-1	80810	81901	80291	81001	1.01	cps
Silicon	28-1	3347875	3395097	3366906	3369960	0.71	cps
Silver	109-1	5425874	5409826	5368917	5401539	0.54	cps
Silver	107-1	5626010	5629736	5629866	5628537	0.04	cps
Sodium	23-2	107937152	108468136	107640598	108015295	0.39	cps
Strontium	86-1	1532333	1526488	1511390	1523404	0.71	cps
Strontium	88-1	13507135	13393451	13298543	13399710	0.78	cps
Sulfur	34-1	832148	837258	826803	832069	0.63	cps
Terbium	159-1	14139058	13848115	13843344	13943506	1.21	cps
Terbium	159-2	7503642	7464513	7451639	7473265	0.36	cps
Thallium	203-1	4871930	4898472	4847006	4872469	0.53	cps
Thallium	205-1	11572667	11563736	11519504	11551969	0.25	cps
Tin	118-1	4005439	4035775	3981987	4007734	0.67	cps
Titanium	47-1	3267992	3281073	3262857	3270641	0.29	cps
Uranium	238-1	17638475	17648424	17516797	17601232	0.42	cps
Vanadium	51-2	1250425	1249851	1245148	1248474	0.23	cps
Yttrium	89-1	10872028	10619859	10660179	10717355	1.26	cps
Yttrium	89-2	1761744	1760787	1759513	1760681	0.06	cps
Zinc	66-2	549719	549365	547732	548938	0.19	cps
Zirconium	90-1	8114444	8161447	8127384	8134425	0.30	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P7
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 15:56:19	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1797803	1790611	1790045	1792820	0.24	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P7
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 16:07:16	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	50	83	78	32.73	cps
Antimony	121-1	1117	1225	1100	1147	5.92	cps
Arsenic	75-2	17	24	17	19	22.33	cps
Barium	135-1	50	83	50	61	31.50	cps
Barium	137-1	83	125	75	94	28.37	cps
Beryllium	9-1	172	300	200	224	29.99	cps
Bismuth	209-1	9572390	9525535	9552911	9550279	0.25	cps
Bismuth	209-2	5867791	5891904	5869475	5876390	0.23	cps
Boron	10-1	2225	2150	2275	2217	2.84	cps
Boron	11-1	10229	10404	9562	10065	4.42	cps
Cadmium	111-1	1898	1970	1986	1951	2.39	cps
Cadmium	106-1	4734	4926	4984	4882	2.68	cps
Cadmium	108-1	29	25	29	28	8.67	cps
Calcium	43-1	350	108	167	208	60.53	cps
Calcium	44-1	6919	6018	5826	6255	9.33	cps
Chromium	52-2	627	590	560	592	5.64	cps
Cobalt	59-2	67	77	63	69	10.08	cps
Copper	63-2	2824	2660	2814	2766	3.31	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	13	3	3	7	86.65	cps
Erbium	164-1	83	58	67	69	18.33	cps
Erbium	164-2	37	30	23	30	22.23	cps
Gadolinium	160-1	100	108	92	100	8.33	cps
Gadolinium	160-2	193	223	207	208	7.23	cps
Holmium	165-1	14391181	14329933	14279358	14333491	0.39	cps
Holmium	165-2	7975065	7922774	7921424	7939755	0.39	cps
Indium	115-1	11450271	11377322	11423130	11416908	0.32	cps
Indium	115-2	2538007	2548037	2530692	2538912	0.34	cps
Iron	56-2	7096	7585	7786	7489	4.73	cps
Iron	57-2	383	344	389	372	6.51	cps
Lead	206-1	589	644	533	589	9.43	cps
Lead	207-1	556	650	578	594	8.31	cps
Lead	208-1	2622	2639	2450	2571	4.07	cps
Lithium	6-1	2939322	2948641	2933883	2940615	0.25	cps
Magnesium	24-2	467	508	442	472	7.13	cps
Manganese	55-2	177	130	167	158	15.57	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P7
