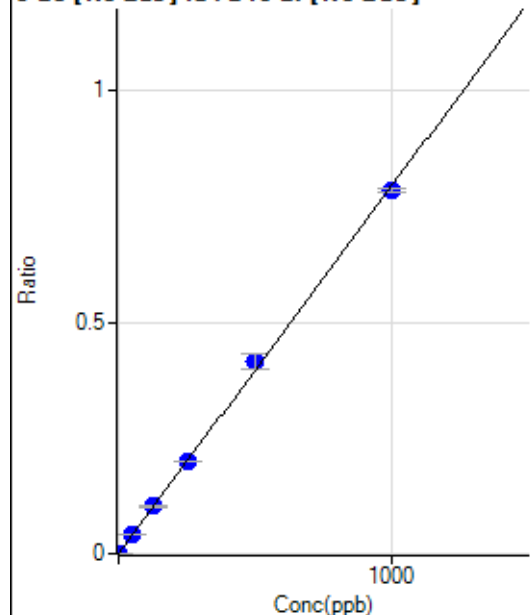


Batch Folder: D:\ICP-MS Data\P70722318MS.b\
Analysis File: P70722318MS.batch.bin
DA Date-Time: 2018-07-23 20:06:18
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-07-23 13:27:48
2			
3	005CALS.d	S02	2018-07-23 13:36:03
4	006CALS.d	S03	2018-07-23 13:39:56
5	007CALS.d	S04	2018-07-23 13:44:05
6	008CALS.d	S05	2018-07-23 13:47:52
7	009CALS.d	S06	2018-07-23 13:51:36
8	010CALS.d	S07	2018-07-23 13:55:19
9	011CALS.d	S08	2018-07-23 13:59:04

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	11.2
2	☐	0.100					
3	☐	1.000	0.964	2505.83	0.0008	P	6.8
4	☐	50.000	50.743	128597.81	0.0403	P	0.7
5	☐	125.000	129.009	313018.52	0.1025	P	2.2
6	☐	250.000	250.671	598135.87	0.1991	P	1.4
7	☐	500.000	523.616	1130896.37	0.4160	P	7.9
8	☐	1000.000	987.486	2171077.61	0.7845	P	1.2
9	☐			614.84	0.0002	P	6.3

$$y = 7.9440\text{E-}004 * x + 1.6324\text{E-}005$$

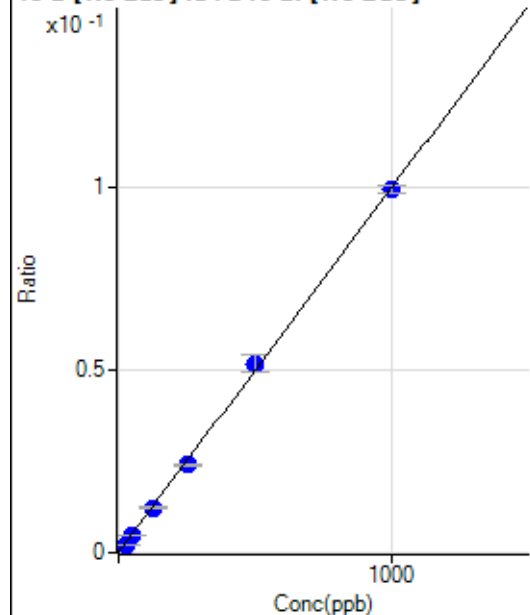
$$R = 0.9996$$

$$DL = 0.006895$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	405.58	0.0001	P	22.6
2	☐	2.500					
3	☐	25.000	21.243	7193.67	0.0022	P	4.9
4	☐	50.000	47.628	15530.79	0.0049	P	2.4
5	☐	125.000	122.311	37555.94	0.0123	P	3.4
6	☐	250.000	239.218	71890.71	0.0239	P	1.8
7	☐	500.000	517.362	140214.72	0.0516	P	9.0
8	☐	1000.000	994.563	274180.74	0.0991	P	2.0
9	☐			11565.99	0.0044	P	9.4

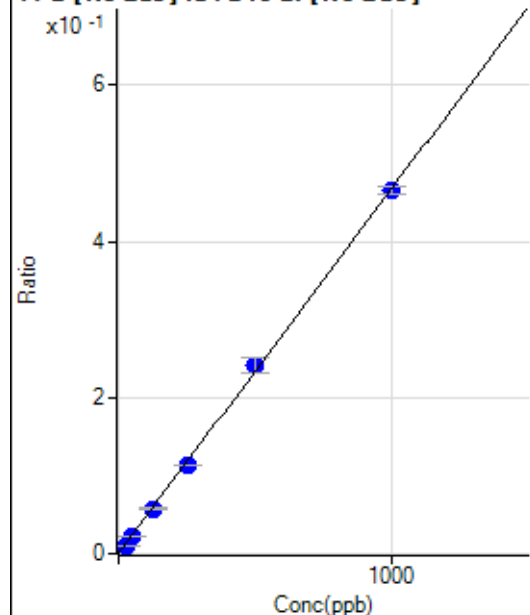
$$y = 9.9480\text{E-}005 * x + 1.3240\text{E-}004$$

$$R = 0.9997$$

$$DL = 0.9011$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1708.50	0.0006	P	6.8
2	☐	2.500					
3	☐	25.000	21.854	34434.54	0.0108	P	3.8
4	☐	50.000	47.742	72778.45	0.0228	P	2.6
5	☐	125.000	120.473	173240.22	0.0567	P	4.1
6	☐	250.000	241.673	340261.28	0.1133	P	0.6
7	☐	500.000	516.383	656085.84	0.2414	P	8.7
8	☐	1000.000	994.648	1285359.41	0.4644	P	2.1
9	☐			53858.55	0.0203	P	8.8

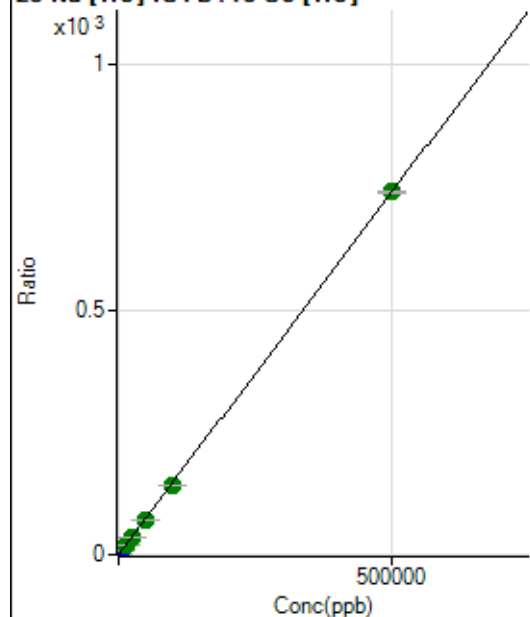
$$y = 4.6639E-004 * x + 5.5778E-004$$

$$R = 0.9998$$

$$DL = 0.2451$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	10748.70	0.0298	P	2.3
2	☐	50.000					
3	☐	500.000	474.120	271240.36	0.7315	P	0.6
4	☐	5000.000	4902.993	2670715.16	7.2860	P	0.2
5	☐	12500.000	12186.721	6544575.10	18.0656	A	0.3
6	☐	25000.000	24392.599	12596760.87	36.1297	A	0.3
7	☐	50000.000	48733.140	24641888.22	72.1525	A	1.2
8	☐	100000.00	96612.680	48928466.02	143.0120	A	0.5
9	☐	500000.00	500843.34	259039947.4	741.2543	A	0.3

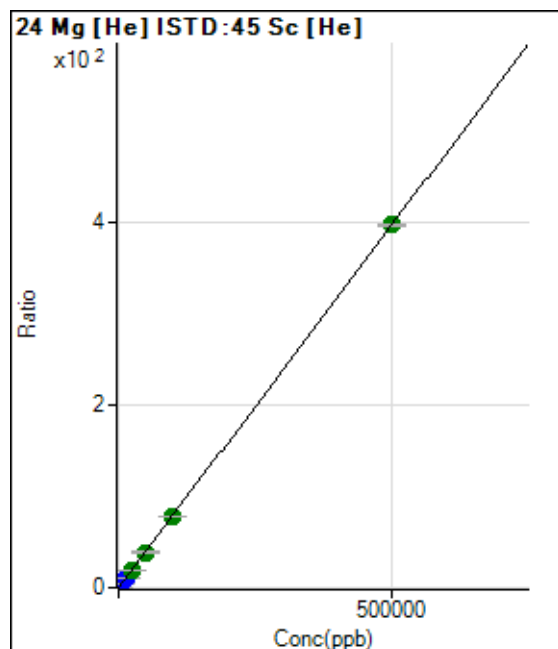
$$y = 0.0015 * x + 0.0298$$

$$R = 1.0000$$

$$DL = 1.398$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0002	P	16.2
2	☐	50.000					
3	☐	500.000	469.789	138392.27	0.3732	P	0.6
4	☐	5000.000	4973.316	1447454.12	3.9488	P	0.3
5	☐	12500.000	12313.771	3541811.19	9.7768	P	0.4
6	☐	25000.000	24742.239	6849126.98	19.6444	A	0.1
7	☐	50000.000	49079.341	13307816.53	38.9669	A	1.5
8	☐	100000.00	97157.822	26391401.11	77.1389	A	0.4
9	☐	500000.00	500678.34	138916737.8	397.5148	A	0.4

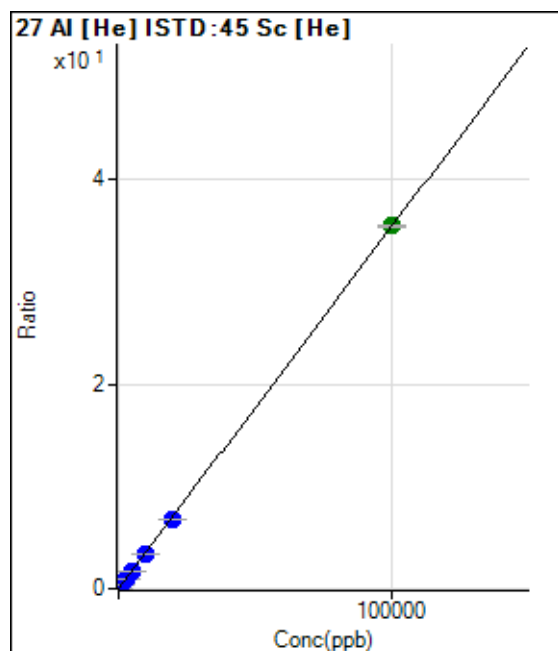
$$y = 7.9395\text{E-}004 * x + 2.1549\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.1317$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0002	P	12.2
2	☐	2.000					
3	☐	20.000	18.729	2528.10	0.0068	P	4.3
4	☐	1000.000	981.210	127452.62	0.3477	P	0.2
5	☐	2500.000	2430.441	311908.10	0.8610	P	0.3
6	☐	5000.000	4845.717	598412.85	1.7164	P	0.9
7	☐	10000.000	9578.293	1158697.70	3.3926	P	0.9
8	☐	20000.000	18947.020	2295948.94	6.7107	P	0.2
9	☐	100000.00	100262.40	12409661.13	35.5106	A	0.7

$$y = 3.5417\text{E-}004 * x + 1.8471\text{E-}004$$

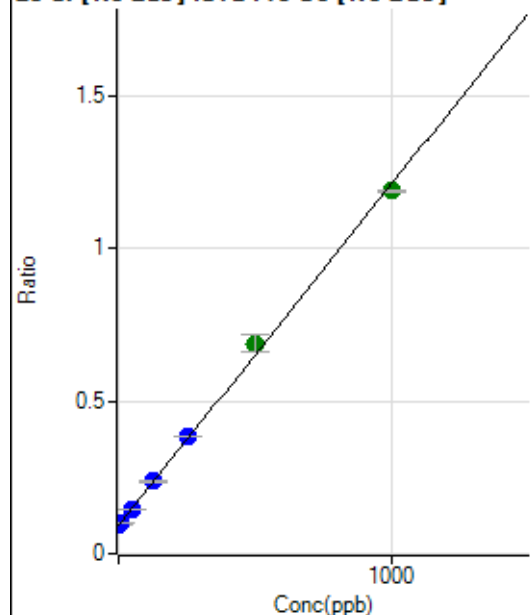
$$R = 0.9999$$

$$DL = 0.1913$$

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	684546.34	0.0927	P	0.3
2	☐	1.000					
3	☐	10.000	8.904	776605.71	0.1026	P	0.9
4	☐	50.000	48.886	1115366.15	0.1474	P	0.8
5	☐	125.000	129.772	1759878.21	0.2380	P	2.7
6	☐	250.000	262.120	2823173.87	0.3862	P	0.6
7	☐	500.000	533.083	4618365.17	0.6896	A	8.7
8	☐	1000.000	979.899	8316965.55	1.1900	A	0.4
9	☐			999224.21	0.1447	P	0.4

$$y = 0.0011 * x + 0.0927$$

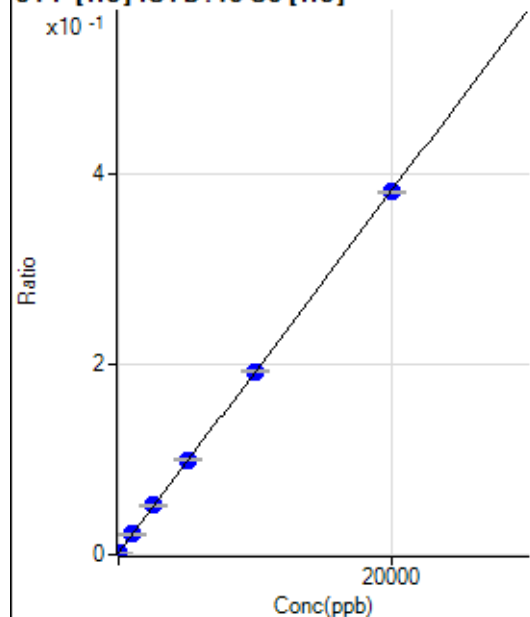
$$R = 0.9990$$

$$DL = 0.684$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	3.975	722.27	0.0020	P	9.0
2	☐	0.000					
3	☐	0.000	-3.975	686.16	0.0019	P	9.7
4	☐	1000.000	1027.116	7857.96	0.0214	P	2.6
5	☐	2500.000	2608.634	18648.40	0.0515	P	2.7
6	☐	5000.000	5129.972	34643.99	0.0994	P	1.8
7	☐	10000.000	10024.519	65692.52	0.1924	P	1.7
8	☐	20000.000	19940.313	130252.86	0.3807	P	0.4
9	☐			797.28	0.0023	P	7.0

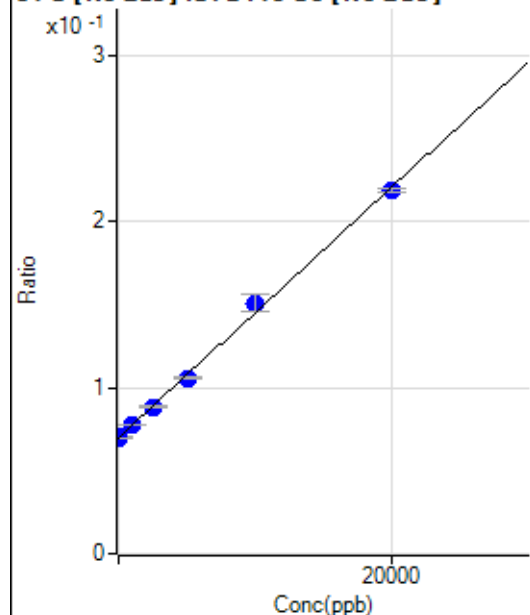
$$y = 1.8996E-005 * x + 0.0019$$

$$R = 1.0000$$

$$DL = 28.31$$

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	61.726	520973.73	0.0705	P	0.2
2	☐	0.000					
3	☐	0.000	-61.726	526578.28	0.0696	P	0.8
4	☐	1000.000	1008.334	587546.47	0.0776	P	0.6
5	☐	2500.000	2444.574	654261.48	0.0885	P	1.9
6	☐	5000.000	4736.017	772892.79	0.1057	P	0.6
7	☐	10000.000	10724.831	1010942.27	0.1508	P	6.9
8	☐	20000.000	19710.092	1527239.89	0.2185	P	1.2
9	☐			444194.76	0.0643	P	0.9

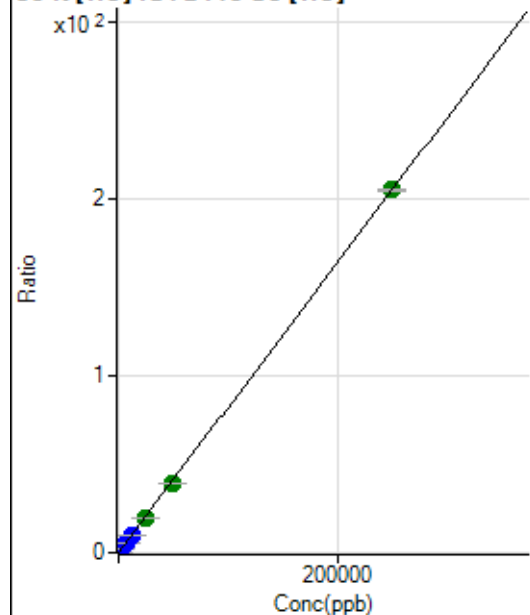
$$y = 7.5338\text{E-}006 * x + 0.0700$$

$$R = 0.9989$$

$$DL = 131.7$$

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	39169.58	0.1085	P	2.8
2	☐	50.000					
3	☐	500.000	458.653	179492.72	0.4841	P	0.9
4	☐	2500.000	2413.335	764057.07	2.0844	P	0.5
5	☐	6250.000	5971.332	1810406.23	4.9974	P	0.1
6	☐	12500.000	11849.095	3420181.76	9.8097	P	0.5
7	☐	25000.000	23831.095	6700849.33	19.6197	A	0.9
8	☐	50000.000	47662.393	13387910.19	39.1311	A	0.2
9	☐	250000.00	250624.87	71745556.46	205.3023	A	0.7