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 16:07:16	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	917	858	833	870	4.92	cps
Molybdenum	95-1	650	558	517	575	11.86	cps
Molybdenum	96-1	675	642	750	689	8.05	cps
Molybdenum	97-1	450	358	308	372	19.30	cps
Molybdenum	98-1	900	892	833	875	4.15	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	70	80	83	78	8.92	cps
Phosphorus	31-2	125	108	125	119	8.06	cps
Potassium	39-2	34984	33172	34549	34235	2.76	cps
Rhodium	103-1	10269652	10283730	10314388	10289257	0.22	cps
Rhodium	103-2	5260211	5270104	5215788	5248701	0.55	cps
Scandium	45-1	6915781	6874170	6924769	6904906	0.39	cps
Scandium	45-2	337833	336324	336595	336918	0.24	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	80	109	83	91	17.79	cps
Selenium	82-1	-12	47	40	25	129.52	cps
Silicon	28-1	244963	241587	243983	243511	0.71	cps
Silver	109-1	233	283	300	272	12.75	cps
Silver	107-1	383	258	308	317	19.87	cps
Sodium	23-2	21040	19672	20431	20381	3.36	cps
Strontium	86-1	825	700	608	711	15.29	cps
Strontium	88-1	208	192	200	200	4.16	cps
Sulfur	34-1	394457	392450	395401	394103	0.38	cps
Terbium	159-1	14795521	14682391	14644995	14707636	0.53	cps
Terbium	159-2	7826189	7835074	7760061	7807108	0.52	cps
Thallium	203-1	258	225	283	256	11.45	cps
Thallium	205-1	625	683	658	656	4.46	cps
Tin	118-1	3042	3017	3000	3020	0.69	cps
Titanium	47-1	117	108	67	97	27.55	cps
Uranium	238-1	125	67	75	89	35.50	cps
Vanadium	51-2	13	10	7	10	33.30	cps
Yttrium	89-1	11509089	11423009	11490672	11474257	0.40	cps
Yttrium	89-2	1874420	1874525	1861363	1870103	0.40	cps
Zinc	66-2	363	340	297	333	10.15	cps
Zirconium	90-1	1217	1292	1308	1272	3.84	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P7
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 16:07:16	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	308	300	275	294	5.89	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4085-04RE	Instrumnet Name :	P7
Client Sample ID :	1511ARE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 16:10:49	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	190589	189114	189629	189777	0.39	cps
Antimony	121-1	4185895	4172978	4174103	4177659	0.17	cps
Arsenic	75-2	52044	51424	51223	51564	0.83	cps
Barium	135-1	4319702	4285089	4308049	4304280	0.41	cps
Barium	137-1	7486958	7458517	7486784	7477420	0.22	cps
Beryllium	9-1	589067	581245	583073	584462	0.70	cps
Bismuth	209-1	9700253	9640288	9645889	9662143	0.34	cps
Bismuth	209-2	5965743	5906529	5901951	5924741	0.60	cps
Boron	10-1	246918	253501	259591	253337	2.50	cps
Boron	11-1	1133501	1170655	1191187	1165114	2.51	cps
Cadmium	111-1	645439	639452	638678	641190	0.58	cps
Cadmium	106-1	63669	63970	65075	64238	1.15	cps
Cadmium	108-1	44181	44060	43437	43893	0.91	cps
Calcium	43-1	3292	3467	3509	3423	3.36	cps
Calcium	44-1	42863	44326	43816	43668	1.70	cps
Chromium	52-2	443998	443513	438662	442058	0.67	cps
Cobalt	59-2	2932209	2925204	2930474	2929296	0.12	cps
Copper	63-2	2431824	2444385	2443407	2439872	0.29	cps
Dysprosium	156-1	33	83	42	53	50.76	cps
Dysprosium	156-2	70	50	73	64	19.58	cps
Erbium	164-1	50	17	17	28	69.27	cps
Erbium	164-2	27	27	13	22	34.66	cps
Gadolinium	160-1	92	92	83	89	5.41	cps
Gadolinium	160-2	190	217	240	216	11.61	cps
Holmium	165-1	14596286	14625751	14548763	14590267	0.27	cps
Holmium	165-2	8094687	7989777	8048766	8044410	0.65	cps
Indium	115-1	11594115	11535526	11557536	11562392	0.26	cps
Indium	115-2	2581529	2558370	2572158	2570686	0.45	cps
Iron	56-2	5903524	5845827	5831072	5860141	0.65	cps
Iron	57-2	145105	145357	144420	144960	0.33	cps
Lead	206-1	12224810	12307933	12240196	12257646	0.36	cps
Lead	207-1	10144334	10234826	10183194	10187451	0.45	cps
Lead	208-1	47643109	47925957	47819781	47796282	0.30	cps
Lithium	6-1	3014229	2997998	3008251	3006826	0.27	cps
Magnesium	24-2	767	925	808	833	9.85	cps
Manganese	55-2	2576780	2559759	2539351	2558630	0.73	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4085-04RE	Instrumnet Name :	P7
Client Sample ID :	1511ARE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 16:10:49	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1442	1300	1367	1370	5.18	cps
Molybdenum	95-1	742	692	683	706	4.47	cps
Molybdenum	96-1	1150	1175	1067	1131	5.02	cps
Molybdenum	97-1	308	342	350	333	6.61	cps
Molybdenum	98-1	1208	1367	1250	1275	6.44	cps
Neodymium	150-1	380	360	413	384	7.01	cps
Neodymium	150-2	33	27	47	36	28.64	cps
Nickel	60-2	1630578	1643346	1630123	1634683	0.46	cps
Phosphorus	31-2	175	108	225	169	34.54	cps
Potassium	39-2	36187	37239	35944	36457	1.89	cps
Rhodium	103-1	10456554	10373539	10458425	10429506	0.46	cps
Rhodium	103-2	5313365	5280280	5275225	5289623	0.39	cps
Scandium	45-1	7026322	7049501	7060362	7045395	0.25	cps
Scandium	45-2	343652	341101	341853	342202	0.38	cps
Selenium	77-2	7219	7089	7239	7182	1.13	cps
Selenium	78-2	24215	24538	24432	24395	0.67	cps
Selenium	82-1	138700	138337	138716	138584	0.15	cps
Silicon	28-1	738213	757401	745332	746982	1.30	cps
Silver	109-1	10912255	10872466	10798249	10860990	0.53	cps
Silver	107-1	11388771	11281149	11313909	11327943	0.49	cps
Sodium	23-2	32444	32686	32069	32400	0.96	cps
Strontium	86-1	452267	450163	449178	450536	0.35	cps
Strontium	88-1	3939445	3923081	3919406	3927311	0.27	cps
Sulfur	34-1	385868	383027	377501	382132	1.11	cps
Terbium	159-1	14959139	14938014	14973879	14957011	0.12	cps
Terbium	159-2	7966901	7891058	7867406	7908455	0.66	cps
Thallium	203-1	7794125	7784467	7765592	7781395	0.19	cps
Thallium	205-1	18530131	18493896	18506213	18510080	0.10	cps
Tin	118-1	4393	5786	4634	4938	15.08	cps
Titanium	47-1	342	217	275	278	22.52	cps
Uranium	238-1	325	275	367	322	14.25	cps
Vanadium	51-2	1187707	1186641	1182726	1185691	0.22	cps
Yttrium	89-1	11675759	11651251	11750450	11692487	0.44	cps
Yttrium	89-2	1896070	1885438	1896975	1892828	0.34	cps
Zinc	66-2	532793	530864	529743	531133	0.29	cps
Zirconium	90-1	2542	2850	2567	2653	6.46	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4085-04RE	Instrumnet Name :	P7