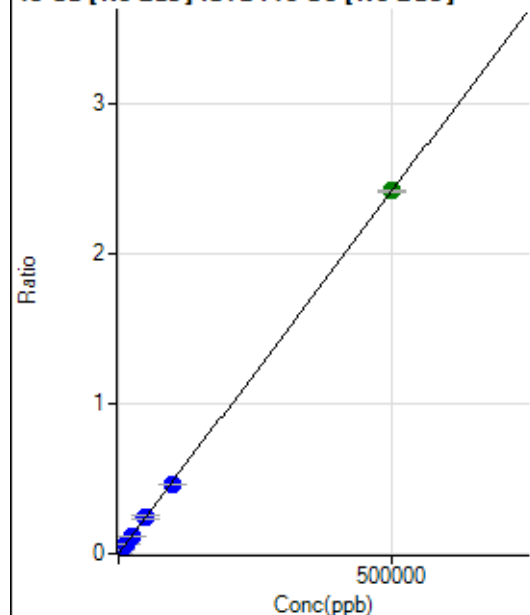
$$y = 8.1873\text{E-}004 * x + 0.1085$$

$$R = 0.9999$$

$$DL = 10.95$$

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	452.80	0.0001	P	18.5
2	☐	50.000					
3	☐	500.000	462.498	17394.19	0.0023	P	1.9
4	☐	5000.000	4940.607	181318.44	0.0240	P	1.0
5	☐	12500.000	12357.943	442615.53	0.0598	P	1.0
6	☐	25000.000	23936.397	846903.17	0.1159	P	0.4
7	☐	50000.000	50490.318	1636700.45	0.2443	P	7.8
8	☐	100000.00	95581.921	3231824.79	0.4624	P	0.6
9	☐	500000.00	500891.94	16732924.16	2.4231	A	0.6

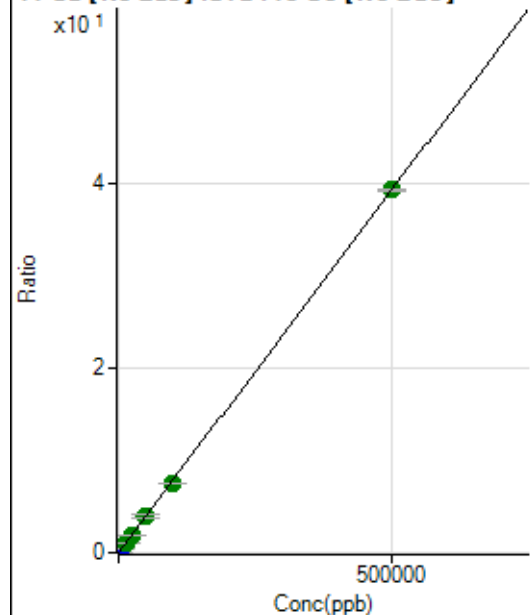
$$y = 4.8375E-006 * x + 6.1286E-005$$

$$R = 1.0000$$

$$DL = 7.038$$

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	11913.64	0.0016	P	1.6
2	☐	50.000					
3	☐	500.000	460.991	285662.66	0.0377	P	0.3
4	☐	5000.000	4881.109	2907396.72	0.3842	P	0.6
5	☐	12500.000	12278.233	7130046.95	0.9640	A	1.3
6	☐	25000.000	24006.974	13767811.25	1.8834	A	0.8
7	☐	50000.000	50492.875	26530472.64	3.9595	A	7.4
8	☐	100000.00	96517.738	52886581.04	7.5672	A	0.3
9	☐	500000.00	500703.58	271036839.3	39.2494	A	0.5

$$y = 7.8385E-005 * x + 0.0016$$

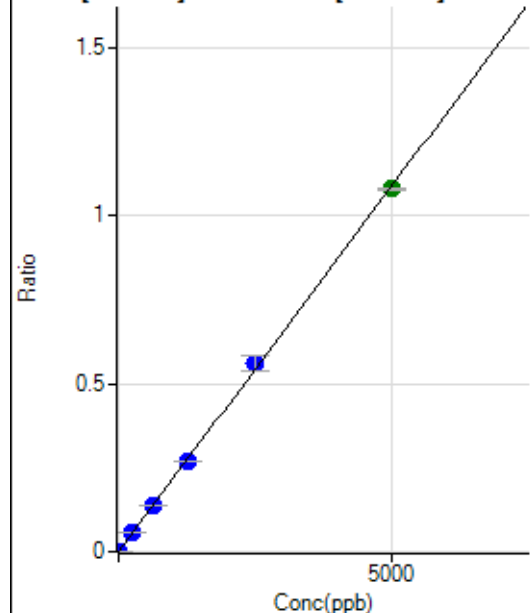
$$R = 1.0000$$

$$DL = 1.015$$

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	75.00	0.0000	P	29.5
2	☐	0.500					
3	☐	5.000	4.931	8180.38	0.0011	P	1.2
4	☐	250.000	251.199	412849.20	0.0546	P	0.2
5	☐	625.000	630.370	1012468.14	0.1369	P	1.5
6	☐	1250.000	1227.979	1949387.57	0.2667	P	0.2
7	☐	2500.000	2577.686	3749890.80	0.5598	P	7.8
8	☐	5000.000	4965.931	7536566.66	1.0784	A	0.4
9	☐			4445.30	0.0006	P	3.5

$$y = 2.1715\text{E-}004 * x + 1.0153\text{E-}005$$

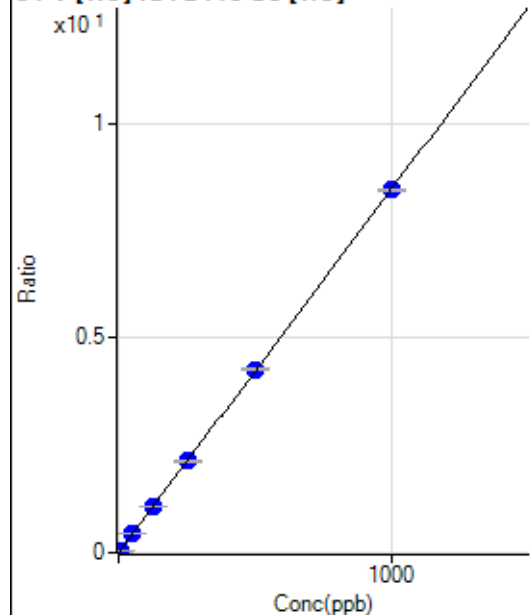
$$R = 0.9998$$

$$DL = 0.04135$$

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	8.89	0.0000	P	57.5
2	☐	0.500					
3	☐	5.000	4.676	14694.16	0.0396	P	2.2
4	☐	50.000	50.483	156728.81	0.4276	P	0.6
5	☐	125.000	125.605	385370.82	1.0638	P	0.8
6	☐	250.000	251.734	743303.27	2.1320	P	0.7
7	☐	500.000	503.239	1455589.07	4.2620	P	1.2
8	☐	1000.000	997.849	2891273.08	8.4509	P	0.5
9	☐			1241.18	0.0036	P	4.6

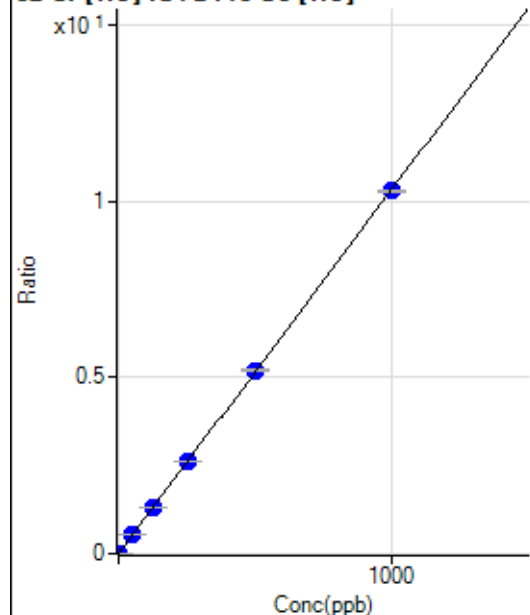
$$y = 0.0085 * x + 2.4650\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.005018$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	622.25	0.0017	P	10.6
2	☐	0.200					
3	☐	2.000	2.083	8618.20	0.0232	P	0.5
4	☐	50.000	51.121	194175.34	0.5297	P	0.5
5	☐	125.000	127.259	476790.31	1.3161	P	0.4
6	☐	250.000	253.646	913973.78	2.6215	P	1.0
7	☐	500.000	503.045	1775097.06	5.1975	P	1.1
8	☐	1000.000	997.227	3524514.74	10.3017	P	0.2
9	☐			131380.05	0.3760	P	0.5

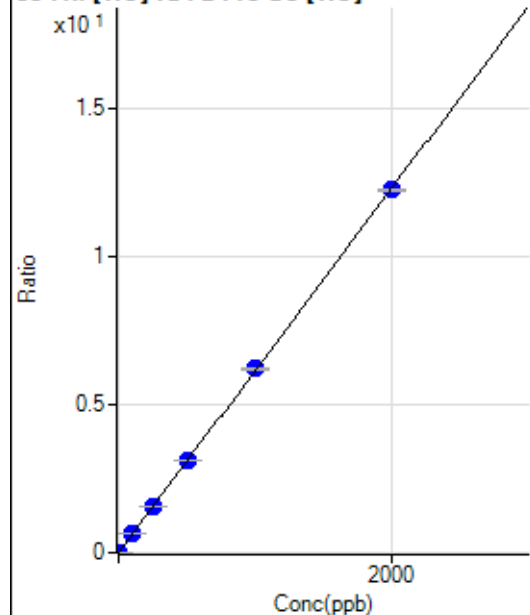
$$y = 0.0103 * x + 0.0017$$

$$R = 1.0000$$

$$DL = 0.05291$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.89	0.0002	P	11.7
2	☐	0.100					
3	☐	1.000	0.971	2271.33	0.0061	P	4.2
4	☐	100.000	101.728	229070.83	0.6249	P	0.5
5	☐	250.000	253.738	564587.47	1.5585	P	0.6
6	☐	500.000	508.276	1088379.27	3.1217	P	0.7
7	☐	1000.000	1009.327	2117037.24	6.1990	P	1.6
8	☐	2000.000	1992.714	4187130.11	12.2384	P	0.3
9	☐			21810.83	0.0624	P	0.3

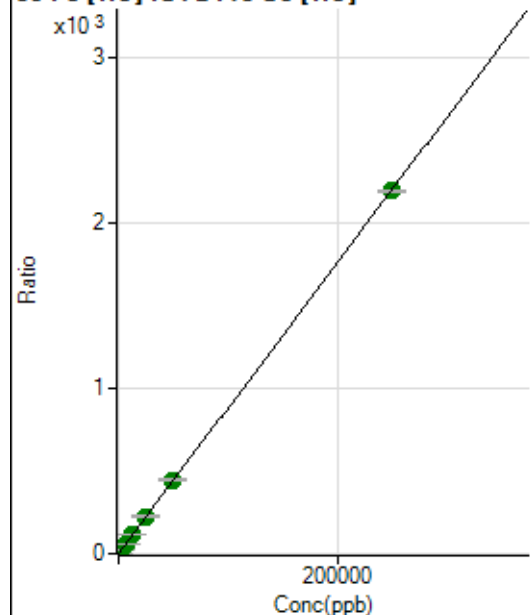
$$y = 0.0061 * x + 1.6318E-004$$

$$R = 1.0000$$

$$DL = 0.009352$$

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	5729.04	0.0159	P	1.1
2	☐	5.000					
3	☐	50.000	49.694	168031.17	0.4531	P	0.3
4	☐	2500.000	2546.785	8220164.02	22.4254	A	0.2
5	☐	6250.000	6399.754	20405738.19	56.3282	A	0.5
6	☐	12500.000	12834.814	39379940.23	112.9513	A	0.7
7	☐	25000.000	25661.276	77120086.91	225.8132	A	1.3
8	☐	50000.000	50901.591	153242347.8	447.9064	A	0.4
9	☐	250000.00	249732.60	767934091.2	2,197.449	A	0.6

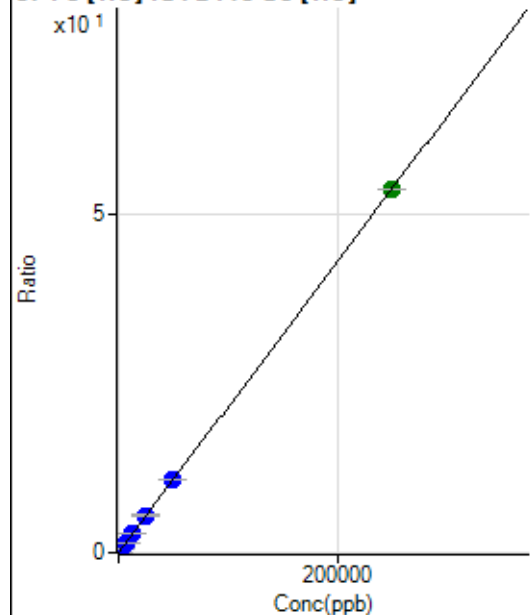
$$y = 0.0088 * x + 0.0159$$

$$R = 1.0000$$

$$DL = 0.05858$$

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	418.54	0.0012	P	6.3
2	☐	5.000					
3	☐	50.000	49.941	4410.05	0.0119	P	3.0
4	☐	2500.000	2591.031	204551.71	0.5580	P	0.2
5	☐	6250.000	6456.163	503094.97	1.3887	P	0.4
6	☐	12500.000	12892.119	966450.19	2.7720	P	0.5
7	☐	25000.000	25675.846	1885058.07	5.5195	P	1.2
8	☐	50000.000	50423.982	3708174.94	10.8385	P	0.2
9	☐	250000.00	249821.94	18764066.16	53.6941	A	0.1

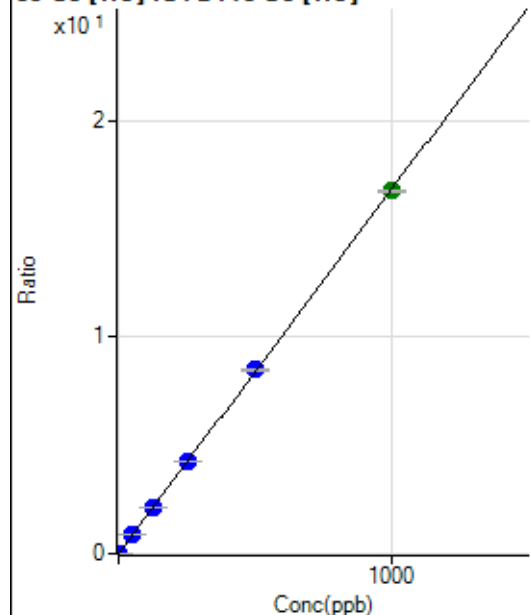
$$y = 2.1492E-004 * x + 0.0012$$

$$R = 1.0000$$

$$DL = 1.02$$

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	78.89	0.0002	P	15.8
2	☐	0.100					
3	☐	1.000	0.986	6224.75	0.0168	P	0.6
4	☐	50.000	51.415	316792.26	0.8642	P	0.8
5	☐	125.000	127.985	779229.42	2.1510	P	0.4
6	☐	250.000	254.761	1492746.91	4.2814	P	0.4
7	☐	500.000	504.284	2894240.13	8.4746	P	1.5
8	☐	1000.000	996.224	5727767.83	16.7416	A	0.4
9	☐			71516.66	0.2046	P	0.7

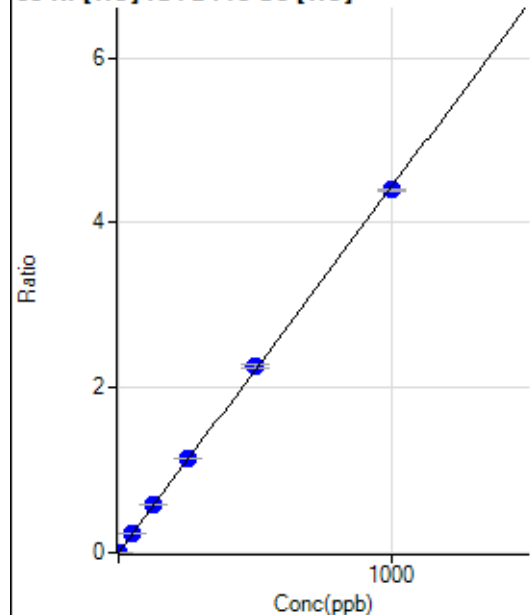
$$y = 0.0168 * x + 2.1856E-004$$

$$R = 1.0000$$

$$DL = 0.006154$$

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	230.01	0.0006	P	7.5
2	☐	0.100					
3	☐	1.000	0.962	1817.92	0.0049	P	5.4
4	☐	50.000	52.712	85898.77	0.2343	P	0.4
5	☐	125.000	130.119	209221.03	0.5775	P	0.7
6	☐	250.000	259.609	401523.50	1.1516	P	0.3
7	☐	500.000	509.820	772152.05	2.2610	P	1.7
8	☐	1000.000	991.912	1504815.67	4.3984	P	0.2
9	☐			46888.61	0.1342	P	0.7