Client Sample ID :	1511ARE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 16:10:49	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	808	750	767	775	3.88	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4085-03RE	Instrumnet Name :	P7
Client Sample ID :	1537RE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 16:14:22	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	633	492	442	522	19.04	cps
Antimony	121-1	3050	3292	3092	3145	4.11	cps
Arsenic	75-2	22	37	39	33	27.93	cps
Barium	135-1	7085	6785	6543	6805	3.99	cps
Barium	137-1	11589	11906	11622	11705	1.49	cps
Beryllium	9-1	194	289	261	248	19.56	cps
Bismuth	209-1	9153741	9219154	9177231	9183376	0.36	cps
Bismuth	209-2	5691403	5693210	5644550	5676388	0.49	cps
Boron	10-1	13156	12706	12522	12795	2.55	cps
Boron	11-1	60723	59342	56172	58746	3.97	cps
Cadmium	111-1	2041	2225	2263	2177	5.45	cps
Cadmium	106-1	4801	5093	5310	5068	5.04	cps
Cadmium	108-1	42	17	33	31	41.66	cps
Calcium	43-1	2344044	2334583	2353200	2343943	0.40	cps
Calcium	44-1	38268087	38070890	38381827	38240268	0.41	cps
Chromium	52-2	1173	1127	1207	1169	3.44	cps
Cobalt	59-2	400	377	403	393	3.69	cps
Copper	63-2	3304	3197	3087	3196	3.39	cps
Dysprosium	156-1	108	175	208	164	31.07	cps
Dysprosium	156-2	100	70	87	86	17.57	cps
Erbium	164-1	217	225	342	261	26.77	cps
Erbium	164-2	130	107	143	127	14.65	cps
Gadolinium	160-1	225	300	275	267	14.32	cps
Gadolinium	160-2	353	277	340	323	12.67	cps
Holmium	165-1	14357036	14438243	14493996	14429758	0.48	cps
Holmium	165-2	8007393	8015283	7948049	7990242	0.46	cps
Indium	115-1	11216997	11271475	11182499	11223657	0.40	cps
Indium	115-2	2508941	2521772	2504588	2511767	0.36	cps
Iron	56-2	20309	20064	19024	19799	3.45	cps
Iron	57-2	11716	12189	11733	11879	2.26	cps
Lead	206-1	4657	4401	4151	4403	5.74	cps
Lead	207-1	3662	3100	3512	3425	8.49	cps
Lead	208-1	17633	16093	15659	16462	6.30	cps
Lithium	6-1	2920597	2943942	2925465	2930001	0.42	cps
Magnesium	24-2	2074145	2068350	2083636	2075377	0.37	cps
Manganese	55-2	1380	1430	1333	1381	3.50	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4085-03RE	Instrumnet Name :	P7
Client Sample ID :	1537RE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 16:14:22	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1267	1342	1333	1314	3.13	cps
Molybdenum	95-1	325	433	450	403	16.85	cps
Molybdenum	96-1	658	625	442	575	20.29	cps
Molybdenum	97-1	275	233	225	244	10.96	cps
Molybdenum	98-1	558	617	642	606	7.06	cps
Neodymium	150-1	160	147	133	147	9.09	cps
Neodymium	150-2	73	63	53	63	15.80	cps
Nickel	60-2	387	407	427	407	4.92	cps
Phosphorus	31-2	192	117	167	158	24.12	cps
Potassium	39-2	3477697	3435699	3454625	3456007	0.61	cps
Rhodium	103-1	10034939	10057431	9980218	10024196	0.40	cps
Rhodium	103-2	5103001	5121498	5087378	5103959	0.33	cps
Scandium	45-1	6922164	6908005	6906200	6912123	0.13	cps
Scandium	45-2	340830	340451	340678	340653	0.06	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	94	74	69	79	17.28	cps
Selenium	82-1	146	79	113	113	29.59	cps
Silicon	28-1	559197	574629	569448	567758	1.38	cps
Silver	109-1	1408	1250	1317	1325	6.00	cps
Silver	107-1	1475	1775	1283	1511	16.40	cps
Sodium	23-2	25983022	26020649	25841730	25948467	0.36	cps
Strontium	86-1	75012	74936	74678	74875	0.23	cps
Strontium	88-1	632631	646645	641295	640190	1.10	cps
Sulfur	34-1	408112	423672	431726	421170	2.85	cps
Terbium	159-1	14722126	14726699	14678034	14708953	0.18	cps
Terbium	159-2	7878730	7870542	7750468	7833246	0.92	cps
Thallium	203-1	1550	1450	1283	1428	9.44	cps
Thallium	205-1	3767	3542	2884	3398	13.51	cps
Tin	118-1	4593	4726	4218	4512	5.84	cps
Titanium	47-1	667	658	633	653	2.66	cps
Uranium	238-1	2217	2300	2150	2223	3.38	cps
Vanadium	51-2	210	177	170	186	11.55	cps
Yttrium	89-1	11491530	11483507	11400264	11458434	0.44	cps
Yttrium	89-2	1877091	1875212	1864763	1872355	0.35	cps
Zinc	66-2	1947	2007	1930	1961	2.06	cps
Zirconium	90-1	3209	2759	2842	2937	8.15	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	J4085-03RE	Instrumnet Name :	P7
Client Sample ID :	1537RE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 16:14:22	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	550	575	550	558	2.59	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P7
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 16:17:55	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5430087	5456521	5484324	5456977	0.50	cps
Antimony	121-1	4681544	4688490	4682814	4684283	0.08	cps
Arsenic	75-2	170254	171547	170736	170846	0.38	cps
Barium	135-1	6138477	6193831	6127543	6153284	0.58	cps
Barium	137-1	10685635	10763564	10669020	10706073	0.47	cps
Beryllium	9-1	987685	991194	988342	989074	0.19	cps
Bismuth	209-1	8454250	8416988	8464852	8445363	0.30	cps
Bismuth	209-2	5213893	5154880	5199120	5189298	0.59	cps
Boron	10-1	130493	129619	132862	130991	1.28	cps
Boron	11-1	607562	614884	624569	615672	1.39	cps
Cadmium	111-1	1165435	1165383	1174869	1168562	0.47	cps
Cadmium	106-1	142544	138067	141979	140864	1.73	cps
Cadmium	108-1	92113	93804	93095	93004	0.91	cps
Calcium	43-1	7052932	7081829	7168001	7100921	0.84	cps
Calcium	44-1	115713357	115536548	116475103	115908336	0.43	cps
Chromium	52-2	1564979	1562876	1563875	1563910	0.07	cps
Cobalt	59-2	2414083	2429564	2422413	2422020	0.32	cps
Copper	63-2	3554289	3563765	3553232	3557096	0.16	cps
Dysprosium	156-1	167	258	192	206	23.05	cps
Dysprosium	156-2	90	113	113	106	12.77	cps
Erbium	164-1	67	58	67	64	7.53	cps
Erbium	164-2	30	40	40	37	15.75	cps
Gadolinium	160-1	125	142	150	139	9.16	cps
Gadolinium	160-2	253	277	263	264	4.43	cps
Holmium	165-1	14023351	13828109	14066489	13972650	0.91	cps
Holmium	165-2	7786610	7782418	7816592	7795206	0.24	cps
Indium	115-1	10349536	10385305	10429992	10388277	0.39	cps
Indium	115-2	2350647	2358640	2369610	2359632	0.40	cps
Iron	56-2	325922930	326650852	326797041	326456941	0.14	cps
Iron	57-2	8065791	8134532	8074074	8091466	0.46	cps
Lead	206-1	3959901	3979579	3967255	3968912	0.25	cps
Lead	207-1	3606829	3606413	3601597	3604946	0.08	cps
Lead	208-1	16170441	16157364	16173012	16166939	0.05	cps
Lithium	6-1	2724644	2731185	2716454	2724094	0.27	cps