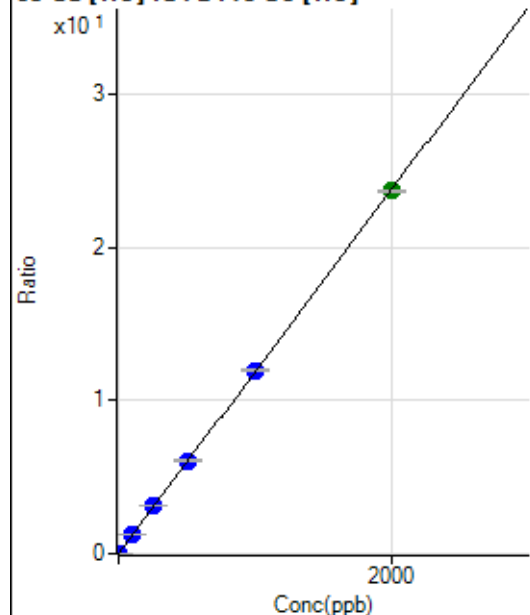
$$y = 0.0044 * x + 6.3730E-004$$

$$R = 0.9999$$

$$DL = 0.03217$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1700.13	0.0047	P	1.5
2	☐	0.200					
3	☐	2.000	1.994	10545.06	0.0284	P	1.7
4	☐	100.000	104.352	456962.24	1.2466	P	0.4
5	☐	250.000	259.677	1121276.64	3.0952	P	0.4
6	☐	500.000	511.053	2122144.22	6.0869	P	0.9
7	☐	1000.000	1005.474	4088392.33	11.9711	P	1.3
8	☐	2000.000	1993.072	8116889.67	23.7247	A	0.4
9	☐			19617.77	0.0561	P	1.6

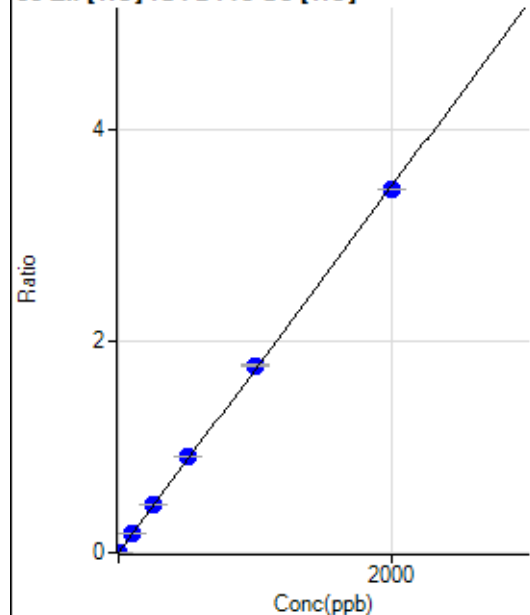
$$y = 0.0119 * x + 0.0047$$

$$R = 1.0000$$

$$DL = 0.01786$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	333.34	0.0009	P	8.1
2	☐	0.200					
3	☐	2.000	2.352	1853.48	0.0050	P	4.0
4	☐	100.000	107.124	68383.71	0.1866	P	0.8
5	☐	250.000	266.166	167421.55	0.4622	P	0.7
6	☐	500.000	526.125	318190.38	0.9126	P	0.6
7	☐	1000.000	1020.481	604251.93	1.7693	P	1.2
8	☐	2000.000	1980.851	1174693.36	3.4335	P	0.1
9	☐			8133.49	0.0233	P	2.8

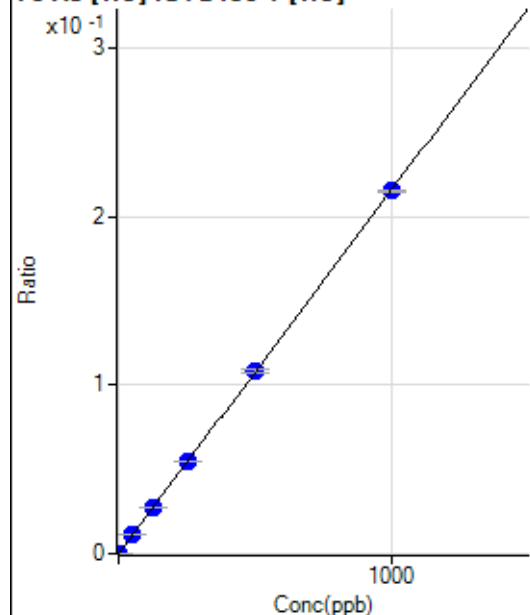
$$y = 0.0017 * x + 9.2383E-004$$

$$R = 0.9998$$

$$DL = 0.1289$$

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	10.49	0.0000	P	19.8
2	☐	0.100					
3	☐	1.000	1.065	475.32	0.0002	P	8.0
4	☐	50.000	51.004	22144.68	0.0110	P	1.9
5	☐	125.000	128.208	55402.49	0.0276	P	0.2
6	☐	250.000	253.904	106149.59	0.0547	P	0.5
7	☐	500.000	501.795	205622.38	0.1081	P	2.0
8	☐	1000.000	997.675	407479.78	0.2150	P	0.2
9	☐			678.42	0.0004	P	2.2

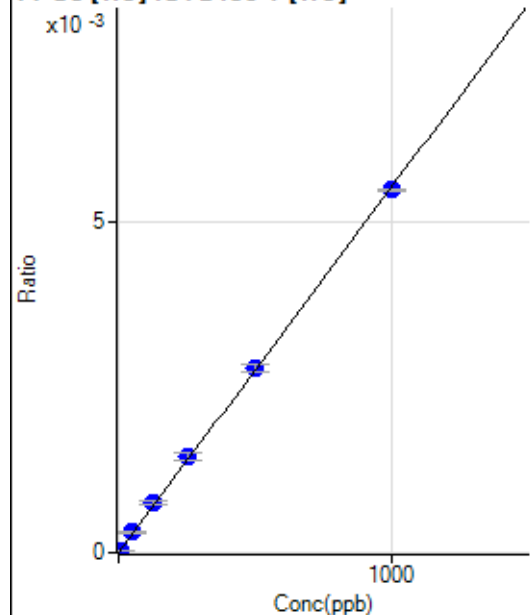
$$y = 2.1551\text{E-}004 * x + 5.3105\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.01465$$

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	4.772	53.33	0.0000	P	5.5
4	☐	50.000	55.492	616.69	0.0003	P	5.2
5	☐	125.000	137.296	1518.99	0.0008	P	5.1
6	☐	250.000	261.015	2794.76	0.0014	P	7.8
7	☐	500.000	505.259	5303.29	0.0028	P	4.0
8	☐	1000.000	992.806	10383.85	0.0055	P	0.9
9	☐			4.44	0.0000	P	43.5

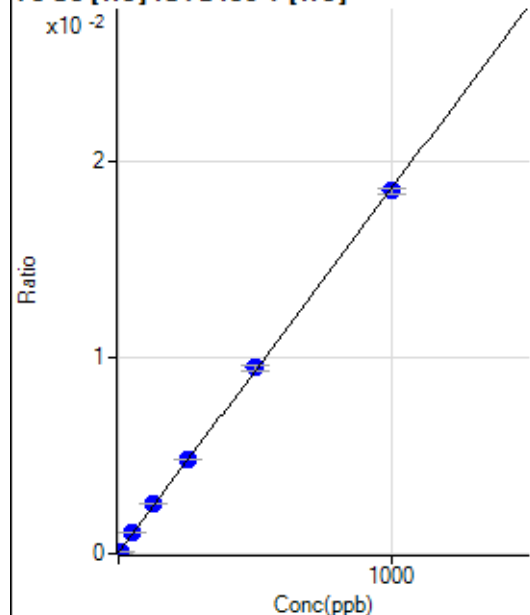
$$y = 5.5188\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9999$$

$$DL = 0$$

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	98.15	0.0000	P	23.8
2	☐	0.500					
3	☐	5.000	5.047	290.13	0.0001	P	4.5
4	☐	50.000	54.236	2126.10	0.0011	P	2.1
5	☐	125.000	134.480	5100.94	0.0025	P	1.3
6	☐	250.000	255.315	9283.91	0.0048	P	1.0
7	☐	500.000	507.815	18004.47	0.0095	P	2.5
8	☐	1000.000	993.366	35016.89	0.0185	P	1.4
9	☐			129.01	0.0001	P	7.2

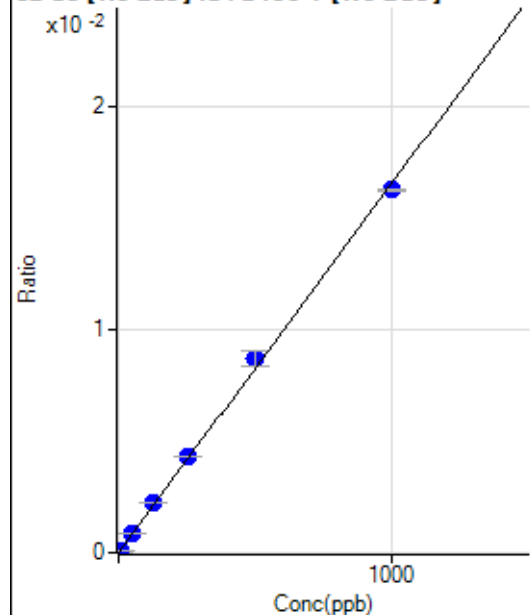
$$y = 1.8551E-005 * x + 4.9711E-005$$

$$R = 0.9999$$

$$DL = 1.912$$

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	15.71	0.0000	P	292.
2	☐	0.500					
3	☐	5.000	5.153	1119.18	0.0001	P	10.4
4	☐	50.000	54.183	11717.30	0.0009	P	0.9
5	☐	125.000	135.085	28312.03	0.0022	P	1.7
6	☐	250.000	259.129	53754.40	0.0043	P	0.5
7	☐	500.000	525.735	101399.00	0.0087	P	8.2
8	☐	1000.000	983.379	198094.06	0.0163	P	0.6
9	☐			257.37	0.0000	P	30.1

$$y = 1.6572E-005 * x + 1.2464E-006$$

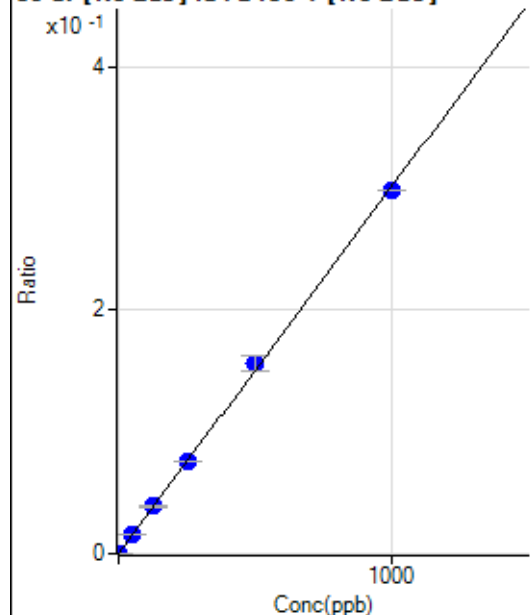
$$R = 0.9994$$

$$DL = 0.6602$$

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	880.63	0.0001	P	4.2
2	☐	0.100					
3	☐	1.000	0.961	4639.85	0.0004	P	3.1
4	☐	50.000	50.283	198466.24	0.0152	P	0.4
5	☐	125.000	128.282	489730.73	0.0387	P	2.0
6	☐	250.000	250.155	944666.96	0.0755	P	0.4
7	☐	500.000	521.043	1828967.92	0.1572	P	8.0
8	☐	1000.000	989.015	3625095.74	0.2983	P	0.1
9	☐			19316.41	0.0016	P	1.8

$$y = 3.0150\text{E-}004 * x + 6.9517\text{E-}005$$

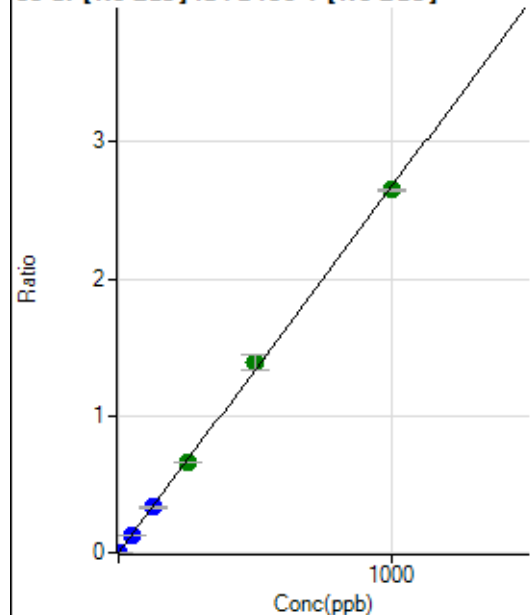
$$R = 0.9997$$

$$DL = 0.02883$$

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	94.45	0.0000	P	13.1
2	☐	0.100					
3	☐	1.000	0.959	33206.17	0.0026	P	3.3
4	☐	50.000	49.674	1730073.95	0.1328	P	0.2
5	☐	125.000	124.086	4191562.85	0.3316	P	2.0
6	☐	250.000	246.036	8228317.81	0.6576	A	0.8
7	☐	500.000	519.187	16147086.99	1.3876	A	8.1
8	☐	1000.000	991.528	32208241.69	2.6500	A	0.4
9	☐			158086.81	0.0134	P	0.6

$$y = 0.0027 * x + 7.4526\text{E-}006$$

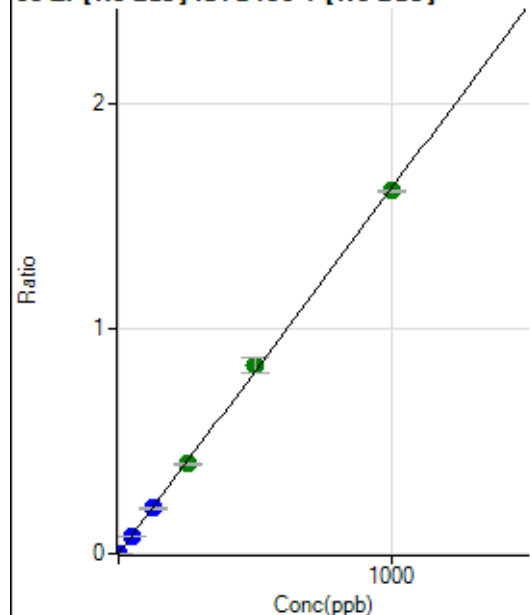
$$R = 0.9997$$

$$DL = 0.001093$$

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	1130.66	0.0001	P	13.3
2	☐	0.100					
3	☐	1.000	0.958	21230.41	0.0016	P	3.7
4	☐	50.000	48.992	1037101.51	0.0796	P	1.0
5	☐	125.000	124.039	2545361.95	0.2014	P	1.0
6	☐	250.000	244.832	4972573.64	0.3974	A	0.5
7	☐	500.000	516.845	9760183.73	0.8388	A	8.2
8	☐	1000.000	993.040	19586287.42	1.6115	A	0.3
9	☐			6326.69	0.0005	P	5.7

$$y = 0.0016 * x + 8.9279E-005$$

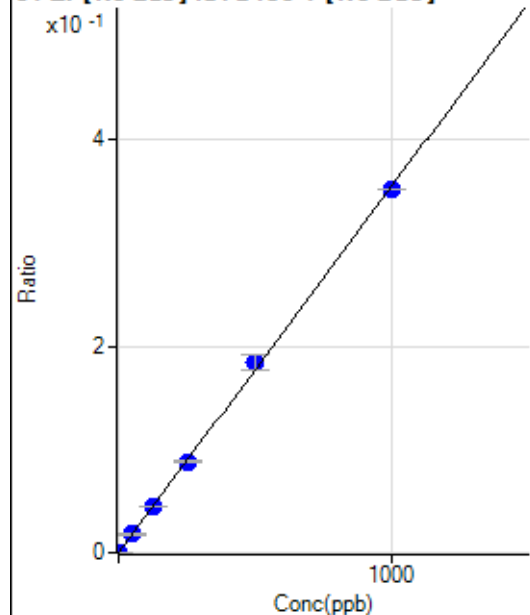
$$R = 0.9998$$

$$DL = 0.02197$$

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	247.24	0.0000	P	10.5
2	☐	0.100					
3	☐	1.000	0.989	4781.55	0.0004	P	2.0
4	☐	50.000	49.956	231016.65	0.0177	P	0.9
5	☐	125.000	126.993	569221.61	0.0450	P	1.8
6	☐	250.000	248.709	1103455.66	0.0882	P	1.0
7	☐	500.000	518.314	2138436.31	0.1838	P	7.9
8	☐	1000.000	990.919	4269490.15	0.3513	P	0.1
9	☐			1444.59	0.0001	P	2.0