Magnesium	24-2	59597972	59967858	59824464	59796765	0.31	cps
Manganese	55-2	1902280	1912196	1923939	1912805	0.57	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P7
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 16:17:55	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9873024	9842514	9863230	9859589	0.16	cps
Molybdenum	95-1	12021180	12008395	12080155	12036577	0.32	cps
Molybdenum	96-1	13266607	13202772	13264002	13244460	0.27	cps
Molybdenum	97-1	7485415	7469568	7491390	7482124	0.15	cps
Molybdenum	98-1	19300878	19337351	19325741	19321323	0.10	cps
Neodymium	150-1	660	700	660	673	3.43	cps
Neodymium	150-2	87	90	107	94	11.35	cps
Nickel	60-2	638439	641990	641222	640551	0.29	cps
Phosphorus	31-2	57779	57863	57328	57657	0.50	cps
Potassium	39-2	29856176	30157062	30140467	30051235	0.56	cps
Rhodium	103-1	9059208	9071974	9079774	9070319	0.11	cps
Rhodium	103-2	4648258	4657030	4662469	4655919	0.15	cps
Scandium	45-1	6612215	6631003	6636413	6626544	0.19	cps
Scandium	45-2	326835	328931	327498	327754	0.33	cps
Selenium	77-2	4477	4434	4451	4454	0.49	cps
Selenium	78-2	15032	14787	15054	14958	0.99	cps
Selenium	82-1	82286	81969	82008	82088	0.21	cps
Silicon	28-1	3423983	3413213	3447063	3428086	0.50	cps
Silver	109-1	5432318	5485951	5456105	5458125	0.49	cps
Silver	107-1	5700004	5697889	5693449	5697114	0.06	cps
Sodium	23-2	110077752	110403577	110815019	110432116	0.33	cps
Strontium	86-1	1546347	1546341	1558111	1550266	0.44	cps
Strontium	88-1	13600986	13574673	13626631	13600763	0.19	cps
Sulfur	34-1	850580	843120	844804	846168	0.46	cps
Terbium	159-1	14215389	14241045	14296222	14250885	0.29	cps
Terbium	159-2	7585706	7639906	7647576	7624396	0.44	cps
Thallium	203-1	4918255	4848478	4923356	4896697	0.85	cps
Thallium	205-1	11624795	11673458	11625799	11641351	0.24	cps
Tin	118-1	4033961	4047322	4048564	4043282	0.20	cps
Titanium	47-1	3313060	3331193	3324107	3322787	0.28	cps
Uranium	238-1	17742801	17609881	17687791	17680158	0.38	cps
Vanadium	51-2	1273352	1280563	1274680	1276198	0.30	cps
Yttrium	89-1	11013138	10953599	10952155	10972964	0.32	cps
Yttrium	89-2	1799534	1812506	1810619	1807553	0.39	cps
Zinc	66-2	535660	542964	541446	540023	0.71	cps
Zirconium	90-1	8272300	8256746	8253716	8260920	0.12	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P7
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2018-08-03 16:17:55	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1817485	1817133	1824590	1819736	0.23	cps

LB Number : LB97116 Operator : Jaswal
 Lab Sample ID : CCB51 Instrumnet Name : P7
 Client Sample ID : CCB51 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-03 16:29:16 DataFile Name : 050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	50	92	69	30.20	cps
Antimony	121-1	1167	1467	1575	1403	15.08	cps
Arsenic	75-2	17	17	20	18	11.93	cps
Barium	135-1	25	58	92	58	57.14	cps
Barium	137-1	133	100	142	125	17.63	cps
Beryllium	9-1	244	194	144	194	25.71	cps
Bismuth	209-1	9643677	9581352	9523962	9582997	0.62	cps
Bismuth	209-2	5853729	5861772	5876395	5863966	0.20	cps
Boron	10-1	2850	2384	2492	2575	9.49	cps
Boron	11-1	11797	11647	10779	11408	4.81	cps
Cadmium	111-1	1791	2029	1918	1913	6.22	cps
Cadmium	106-1	4501	4993	4793	4762	5.19	cps
Cadmium	108-1	25	8	17	17	50.01	cps
Calcium	43-1	208	233	192	211	9.93	cps
Calcium	44-1	6310	6427	7044	6593	5.98	cps
Chromium	52-2	647	610	553	603	7.79	cps
Cobalt	59-2	67	80	77	74	9.32	cps
Copper	63-2	2517	2657	2607	2594	2.74	cps
Dysprosium	156-1	58	8	17	28	96.44	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	50	50	100	67	43.31	cps
Erbium	164-2	33	17	17	22	43.28	cps
Gadolinium	160-1	58	50	75	61	20.83	cps
Gadolinium	160-2	210	230	223	221	4.61	cps
Holmium	165-1	14529910	14474855	14511240	14505335	0.19	cps
Holmium	165-2	7988881	7967066	7955374	7970440	0.21	cps
Indium	115-1	11615870	11524641	11540663	11560391	0.42	cps
Indium	115-2	2545617	2563777	2563102	2557498	0.40	cps
Iron	56-2	8236	8486	8369	8364	1.50	cps
Iron	57-2	311	350	289	317	9.77	cps
Lead	206-1	856	778	806	813	4.85	cps
Lead	207-1	589	794	694	693	14.84	cps
Lead	208-1	3161	3423	3178	3254	4.49	cps
Lithium	6-1	2991376	2982458	2997561	2990465	0.25	cps
Magnesium	24-2	583	567	542	564	3.72	cps
Manganese	55-2	137	220	160	172	24.96	cps

LB Number :	LB97116	Operator :	Jaswal
Lab Sample ID :	CCB51	Instrumnet Name :	P7
Client Sample ID :	CCB51	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	942	950	900	931	2.88	cps
Molybdenum	95-1	783	642	717	714	9.93	cps
Molybdenum	96-1	767	725	825	772	6.50	cps
Molybdenum	97-1	517	375	417	436	16.70	cps
Molybdenum	98-1	1158	975	867	1000	14.74	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	73	73	60	69	11.17	cps
Phosphorus	31-2	67	183	192	147	47.47	cps
Potassium	39-2	34082	33263	34374	33906	1.70	cps
Rhodium	103-1	10469660	10401785	10462061	10444502	0.36	cps
Rhodium	103-2	5273391	5290655	5309929	5291325	0.35	cps
Scandium	45-1	6986151	7028506	6945434	6986697	0.59	cps
Scandium	45-2	341962	342879	342361	342401	0.13	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	102	91	107	100	8.49	cps
Selenium	82-1	25	-48	20	-1	-4270.32	cps
Silicon	28-1	249124	244210	248716	247350	1.10	cps
Silver	109-1	233	208	183	208	12.00	cps
Silver	107-1	283	325	200	269	23.62	cps
Sodium	23-2	20698	20932	20531	20721	0.97	cps
Strontium	86-1	608	642	825	692	16.87	cps
Strontium	88-1	183	250	208	214	15.75	cps
Sulfur	34-1	399121	398842	401527	399830	0.37	cps
Terbium	159-1	14802905	14814709	14797942	14805185	0.06	cps
Terbium	159-2	7901479	7813404	7852774	7855886	0.56	cps
Thallium	203-1	217	208	242	222	7.81	cps
Thallium	205-1	683	592	600	625	8.11	cps
Tin	118-1	2909	2709	2659	2759	4.80	cps
Titanium	47-1	92	125	133	117	18.90	cps
Uranium	238-1	92	150	208	150	38.89	cps
Vanadium	51-2	20	13	10	14	35.26	cps
Yttrium	89-1	11741856	11585921	11615968	11647915	0.71	cps
Yttrium	89-2	1871986	1894755	1893916	1886885	0.68	cps
Zinc	66-2	373	360	323	352	7.35	cps
Zirconium	90-1	1725	1367	1575	1556	11.57	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	350	358	417	375	9.69	cps