$$y = 3.5448E-004 * x + 1.9510E-005$$

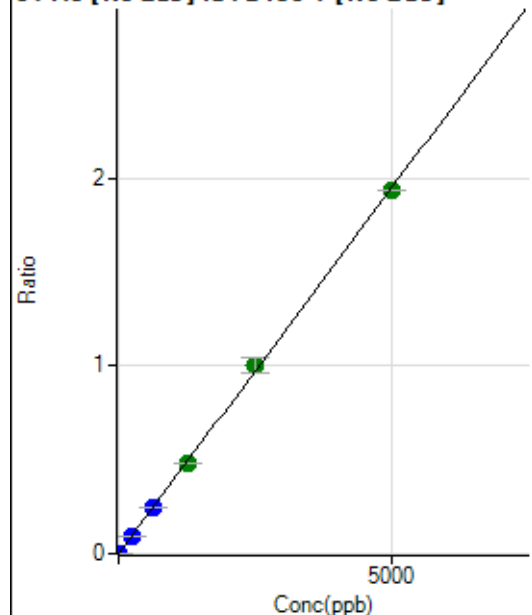
$$R = 0.9997$$

$$DL = 0.01726$$

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	422.25	0.0000	P	27.1
2	☐	0.500					
3	☐	5.000	4.801	24560.82	0.0019	P	4.1
4	☐	250.000	246.197	1248954.05	0.0958	P	0.4
5	☐	625.000	624.472	3072131.36	0.2431	P	1.6
6	☐	1250.000	1233.598	6007812.63	0.4801	A	0.5
7	☐	2500.000	2581.739	11691690.71	1.0048	A	8.2
8	☐	5000.000	4963.488	23477480.39	1.9317	A	0.1
9	☐			28273.41	0.0024	P	3.6

$$y = 3.8917E-004 * x + 3.3355E-005$$

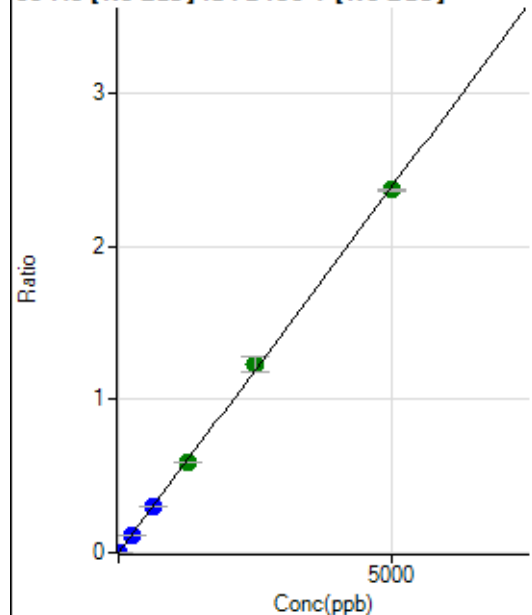
$$R = 0.9998$$

$$DL = 0.06956$$

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	52.78	0.0000	P	63.6
2	☐	0.500					
3	☐	5.000	4.730	29186.20	0.0023	P	2.4
4	☐	250.000	245.866	1527543.83	0.1172	P	0.5
5	☐	625.000	623.985	3760240.32	0.2975	P	1.6
6	☐	1250.000	1233.198	7357185.41	0.5879	A	0.8
7	☐	2500.000	2580.510	14317609.70	1.2303	A	7.9
8	☐	5000.000	4964.279	28766388.14	2.3668	A	0.2
9	☐			44982.66	0.0038	P	2.4

$$y = 4.7676E-004 * x + 4.1642E-006$$

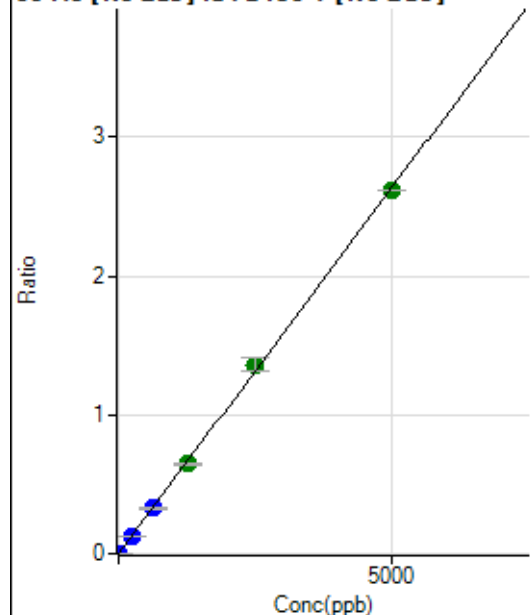
$$R = 0.9998$$

$$DL = 0.01667$$

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	144.45	0.0000	P	38.9
2	☐	0.500					
3	☐	5.000	4.836	33030.88	0.0026	P	1.0
4	☐	250.000	244.863	1680039.01	0.1289	P	0.7
5	☐	625.000	620.628	4130091.50	0.3268	P	1.4
6	☐	1250.000	1227.708	8088158.69	0.6464	A	0.8
7	☐	2500.000	2587.595	15855786.47	1.3623	A	7.7
8	☐	5000.000	4962.579	31754267.38	2.6127	A	0.2
9	☐			57229.55	0.0049	P	2.1

$$y = 5.2647\text{E-}004 * x + 1.1391\text{E-}005$$

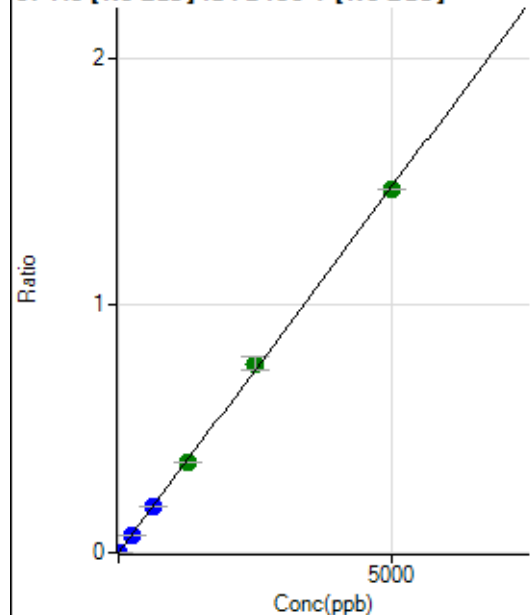
$$R = 0.9998$$

$$DL = 0.02523$$

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	83.34	0.0000	P	55.7
2	☐	0.500					
3	☐	5.000	4.854	18615.57	0.0014	P	0.2
4	☐	250.000	245.804	946796.15	0.0727	P	0.3
5	☐	625.000	626.556	2340753.70	0.1852	P	1.5
6	☐	1250.000	1231.982	4556552.58	0.3641	A	0.2
7	☐	2500.000	2586.498	8899200.20	0.7645	A	7.3
8	☐	5000.000	4961.271	17822250.57	1.4664	A	0.1
9	☐			27549.71	0.0023	P	1.4

$$y = 2.9556\text{E-}004 * x + 6.5809\text{E-}006$$

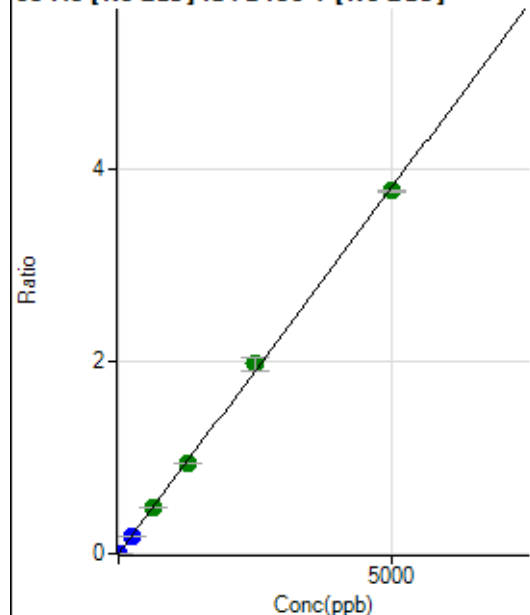
$$R = 0.9998$$

$$DL = 0.03719$$

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	122.23	0.0000	P	57.9
2	☐	0.500					
3	☐	5.000	4.714	46498.84	0.0036	P	1.2
4	☐	250.000	245.882	2440371.95	0.1873	P	0.4
5	☐	625.000	624.784	6014703.17	0.4758	A	1.3
6	☐	1250.000	1232.562	11746758.25	0.9387	A	0.7
7	☐	2500.000	2593.354	22989307.46	1.9751	A	7.6
8	☐	5000.000	4957.915	45893568.04	3.7760	A	0.3
9	☐			71390.35	0.0061	P	2.4

$$y = 7.6160\text{E-}004 * x + 9.6353\text{E-}006$$

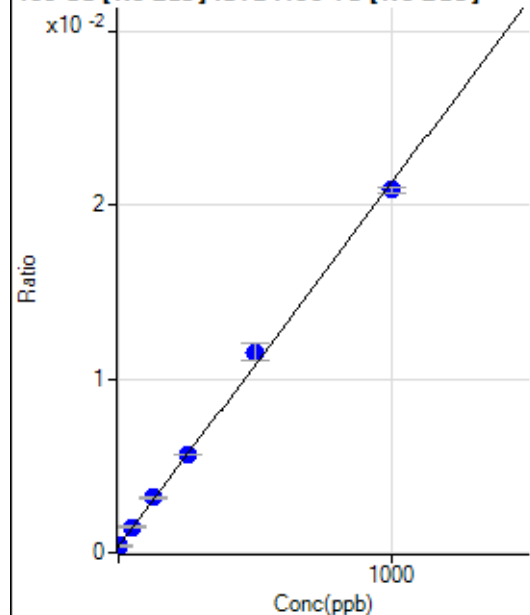
$$R = 0.9997$$

$$DL = 0.02196$$

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	5651.40	0.0004	P	3.7
2	☐	0.100					
3	☐	1.000	1.828	6423.98	0.0004	P	5.6
4	☐	50.000	54.051	24499.80	0.0015	P	1.7
5	☐	125.000	133.902	51017.88	0.0032	P	3.0
6	☐	250.000	253.035	91821.88	0.0056	P	0.9
7	☐	500.000	534.128	172973.67	0.0115	P	8.4
8	☐	1000.000	980.861	330951.87	0.0209	P	1.3
9	☐			5818.10	0.0004	P	0.9

$$y = 2.0919\text{E-}005 * x + 3.5364\text{E-}004$$

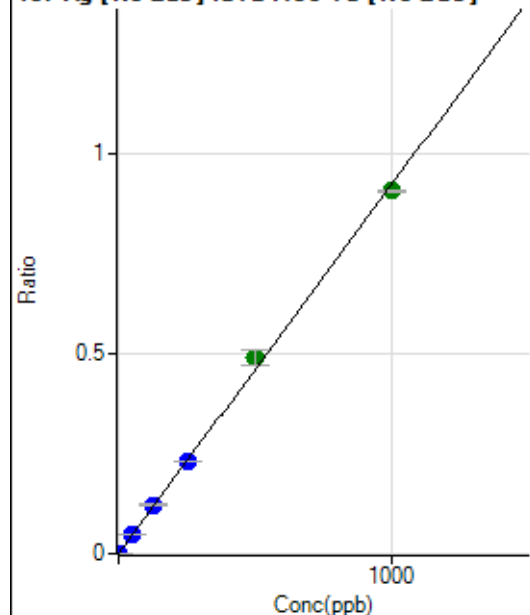
$$R = 0.9991$$

$$DL = 1.865$$

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	133.34	0.0000	P	18.6
2	☐	0.100					
3	☐	1.000	1.020	15553.57	0.0009	P	2.3
4	☐	50.000	52.971	806151.07	0.0488	P	0.3
5	☐	125.000	131.728	1964067.54	0.1214	P	1.8
6	☐	250.000	250.542	3755736.15	0.2310	P	1.0
7	☐	500.000	530.698	7343085.84	0.4893	A	7.9
8	☐	1000.000	983.526	14376461.61	0.9067	A	0.9
9	☐			2761.52	0.0002	P	8.0

$$y = 9.2188\text{E-}004 * x + 8.3423\text{E-}006$$

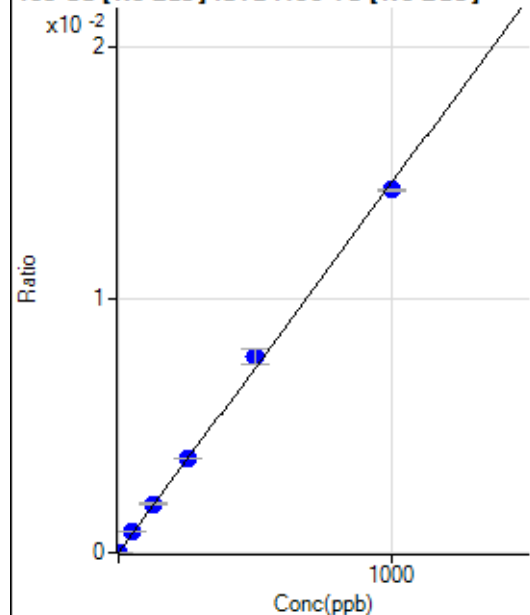
$$R = 0.9993$$

$$DL = 0.005046$$

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	20.83	0.0000	P	40.1
2	☐	0.100					
3	☐	1.000	1.012	263.90	0.0000	P	7.6
4	☐	50.000	54.967	13278.67	0.0008	P	1.1
5	☐	125.000	132.325	31288.99	0.0019	P	2.7
6	☐	250.000	253.798	60323.94	0.0037	P	0.3
7	☐	500.000	532.235	116743.77	0.0078	P	8.0
8	☐	1000.000	981.769	227485.16	0.0143	P	0.7
9	☐			112.50	0.0000	P	13.7

$$y = 1.4612\text{E-}005 * x + 1.3041\text{E-}006$$

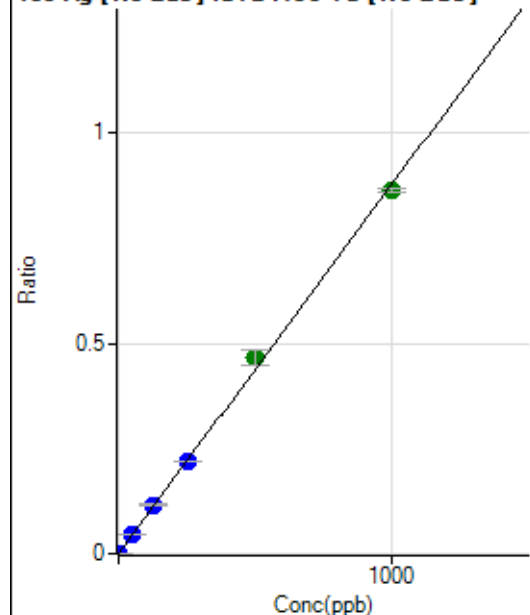
$$R = 0.9992$$

$$DL = 0.1072$$

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	97.23	0.0000	P	27.3
2	☐	0.100					
3	☐	1.000	1.020	14774.94	0.0009	P	3.1
4	☐	50.000	53.044	768306.13	0.0465	P	0.7
5	☐	125.000	131.935	1872275.80	0.1158	P	1.9
6	☐	250.000	250.615	3575722.26	0.2199	P	0.9
7	☐	500.000	530.570	6987296.16	0.4656	A	8.0
8	☐	1000.000	983.542	13683725.48	0.8630	A	0.9
9	☐			2522.57	0.0002	P	12.7

$$y = 8.7745\text{E-}004 * x + 6.0806\text{E-}006$$

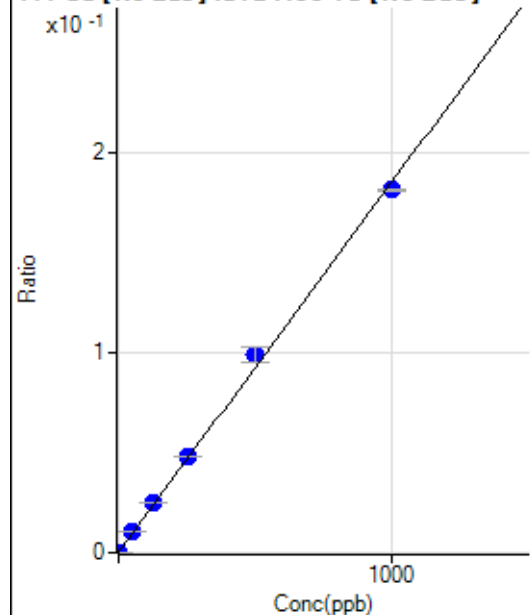
$$R = 0.9993$$

$$DL = 0.005682$$

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	2261.25	0.0001	P	3.5
2	☐	0.100					
3	☐	1.000	1.067	5550.56	0.0003	P	2.0
4	☐	50.000	54.137	167386.80	0.0101	P	0.3
5	☐	125.000	134.827	405069.88	0.0250	P	1.5
6	☐	250.000	258.063	777397.39	0.0478	P	0.4
7	☐	500.000	533.075	1479938.45	0.0986	P	8.0
8	☐	1000.000	980.012	2872504.10	0.1812	P	0.5
9	☐			3274.94	0.0002	P	2.4

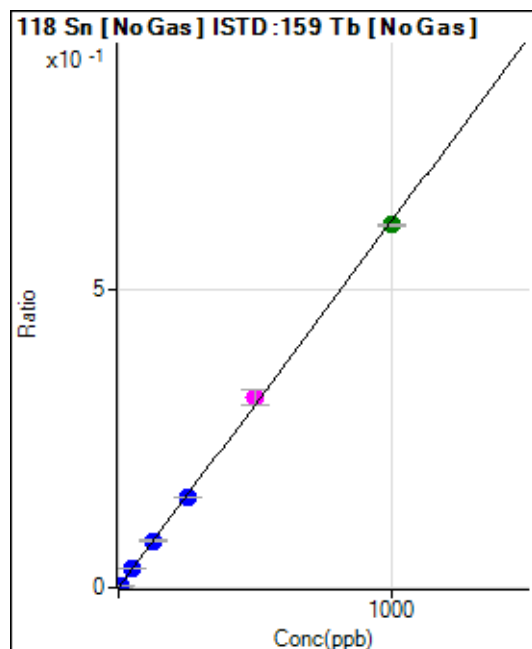
$$y = 1.8472\text{E-}004 * x + 1.4150\text{E-}004$$

$$R = 0.9991$$

$$DL = 0.08096$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2072.51	0.0001	P	2.0
2	☐	0.500					
3	☐	5.000	4.848	50923.41	0.0031	P	0.5
4	☐	50.000	50.933	518233.91	0.0314	P	0.6
5	☐	125.000	128.201	1274883.65	0.0788	P	1.8
6	☐	250.000	247.660	2474280.89	0.1522	P	0.6
7	☐	500.000	519.842	4790764.86	0.3193	M	8.4
8	☐	1000.000	990.218	9640671.92	0.6080	A	0.7
9	☐			21959.62	0.0015	P	2.1

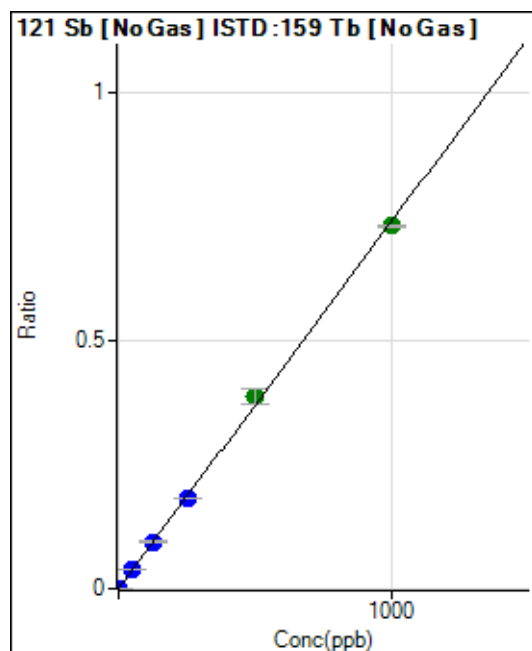
$$y = 6.1390\text{E-}004 * x + 1.2969\text{E-}004$$

$$R = 0.9997$$

$$DL = 0.01284$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	24.7
2	☐	0.200					
3	☐	2.000	1.938	23567.90	0.0014	P	2.7
4	☐	50.000	50.683	618831.52	0.0375	P	0.4
5	☐	125.000	128.062	1531970.76	0.0947	P	1.6
6	☐	250.000	247.383	2975351.13	0.1830	P	0.5
7	☐	500.000	524.444	5822635.59	0.3879	A	7.7
8	☐	1000.000	988.016	11587457.29	0.7308	A	0.8
9	☐			18763.17	0.0012	P	0.4

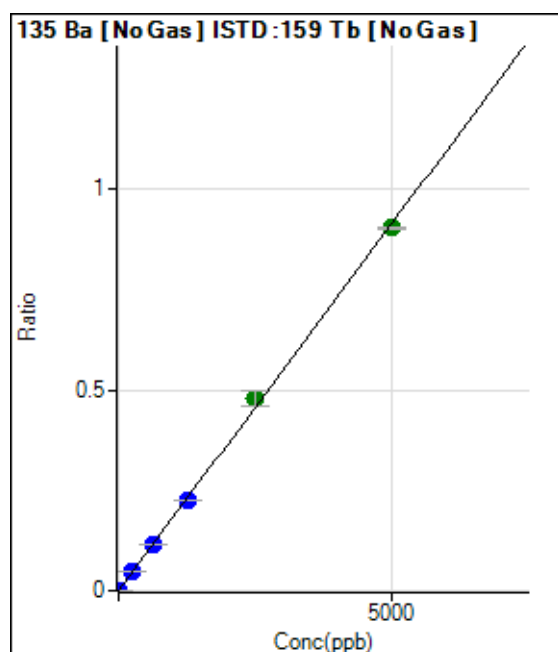
$$y = 7.3966\text{E-}004 * x + 4.1695\text{E-}006$$

$$R = 0.9995$$

$$DL = 0.004174$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.23	0.0000	P	56.6
2	☐	1.000					
3	☐	10.000	9.730	29181.56	0.0018	P	1.6
4	☐	250.000	252.876	762252.82	0.0462	P	0.1
5	☐	625.000	637.907	1884109.55	0.1165	P	1.1
6	☐	1250.000	1230.934	3655073.73	0.2248	P	1.1
7	☐	2500.000	2610.973	7155982.54	0.4768	A	8.0
8	☐	5000.000	4947.523	14325676.53	0.9035	A	0.6
9	☐			3672.86	0.0002	P	5.2

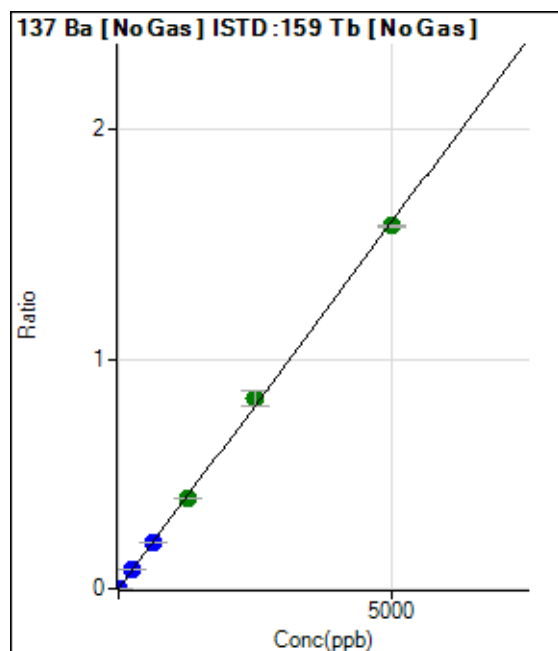
$$y = 1.8261\text{E-}004 * x + 2.9519\text{E-}006$$

$$R = 0.9996$$

$$DL = 0.02745$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0000	P	27.1
2	☐	1.000					
3	☐	10.000	9.569	50227.76	0.0031	P	0.4
4	☐	250.000	253.210	1335529.86	0.0809	P	0.2
5	☐	625.000	635.596	3284717.82	0.2031	P	1.4
6	☐	1250.000	1232.555	6403912.29	0.3938	A	1.1
7	☐	2500.000	2605.787	12497631.36	0.8326	A	7.8
8	☐	5000.000	4949.983	25078758.03	1.5817	A	0.8
9	☐			6968.77	0.0005	P	3.7

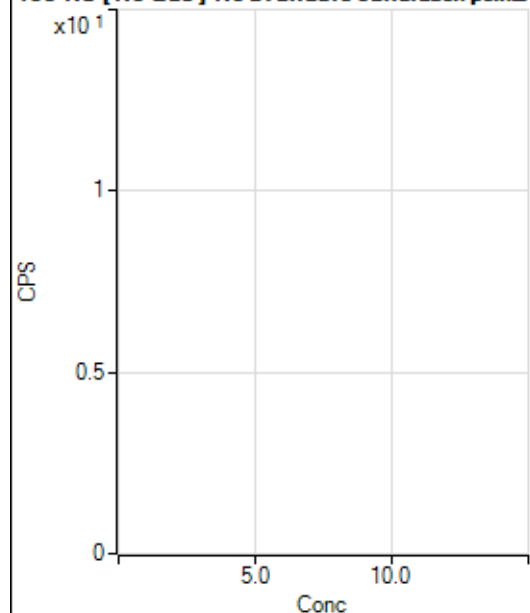
$$y = 3.1953\text{E-}004 * x + 5.9119\text{E-}006$$

$$R = 0.9997$$

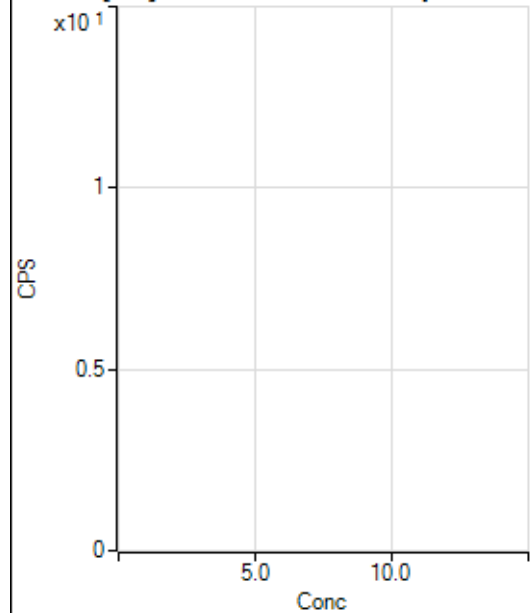
$$DL = 0.01503$$

Weight: <None>

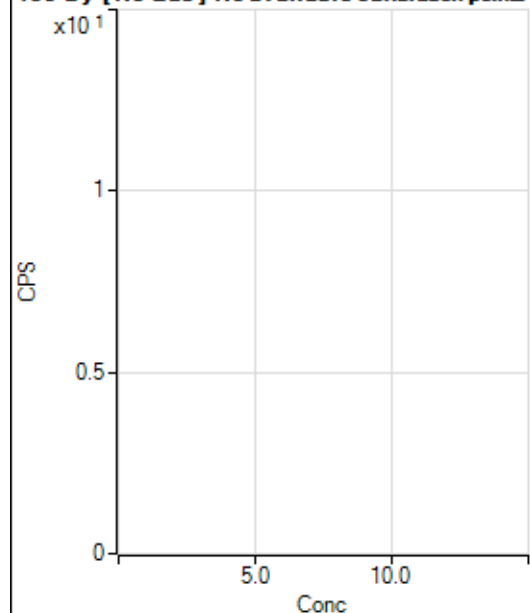
Min Conc: 0

150 Nd [No Gas] No available calibration points

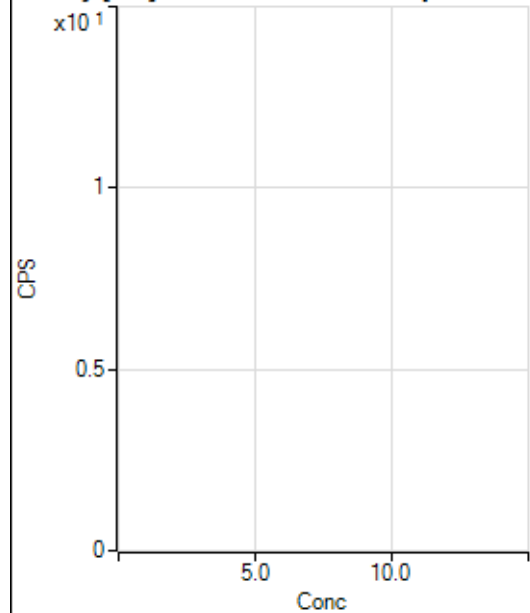
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	173.
2	☐						
3	☐			4.45		P	86.6
4	☐			51.12		P	45.8
5	☐			142.23		P	17.7
6	☐			228.90		P	17.1
7	☐			535.59		P	6.4
8	☐			993.41		P	14.8
9	☐			193.34		P	9.1

150 Nd [He] No available calibration points

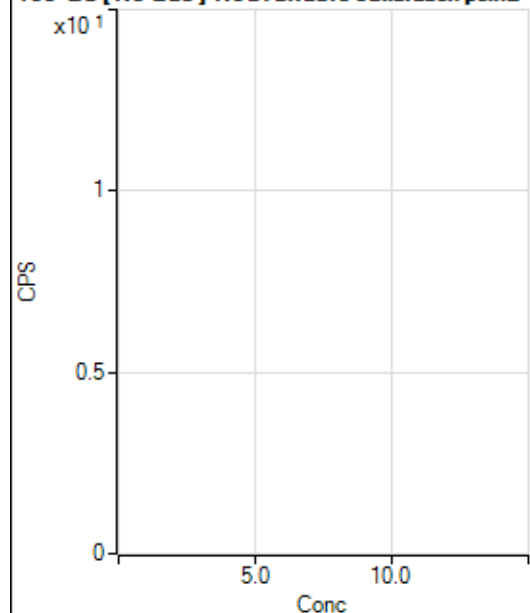
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			2.22		P	173.
5	☐			13.33		P	66.1
6	☐			27.78		P	48.5
7	☐			67.78		P	10.2
8	☐			96.67		P	21.5
9	☐			80.00		P	18.2

156 Dy [No Gas] No available calibration points

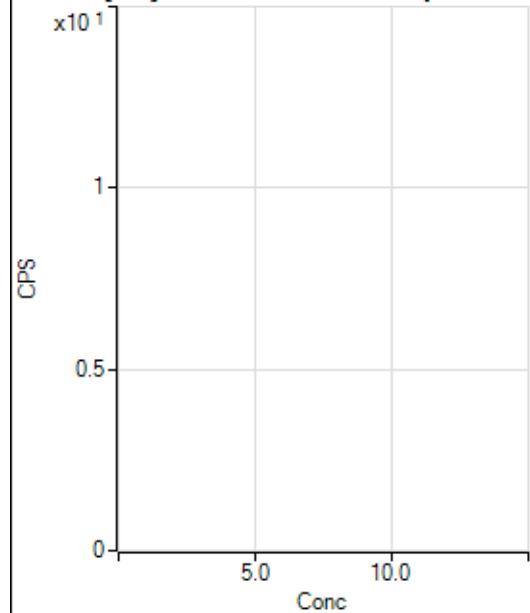
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	86.6
2	☐						
3	☐			11.11		P	86.6
4	☐			13.89		P	124.
5	☐			58.34		P	14.3
6	☐			66.67		P	43.3
7	☐			125.01		P	63.6
8	☐			272.24		P	21.7
9	☐			108.34		P	30.8

156 Dy [He] No available calibration points

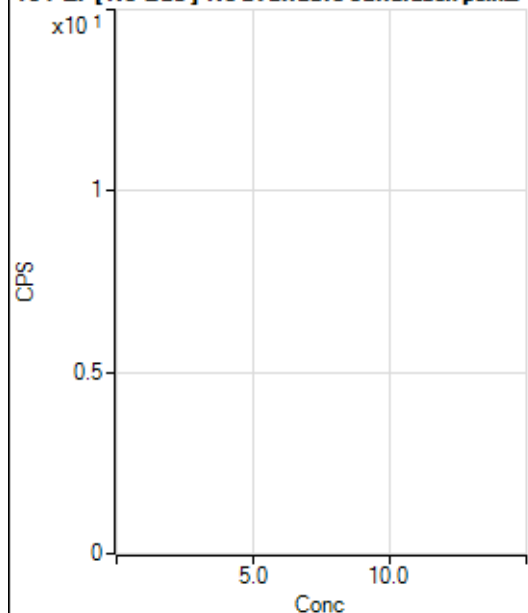
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐						
3	☐			7.78		P	65.5
4	☐			15.55		P	44.6
5	☐			34.44		P	73.3
6	☐			63.33		P	36.5
7	☐			133.34		P	4.3
8	☐			228.89		P	6.9
9	☐			92.23		P	30.7

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

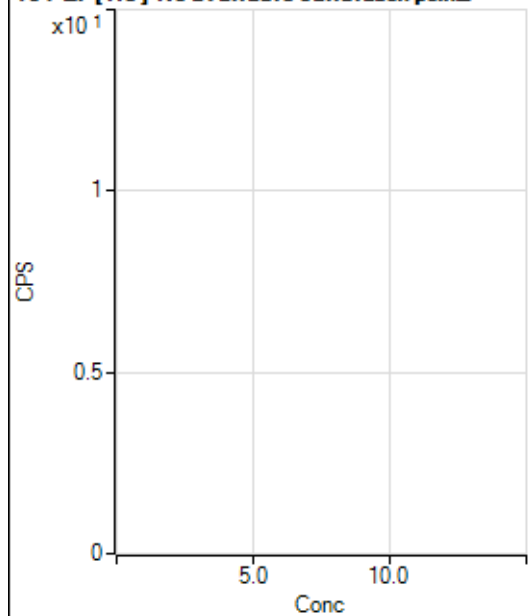
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			119.45		P	24.5
2	☐						
3	☐			155.57		P	21.7
4	☐			161.12		P	23.3
5	☐			125.01		P	40.6
6	☐			150.01		P	45.5
7	☐			133.34		P	28.6
8	☐			213.90		P	25.0
9	☐			175.01		P	31.2

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			273.34		P	14.6
2	☐						
3	☐			302.23		P	12.8
4	☐			280.01		P	3.1
5	☐			264.45		P	11.3
6	☐			273.34		P	17.3
7	☐			241.12		P	8.1
8	☐			293.34		P	1.1
9	☐			307.79		P	13.5

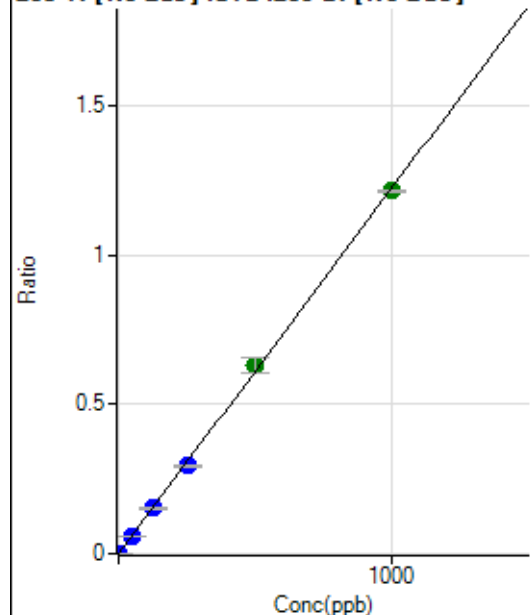
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			58.33		P	62.3
2	☐						
3	☐			58.34		P	42.9
4	☐			47.22		P	53.9
5	☐			61.12		P	34.3
6	☐			52.78		P	24.1
7	☐			44.44		P	21.7
8	☐			77.78		P	30.9
9	☐			91.67		P	27.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	34.7
2	☐						
3	☐			33.33		P	20.0
4	☐			22.22		P	48.2
5	☐			21.11		P	24.1
6	☐			27.78		P	36.7
7	☐			22.22		P	37.8
8	☐			25.56		P	49.4
9	☐			37.78		P	27.0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	69.45	0.0000	P	18.7
2	☐	0.100					
3	☐	1.000	0.943	11822.45	0.0012	P	1.6
4	☐	50.000	48.709	604662.02	0.0596	P	0.7
5	☐	125.000	124.163	1505321.89	0.1520	P	2.0
6	☐	250.000	241.090	2944851.89	0.2952	P	1.2
7	☐	500.000	517.542	5801749.22	0.6336	A	8.0
8	☐	1000.000	993.626	11486977.51	1.2164	A	0.4
9	☐			7024.34	0.0008	P	4.5

$$y = 0.0012 * x + 6.9822E-006$$

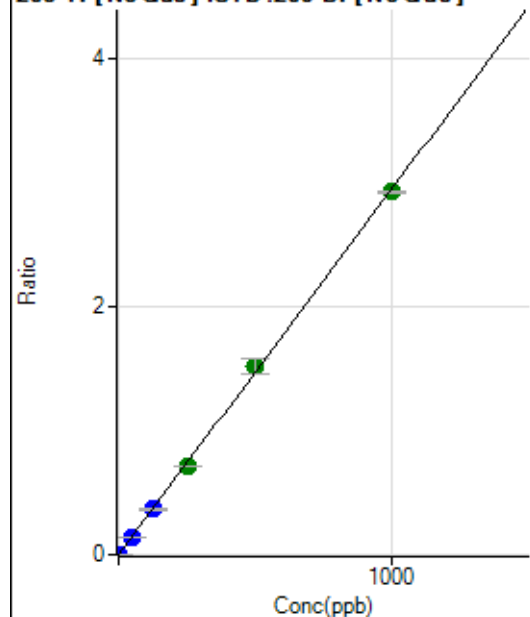
$$R = 0.9997$$

$$DL = 0.003204$$

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	175.01	0.0000	P	40.9
2	☐	0.100					
3	☐	1.000	0.930	28030.34	0.0028	P	3.4
4	☐	50.000	48.784	1455366.79	0.1435	P	0.4
5	☐	125.000	124.343	3622845.61	0.3658	P	1.8
6	☐	250.000	242.734	7125177.42	0.7141	A	1.3
7	☐	500.000	517.113	13931711.94	1.5214	A	7.9
8	☐	1000.000	993.403	27598971.80	2.9226	A	0.7
9	☐			16458.03	0.0020	P	3.3

$$y = 0.0029 * x + 1.7592E-005$$

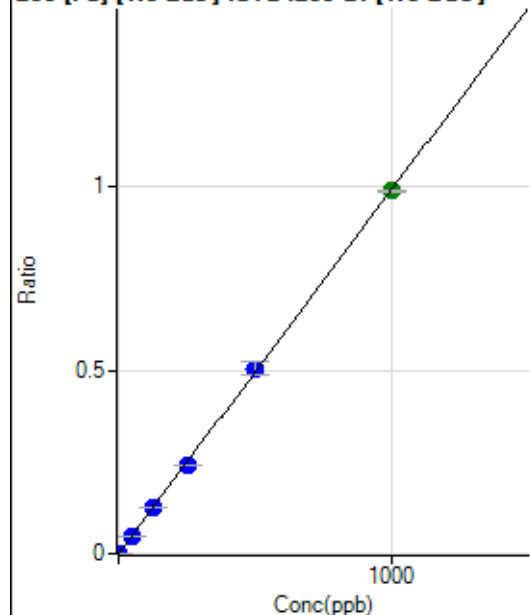
$$R = 0.9998$$

$$DL = 0.007337$$

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	581.51	0.0001	P	11.4
2	☐	0.100					
3	☐	1.000	0.979	10480.32	0.0010	P	2.6
4	☐	50.000	49.406	497564.41	0.0491	P	0.5
5	☐	125.000	125.192	1230605.41	0.1243	P	1.4
6	☐	250.000	242.483	2400794.09	0.2406	P	1.4
7	☐	500.000	509.621	4630760.93	0.5057	P	7.7
8	☐	1000.000	997.074	9341859.12	0.9893	A	0.4
9	☐			55950.98	0.0067	P	0.7

$$y = 9.9211\text{E-}004 * x + 5.8416\text{E-}005$$

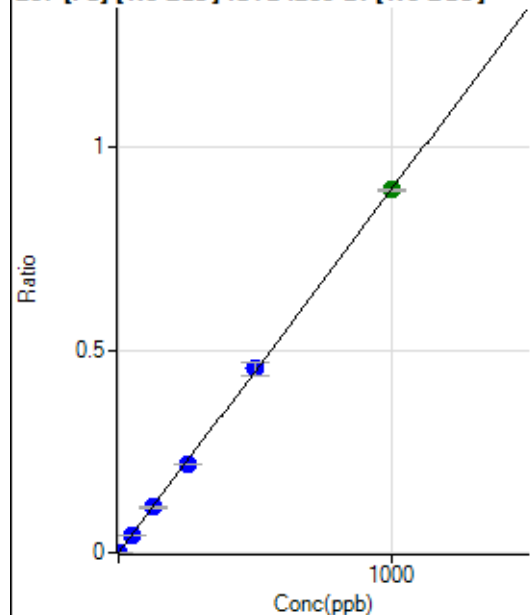
$$R = 0.9999$$

$$DL = 0.02016$$

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	507.43	0.0001	P	5.8
2	☐	0.100					
3	☐	1.000	0.960	9279.40	0.0009	P	1.5
4	☐	50.000	49.301	448942.93	0.0443	P	0.4
5	☐	125.000	125.057	1111478.86	0.1122	P	1.7
6	☐	250.000	241.982	2166386.83	0.2171	P	0.9
7	☐	500.000	506.008	4157203.25	0.4540	P	7.9
8	☐	1000.000	999.028	8463622.76	0.8963	A	0.8
9	☐			47195.28	0.0057	P	1.3

$$y = 8.9708\text{E-}004 * x + 5.0986\text{E-}005$$

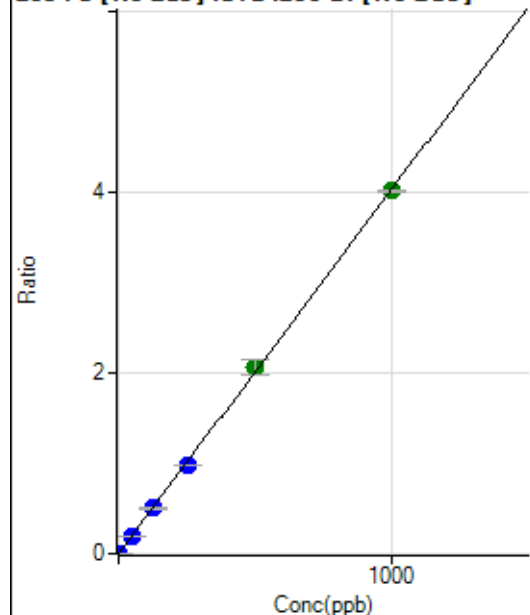
$$R = 0.9999$$

$$DL = 0.00994$$

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	2339.05	0.0002	P	0.3
2	☐	0.100					
3	☐	1.000	0.967	42064.11	0.0041	P	1.2
4	☐	50.000	49.270	2016861.36	0.1989	P	0.3
5	☐	125.000	124.744	4983953.54	0.5033	P	1.7
6	☐	250.000	241.511	9719713.90	0.9742	P	0.8
7	☐	500.000	511.326	18883499.12	2.0622	A	8.0
8	☐	1000.000	996.528	37951060.33	4.0189	A	0.5
9	☐			220640.48	0.0266	P	0.2

$$y = 0.0040 * x + 2.3504E-004$$

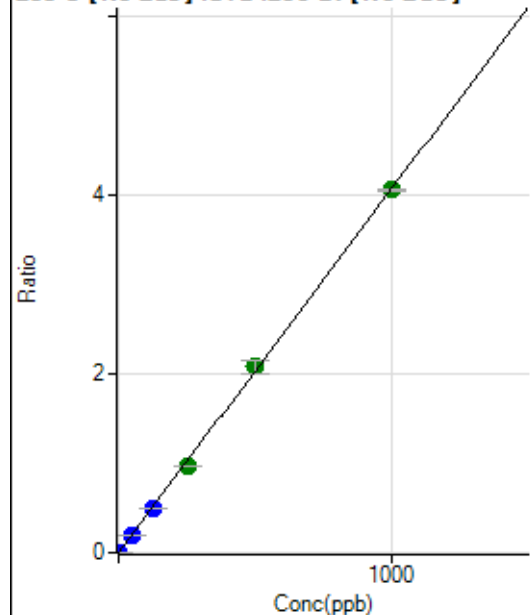
$$R = 0.9999$$

$$DL = 0.0005659$$

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	250.02	0.0000	P	37.2
2	☐	0.100					
3	☐	1.000	0.911	38004.01	0.0037	P	3.1
4	☐	50.000	47.113	1945438.82	0.1919	P	1.1
5	☐	125.000	120.070	4842418.42	0.4890	P	1.6
6	☐	250.000	238.677	9698060.03	0.9720	A	0.9
7	☐	500.000	512.019	19097394.00	2.0851	A	7.5
8	☐	1000.000	997.582	38362895.30	4.0625	A	0.8
9	☐			6485.20	0.0008	P	3.3

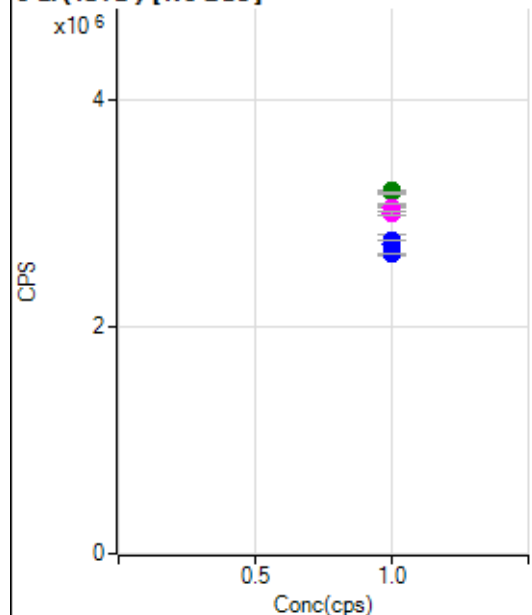
$$y = 0.0041 * x + 2.5123E-005$$

$$R = 0.9998$$

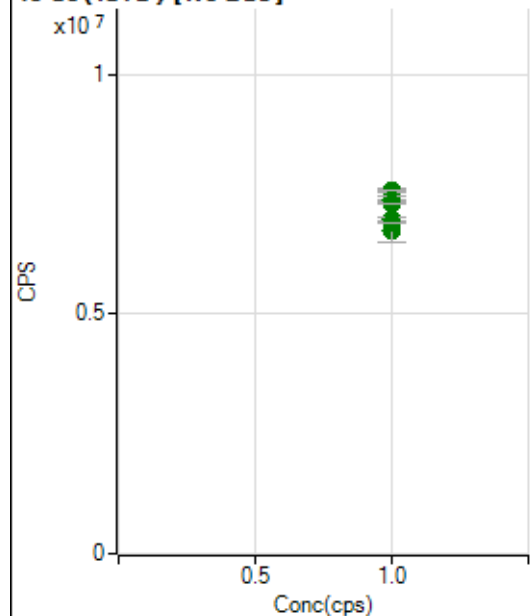
$$DL = 0.006886$$

Weight: <None>

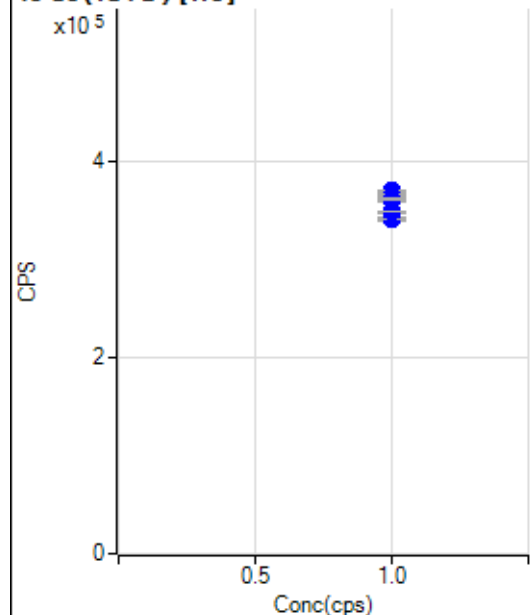
Min Conc: 0

6 Li (ISTD) [No Gas]

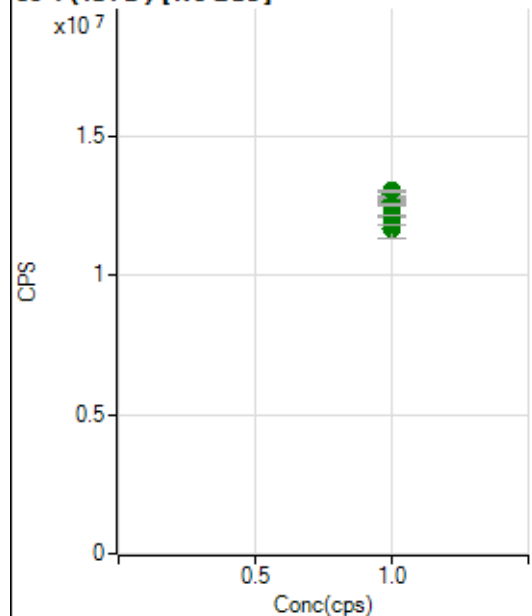
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3063376.83		P	0.2
2	☐	1.000					
3	☐	1.000		3203514.22		A	0.4
4	☐	1.000		3189031.69		A	0.6
5	☐	1.000		3054814.68		M	2.2
6	☐	1.000		3003829.92		M	1.3
7	☐	1.000		2727871.62		P	6.4
8	☐	1.000		2767606.49		P	0.3
9	☐	1.000		2652763.75		P	0.1

45 Sc (ISTD) [No Gas]

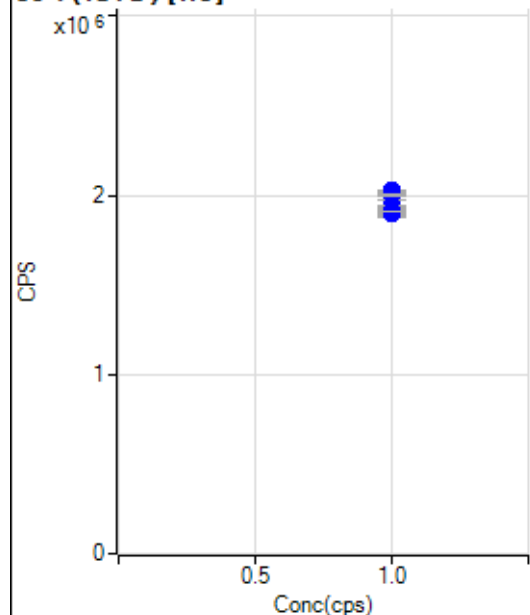
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7388210.06		A	0.1
2	☐	1.000					
3	☐	1.000		7567851.21		A	0.9
4	☐	1.000		7567128.47		A	0.5
5	☐	1.000		7397014.75		A	1.6
6	☐	1.000		7310153.81		A	0.2
7	☐	1.000		6720863.09		A	6.2
8	☐	1.000		6988834.70		A	0.9
9	☐	1.000		6905541.04		A	0.2

45 Sc (ISTD) [He]

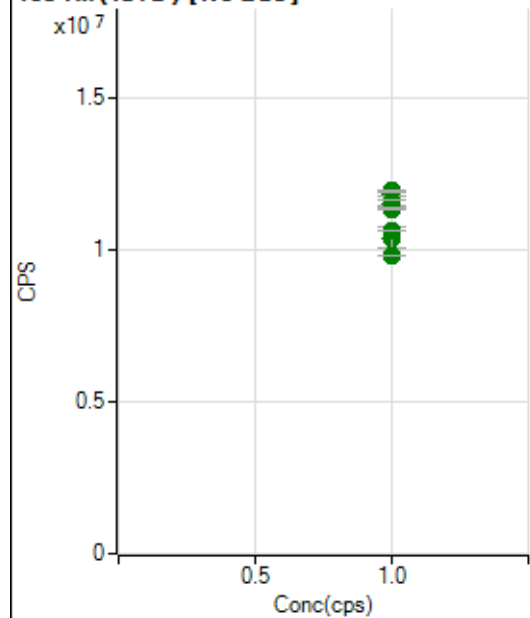
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		360873.63		P	0.3
2	☐	1.000					
3	☐	1.000		370816.86		P	0.3
4	☐	1.000		366555.35		P	0.2
5	☐	1.000		362266.97		P	0.2
6	☐	1.000		348658.83		P	0.9
7	☐	1.000		341561.74		P	1.3
8	☐	1.000		342130.07		P	0.2
9	☐	1.000		349462.83		P	0.3

89 Y (ISTD) [No Gas]

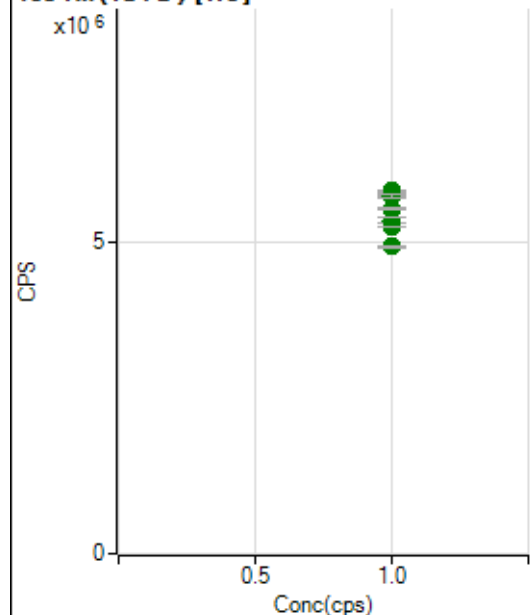
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12668997.73		A	0.4
2	☐	1.000					
3	☐	1.000		12916612.86		A	0.6
4	☐	1.000		13031157.03		A	0.5
5	☐	1.000		12641746.20		A	1.7
6	☐	1.000		12513555.65		A	0.4
7	☐	1.000		11678080.24		A	6.6
8	☐	1.000		12154088.43		A	0.5
9	☐	1.000		11795181.63		A	0.2

89 Y(ISTD) [He]

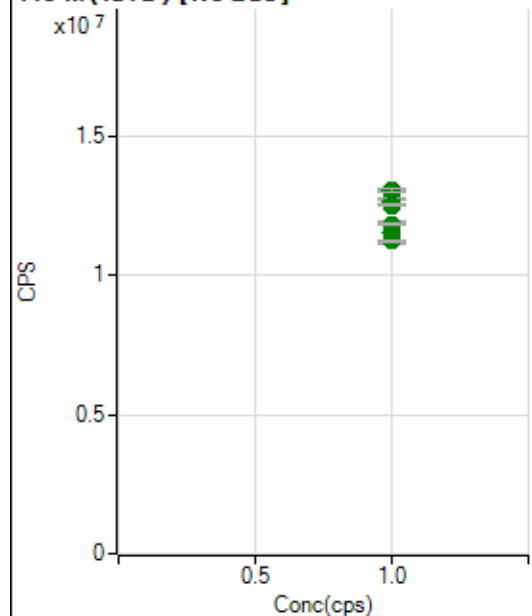
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1974695.80		P	0.5
2	☐	1.000					
3	☐	1.000		2024592.73		P	0.8
4	☐	1.000		2013689.94		P	0.0
5	☐	1.000		2004793.08		P	0.5
6	☐	1.000		1939778.13		P	0.7
7	☐	1.000		1901883.23		P	2.2
8	☐	1.000		1895156.88		P	0.2
9	☐	1.000		1908558.91		P	0.1

103 Rh(ISTD) [No Gas]

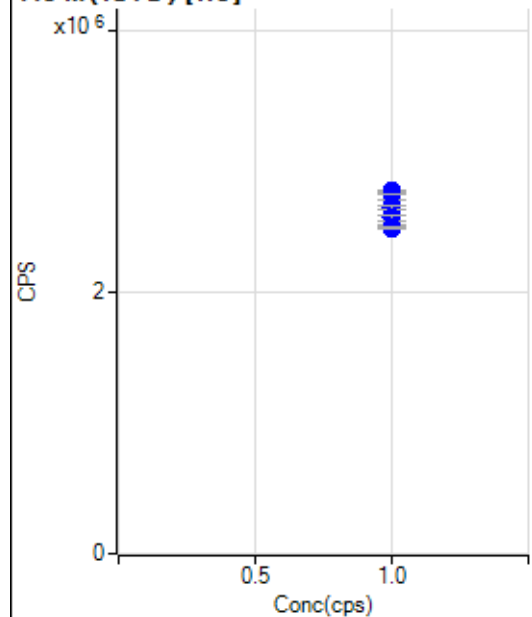
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11812265.89		A	0.6
2	☐	1.000					
3	☐	1.000		11920607.65		A	0.4
4	☐	1.000		11918242.19		A	0.8
5	☐	1.000		11507945.66		A	1.7
6	☐	1.000		11317290.10		A	0.7
7	☐	1.000		10386877.92		A	6.5
8	☐	1.000		10614115.51		A	0.5
9	☐	1.000		9783679.91		A	0.3

103 Rh (ISTD) [He]

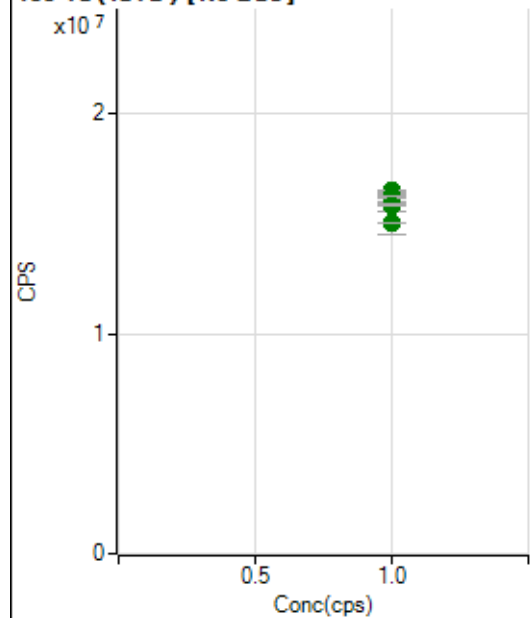
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5728319.50		A	0.3
2	☐	1.000					
3	☐	1.000		5813096.30		A	0.3
4	☐	1.000		5762280.89		A	0.4
5	☐	1.000		5734932.83		A	1.0
6	☐	1.000		5530589.36		A	0.4
7	☐	1.000		5334652.98		A	1.8
8	☐	1.000		5242786.21		A	0.3
9	☐	1.000		4928201.18		A	0.6

115 In (ISTD) [No Gas]

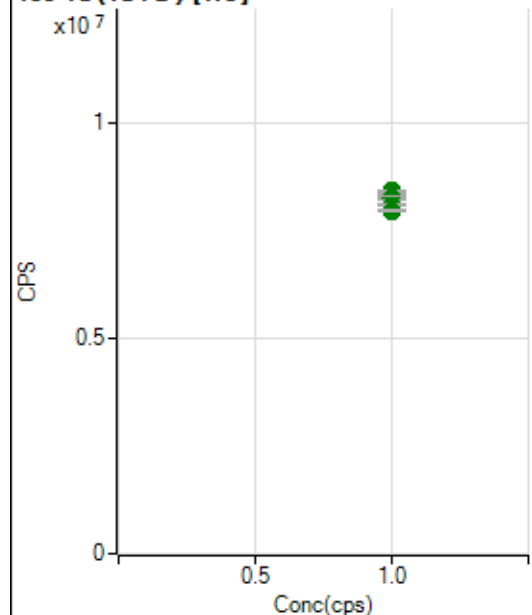
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12692983.65		A	0.4
2	☐	1.000					
3	☐	1.000		12977281.60		A	0.5
4	☐	1.000		13016396.66		A	0.9
5	☐	1.000		12642727.66		A	1.4
6	☐	1.000		12511483.57		A	0.7
7	☐	1.000		11518801.04		A	6.7
8	☐	1.000		11831676.42		A	0.3
9	☐	1.000		11211446.68		A	0.6

115 In (ISTD) [He]

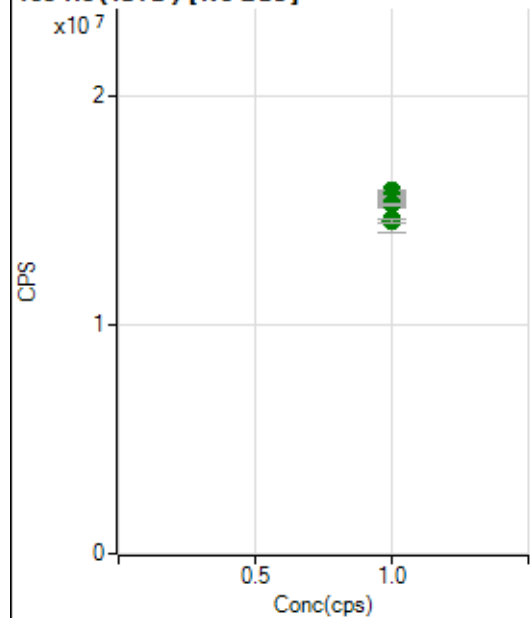
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2711049.04		P	0.3
2	☐	1.000					
3	☐	1.000		2778700.97		P	0.3
4	☐	1.000		2750178.20		P	0.1
5	☐	1.000		2753654.64		P	0.4
6	☐	1.000		2647037.16		P	0.9
7	☐	1.000		2575784.70		P	1.7
8	☐	1.000		2508624.25		P	0.3
9	☐	1.000		2492689.51		P	0.7

159 Tb (ISTD) [No Gas]

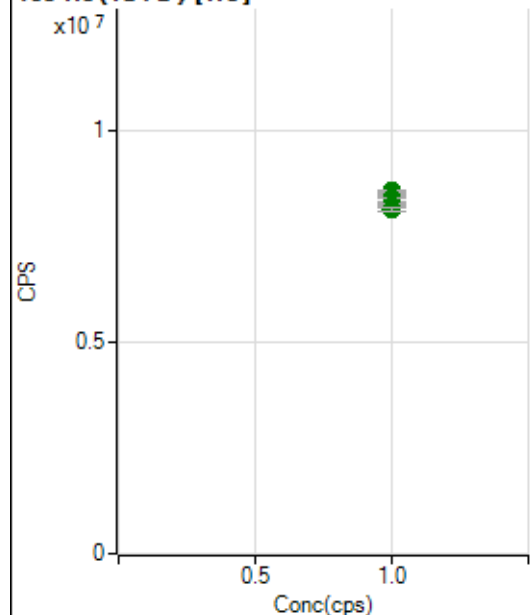
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15981160.32		A	0.3
2	☐	1.000					
3	☐	1.000		16396267.25		A	0.5
4	☐	1.000		16505479.34		A	0.3
5	☐	1.000		16175381.15		A	1.6
6	☐	1.000		16260451.29		A	0.4
7	☐	1.000		15061140.33		A	6.6
8	☐	1.000		15855867.54		A	0.3
9	☐	1.000		15049612.97		A	0.3

159 Tb (ISTD) [He]

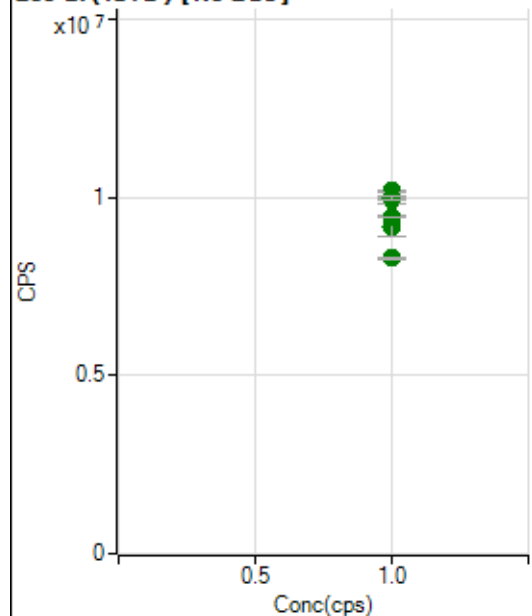
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8270316.62		A	0.3
2	☐	1.000					
3	☐	1.000		8353283.00		A	0.3
4	☐	1.000		8371281.61		A	0.5
5	☐	1.000		8439963.90		A	0.3
6	☐	1.000		8288499.88		A	1.0
7	☐	1.000		8080518.84		A	1.7
8	☐	1.000		8110680.43		A	0.3
9	☐	1.000		7970328.14		A	0.5

165 Ho (ISTD) [No Gas]

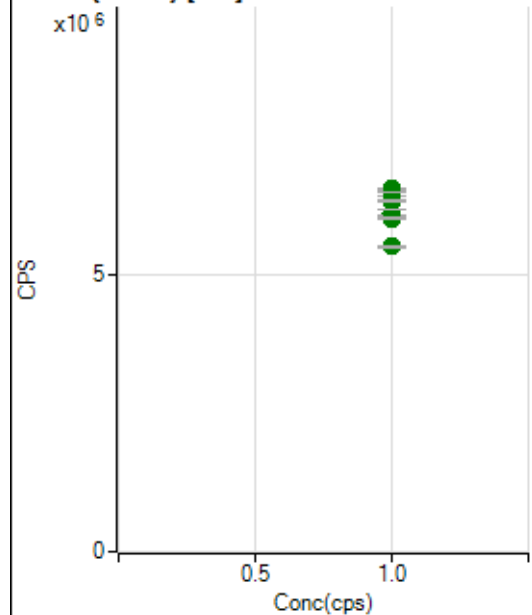
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15422674.48		A	0.3
2	☐	1.000					
3	☐	1.000		15684554.52		A	0.4
4	☐	1.000		15845427.79		A	0.2
5	☐	1.000		15584205.91		A	1.3
6	☐	1.000		15564188.02		A	0.6
7	☐	1.000		14573873.50		A	7.2
8	☐	1.000		15249834.20		A	0.5
9	☐	1.000		14531819.60		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8278726.82		A	0.3
2	☐	1.000					
3	☐	1.000		8429349.32		A	0.3
4	☐	1.000		8468059.25		A	0.4
5	☐	1.000		8560830.43		A	0.4
6	☐	1.000		8396232.58		A	0.3
7	☐	1.000		8218139.95		A	1.7
8	☐	1.000		8235522.10		A	0.4
9	☐	1.000		8117914.88		A	1.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9951717.91		A	0.5
2	☐	1.000					
3	☐	1.000		10178185.06		A	0.8
4	☐	1.000		10139071.52		A	0.4
5	☐	1.000		9904882.28		A	1.8
6	☐	1.000		9978124.64		A	1.1
7	☐	1.000		9189748.40		A	6.7
8	☐	1.000		9443171.66		A	0.2
9	☐	1.000		8299273.28		A	0.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6422464.97		A	0.5
2	☐	1.000					
3	☐	1.000		6552396.57		A	0.5
4	☐	1.000		6510709.76		A	0.4
5	☐	1.000		6496136.15		A	0.3
6	☐	1.000		6331943.24		A	0.9
7	☐	1.000		6121019.70		A	1.6
8	☐	1.000		6022041.85		A	0.2
9	☐	1.000		5505412.70		A	0.3

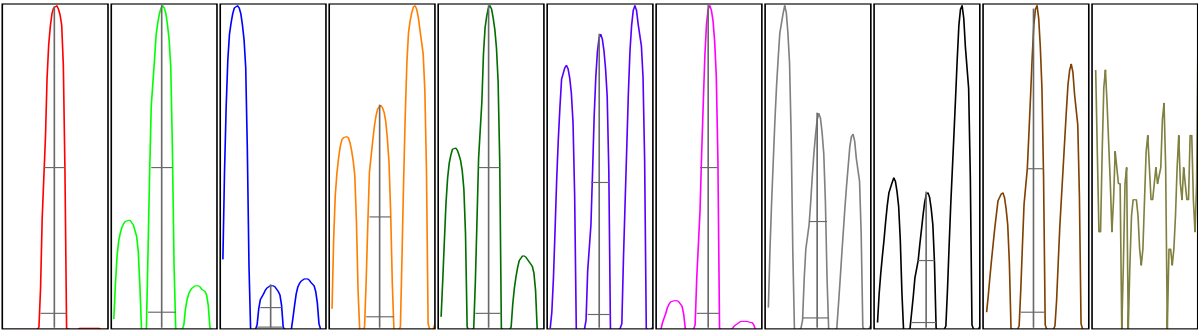
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P70722318MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]				
Mass	Count	RSD%	RSD%	RSD%
	(Mean)	(Actual)	(Required)	(Flag)
9	10757	0.59	5.00	
24	165455	0.51	5.00	
25	21953	0.53	5.00	
26	25549	0.36	5.00	
59	97327	0.67	5.00	
113	12425	0.94	5.00	
115	149733	1.22	5.00	
206	34428	0.73	5.00	
207	30854	0.63	5.00	
208	72395	0.47	5.00	
220	0	26.77		

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
9	10666	10792	10833	10733	10760
24	165059	166596	165759	165521	164338
25	21927	22058	22087	21825	21866
26	25542	25681	25593	25470	25459
59	97809	97976	97572	96481	96799
113	12539	12534	12430	12355	12267
115	151203	151178	150784	147621	147880
206	34392	34766	34598	34181	34203
207	31009	31067	30866	30591	30735
208	72705	72746	72415	71994	72113
220	0	1	0	0	1

Integration Time [sec] = 0.1



Mass	Peak	Axis	Axis	Axis	Width-X%	Width-X%	Width-
	Height	(Actual)	(Required)	(Flag)	(Actual)	(Required)	X% (Flag)
9	17897	9.00	8.9 - 9.1		0.777	0.900	
24	264453	23.95	23.9 - 24.1		0.827	0.900	
25	35534	24.95	24.9 - 25.1		0.780	0.900	
26	41169	25.95	25.9 - 26.1		0.826	0.900	
59	166686	58.95	58.9 - 59.1		0.778	0.900	
113	24869	113.00	112.9 - 113.1		0.690	0.900	
115	302877	115.00	114.9 - 115.1		0.683	0.900	
206	70521	206.00	205.9 - 206.1		0.737	0.900	
207	63911	207.00	206.9 - 207.1		0.725	0.900	
208	149420	207.95	207.9 - 208.1		0.726	0.900	
220			-				

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	7.6	V	Deflect	14.8	V
Extract 2	-125.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-60	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	190	V			

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	25393	3.48	
89	58588	3.32	
205	32401	3.27	

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
59	25800	25750	25801	25799	23813
89	59557	59229	59251	59776	55129
205	32880	32605	33065	32929	30528

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	9.0	V	Deflect	2.2	V
Extract 2	-180.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-85	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	200	V			

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:27:48	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.06	0.06	0.00	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.01	0.00	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	137-1	-0.01	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.18	-0.35	0.17	0.00	N/A	ppb
Boron	11-1	0.08	-0.01	-0.08	0.00	N/A	ppb
Cadmium	111-1	0.01	0.02	-0.03	0.00	N/A	ppb
Cadmium	106-1	0.25	0.46	-0.71	0.00	N/A	ppb
Cadmium	108-1	-0.04	0.00	0.04	0.00	N/A	ppb
Calcium	43-1	2.49	-0.32	-2.17	0.00	N/A	ppb
Calcium	44-1	0.38	-0.11	-0.27	0.00	N/A	ppb
Chromium	52-2	0.02	0.00	-0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.00	0.00	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	0.02	-0.01	-0.01	0.00	N/A	ppb
Iron	57-2	-0.22	0.39	-0.17	0.00	N/A	ppb
Lead	206-1	0.01	-0.01	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	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.01	0.05	-0.04	0.00	N/A	ppb
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:27:48	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.02	-0.02	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.01	-0.01	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	-5.07	13.82	3.18	3.98	238.16	ppb
Potassium	39-2	2.88	1.23	-4.11	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	-0.65	0.03	0.62	0.00	N/A	ppb
Selenium	82-1	-0.21	0.23	-0.01	0.00	N/A	ppb
Silicon	28-1	0.26	-0.11	-0.16	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	0.14	0.38	-0.52	0.00	N/A	ppb
Strontium	86-1	0.00	0.01	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	43.96	64.46	76.76	61.73	26.84	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	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	-0.01	-0.01	0.02	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	0.05	-0.03	-0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	0.01	-0.01	0.00	N/A	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:27:48	DataFile Name :	003CALB.d

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

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:36:03	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.40	19.00	17.79	18.73	4.47	ppb
Antimony	121-1	1.94	1.89	1.99	1.94	2.69	ppb
Arsenic	75-2	0.97	1.13	1.10	1.06	8.22	ppb
Barium	135-1	9.56	9.78	9.85	9.73	1.56	ppb
Barium	137-1	9.54	9.61	9.56	9.57	0.39	ppb
Beryllium	9-1	1.04	0.95	0.90	0.96	6.91	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	21.32	20.09	22.32	21.24	5.25	ppb
Boron	11-1	20.92	21.96	22.68	21.85	4.04	ppb
Cadmium	111-1	1.07	1.03	1.10	1.07	3.42	ppb
Cadmium	106-1	1.14	1.30	3.04	1.83	57.76	ppb
Cadmium	108-1	0.95	1.11	0.98	1.01	8.28	ppb
Calcium	43-1	461.80	454.01	471.68	462.50	1.92	ppb
Calcium	44-1	459.06	462.05	461.86	460.99	0.36	ppb
Chromium	52-2	2.07	2.09	2.09	2.08	0.56	ppb
Cobalt	59-2	0.99	0.99	0.98	0.99	0.64	ppb
Copper	63-2	2.04	1.98	1.96	1.99	2.08	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				102		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	49.57	49.87	49.64	49.69	0.32	ppb
Iron	57-2	51.10	50.65	48.07	49.94	3.28	ppb
Lead	206-1	0.98	0.95	1.00	0.98	2.76	ppb
Lead	207-1	0.94	0.96	0.97	0.96	1.59	ppb
Lead	208-1	0.96	0.96	0.98	0.97	1.22	ppb
Lithium	6-1				105		%
Magnesium	24-2	466.44	471.45	471.48	469.79	0.62	ppb
Manganese	55-2	1.00	0.98	0.92	0.97	4.34	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:36:03	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.60	5.00	4.80	4.80	4.18	ppb
Molybdenum	95-1	4.86	4.63	4.70	4.73	2.44	ppb
Molybdenum	96-1	4.83	4.88	4.79	4.84	0.97	ppb
Molybdenum	97-1	4.85	4.86	4.85	4.85	0.17	ppb
Molybdenum	98-1	4.69	4.78	4.67	4.71	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.94	0.91	1.03	0.96	6.20	ppb
Phosphorus	31-2	-14.75	2.60	0.22	-3.98		ppb
Potassium	39-2	464.98	455.20	455.77	458.65	1.20	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	4.50	4.79	5.03	4.77	5.53	ppb
Selenium	78-2	5.05	5.39	4.70	5.05	6.86	ppb
Selenium	82-1	4.83	5.78	4.85	5.15	10.58	ppb
Silicon	28-1	8.33	8.51	9.87	8.90	9.49	ppb
Silver	109-1	0.99	1.03	1.05	1.02	3.09	ppb
Silver	107-1	1.00	1.04	1.02	1.02	2.31	ppb
Sodium	23-2	470.80	476.82	474.74	474.12	0.65	ppb
Strontium	86-1	0.94	1.00	0.94	0.96	3.84	ppb
Strontium	88-1	0.98	0.98	0.92	0.96	3.28	ppb
Sulfur	34-1	-108.69	-96.74	20.25	-61.73		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.95	0.95	0.93	0.94	1.64	ppb
Thallium	205-1	0.90	0.93	0.96	0.93	3.42	ppb
Tin	118-1	4.84	4.83	4.88	4.85	0.53	ppb
Titanium	47-1	4.87	4.93	5.00	4.93	1.26	ppb
Uranium	238-1	0.88	0.92	0.94	0.91	3.09	ppb
Vanadium	51-2	4.74	4.73	4.56	4.68	2.18	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	2.47	2.24	2.34	2.35	4.93	ppb
Zirconium	90-1	0.99	0.92	0.97	0.96	3.94	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:36:03	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.01	0.98	0.97	0.99	2.09	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:39:56	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	978.95	981.17	983.51	981.21	0.23	ppb
Antimony	121-1	50.82	50.77	50.47	50.68	0.37	ppb
Arsenic	75-2	51.81	51.31	49.90	51.00	1.94	ppb
Barium	135-1	253.09	252.79	252.75	252.88	0.07	ppb
Barium	137-1	253.35	252.78	253.50	253.21	0.15	ppb
Beryllium	9-1	50.44	50.65	51.14	50.74	0.71	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	46.32	47.91	48.66	47.63	2.51	ppb
Boron	11-1	46.60	47.52	49.10	47.74	2.65	ppb
Cadmium	111-1	54.02	54.31	54.08	54.14	0.29	ppb
Cadmium	106-1	53.16	53.54	55.46	54.05	2.28	ppb
Cadmium	108-1	55.45	55.17	54.28	54.97	1.12	ppb
Calcium	43-1	4952.73	4888.58	4980.51	4940.61	0.95	ppb
Calcium	44-1	4869.62	4858.53	4915.17	4881.11	0.61	ppb
Chromium	52-2	51.15	51.37	50.84	51.12	0.53	ppb
Cobalt	59-2	51.28	51.88	51.09	51.42	0.80	ppb
Copper	63-2	104.86	104.03	104.16	104.35	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				103		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	2549.64	2548.93	2541.78	2546.78	0.17	ppb
Iron	57-2	2596.98	2589.47	2586.64	2591.03	0.21	ppb
Lead	206-1	49.35	49.17	49.69	49.41	0.53	ppb
Lead	207-1	49.32	49.51	49.07	49.30	0.45	ppb
Lead	208-1	49.12	49.31	49.38	49.27	0.27	ppb
Lithium	6-1				104		%
Magnesium	24-2	4983.89	4955.52	4980.54	4973.32	0.31	ppb
Manganese	55-2	101.75	102.24	101.20	101.73	0.51	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:39:56	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	245.37	245.95	247.27	246.20	0.40	ppb
Molybdenum	95-1	246.13	244.41	247.05	245.87	0.55	ppb
Molybdenum	96-1	246.71	243.95	243.93	244.86	0.65	ppb
Molybdenum	97-1	246.67	244.96	245.78	245.80	0.35	ppb
Molybdenum	98-1	246.50	244.68	246.47	245.88	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.70	52.95	52.49	52.71	0.43	ppb
Phosphorus	31-2	1055.61	1027.93	997.81	1027.12	2.81	ppb
Potassium	39-2	2427.84	2403.34	2408.83	2413.33	0.53	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	56.69	52.20	57.59	55.49	5.20	ppb
Selenium	78-2	52.99	54.29	55.42	54.24	2.24	ppb
Selenium	82-1	53.74	54.11	54.70	54.18	0.89	ppb
Silicon	28-1	47.79	48.87	50.00	48.89	2.26	ppb
Silver	109-1	52.84	53.50	52.80	53.04	0.74	ppb
Silver	107-1	52.99	53.09	52.83	52.97	0.26	ppb
Sodium	23-2	4901.93	4911.64	4895.41	4902.99	0.17	ppb
Strontium	86-1	50.53	50.16	50.16	50.28	0.43	ppb
Strontium	88-1	49.56	49.67	49.79	49.67	0.24	ppb
Sulfur	34-1	938.95	1050.50	1035.55	1008.33	6.00	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	48.34	48.89	48.90	48.71	0.65	ppb
Thallium	205-1	48.55	48.94	48.87	48.78	0.43	ppb
Tin	118-1	51.23	50.97	50.60	50.93	0.63	ppb
Titanium	47-1	250.72	251.09	251.79	251.20	0.22	ppb
Uranium	238-1	46.82	46.80	47.72	47.11	1.11	ppb
Vanadium	51-2	50.60	50.16	50.69	50.48	0.55	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	107.95	107.25	106.17	107.12	0.84	ppb
Zirconium	90-1	48.78	48.62	49.58	48.99	1.05	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:39:56	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	50.48	49.60	49.80	49.96	0.92	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:44:05	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2438.87	2430.13	2422.33	2430.44	0.34	ppb
Antimony	121-1	125.66	129.22	129.31	128.06	1.63	ppb
Arsenic	75-2	128.11	128.06	128.45	128.21	0.17	ppb
Barium	135-1	629.47	642.05	642.19	637.91	1.14	ppb
Barium	137-1	625.62	640.17	641.00	635.60	1.36	ppb
Beryllium	9-1	126.33	128.61	132.09	129.01	2.25	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	118.87	121.13	126.93	122.31	3.40	ppb
Boron	11-1	115.57	120.24	125.61	120.47	4.17	ppb
Cadmium	111-1	132.57	135.55	136.37	134.83	1.48	ppb
Cadmium	106-1	129.84	133.20	138.67	133.90	3.33	ppb
Cadmium	108-1	128.55	135.59	132.83	132.33	2.68	ppb
Calcium	43-1	12229.88	12483.62	12360.32	12357.94	1.03	ppb
Calcium	44-1	12089.49	12389.85	12355.36	12278.23	1.34	ppb
Chromium	52-2	127.19	126.77	127.82	127.26	0.41	ppb
Cobalt	59-2	127.36	128.17	128.42	127.99	0.43	ppb
Copper	63-2	258.70	259.45	260.88	259.68	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				101		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	6403.24	6365.81	6430.21	6399.75	0.51	ppb
Iron	57-2	6427.14	6457.56	6483.79	6456.16	0.44	ppb
Lead	206-1	123.46	125.10	127.01	125.19	1.42	ppb
Lead	207-1	123.17	124.62	127.38	125.06	1.71	ppb
Lead	208-1	122.61	124.73	126.89	124.74	1.72	ppb
Lithium	6-1				100		%
Magnesium	24-2	12361.64	12306.69	12272.99	12313.77	0.36	ppb
Manganese	55-2	252.70	252.95	255.57	253.74	0.63	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:44:05	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	613.72	633.92	625.78	624.47	1.63	ppb
Molybdenum	95-1	612.92	631.93	627.11	623.99	1.58	ppb
Molybdenum	96-1	611.02	628.11	622.75	620.63	1.41	ppb
Molybdenum	97-1	615.85	632.84	630.99	626.56	1.49	ppb
Molybdenum	98-1	615.96	631.24	627.15	624.78	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	130.68	129.13	130.54	130.12	0.66	ppb
Phosphorus	31-2	2585.43	2550.04	2690.43	2608.63	2.80	ppb
Potassium	39-2	5972.48	5963.84	5977.68	5971.33	0.12	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	145.24	134.47	132.17	137.30	5.08	ppb
Selenium	78-2	132.88	134.20	136.36	134.48	1.30	ppb
Selenium	82-1	132.68	135.34	137.24	135.09	1.70	ppb
Silicon	28-1	123.33	132.08	133.90	129.77	4.35	ppb
Silver	109-1	128.99	133.40	133.42	131.93	1.93	ppb
Silver	107-1	128.95	133.03	133.21	131.73	1.83	ppb
Sodium	23-2	12227.67	12176.52	12155.98	12186.72	0.30	ppb
Strontium	86-1	125.71	130.79	128.34	128.28	1.98	ppb
Strontium	88-1	121.20	125.67	125.38	124.09	2.01	ppb
Sulfur	34-1	2197.44	2527.19	2609.10	2444.57	8.91	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	122.03	123.49	126.97	124.16	2.04	ppb
Thallium	205-1	121.93	124.89	126.21	124.34	1.76	ppb
Tin	118-1	125.47	129.79	129.35	128.20	1.85	ppb
Titanium	47-1	619.71	636.72	634.68	630.37	1.47	ppb
Uranium	238-1	117.83	120.88	121.50	120.07	1.64	ppb
Vanadium	51-2	124.52	126.16	126.14	125.61	0.75	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	264.13	267.03	267.34	266.17	0.66	ppb
Zirconium	90-1	122.63	124.64	124.85	124.04	0.99	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:44:05	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	124.40	127.86	128.72	126.99	1.80	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:47:52	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4894.34	4837.45	4805.36	4845.72	0.93	ppb
Antimony	121-1	247.49	248.59	246.07	247.38	0.51	ppb
Arsenic	75-2	255.39	253.50	252.82	253.90	0.53	ppb
Barium	135-1	1238.56	1238.95	1215.30	1230.93	1.10	ppb
Barium	137-1	1244.22	1236.06	1217.38	1232.56	1.12	ppb
Beryllium	9-1	252.71	252.70	246.60	250.67	1.41	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	234.45	240.26	242.95	239.22	1.82	ppb
Boron	11-1	241.55	240.21	243.25	241.67	0.63	ppb
Cadmium	111-1	258.69	258.59	256.90	258.06	0.39	ppb
Cadmium	106-1	255.31	250.44	253.36	253.03	0.97	ppb
Cadmium	108-1	253.73	254.55	253.11	253.80	0.28	ppb
Calcium	43-1	24007.55	23986.85	23814.80	23936.40	0.44	ppb
Calcium	44-1	24147.11	24083.68	23790.13	24006.97	0.79	ppb
Chromium	52-2	256.62	252.60	251.71	253.65	1.03	ppb
Cobalt	59-2	255.66	253.77	254.85	254.76	0.37	ppb
Copper	63-2	512.93	514.55	505.69	511.05	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	12929.65	12821.26	12753.53	12834.81	0.69	ppb
Iron	57-2	12966.22	12885.11	12825.02	12892.12	0.55	ppb
Lead	206-1	246.37	240.26	240.82	242.48	1.39	ppb
Lead	207-1	244.33	241.44	240.19	241.98	0.88	ppb
Lead	208-1	243.52	241.34	239.68	241.51	0.80	ppb
Lithium	6-1				98		%
Magnesium	24-2	24769.22	24753.84	24703.65	24742.24	0.14	ppb
Manganese	55-2	511.46	509.03	504.33	508.28	0.71	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:47:52	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1231.25	1240.59	1228.95	1233.60	0.50	ppb
Molybdenum	95-1	1239.40	1238.22	1221.97	1233.20	0.79	ppb
Molybdenum	96-1	1228.48	1236.74	1217.90	1227.71	0.77	ppb
Molybdenum	97-1	1233.92	1233.06	1228.96	1231.98	0.21	ppb
Molybdenum	98-1	1231.79	1241.01	1224.89	1232.56	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	260.48	259.34	259.00	259.61	0.30	ppb
Phosphorus	31-2	5229.39	5124.30	5036.22	5129.97	1.89	ppb
Potassium	39-2	11863.75	11895.00	11788.53	11849.09	0.46	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	237.55	274.94	270.56	261.02	7.83	ppb
Selenium	78-2	252.49	257.42	256.03	255.32	1.00	ppb
Selenium	82-1	257.58	259.94	259.86	259.13	0.52	ppb
Silicon	28-1	260.01	262.43	263.92	262.12	0.75	ppb
Silver	109-1	252.33	251.47	248.04	250.61	0.91	ppb
Silver	107-1	252.83	250.78	248.01	250.54	0.97	ppb
Sodium	23-2	24423.68	24436.74	24317.39	24392.60	0.27	ppb
Strontium	86-1	251.09	250.08	249.29	250.16	0.36	ppb
Strontium	88-1	246.43	247.77	243.91	246.04	0.80	ppb
Sulfur	34-1	4821.31	4717.38	4669.36	4736.02	1.64	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	244.40	240.26	238.61	241.09	1.24	ppb
Thallium	205-1	246.20	241.88	240.12	242.73	1.29	ppb
Tin	118-1	248.97	247.95	246.06	247.66	0.60	ppb
Titanium	47-1	1227.30	1231.19	1225.45	1227.98	0.24	ppb
Uranium	238-1	240.19	239.54	236.30	238.68	0.87	ppb
Vanadium	51-2	252.94	252.51	249.76	251.73	0.69	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	529.53	522.90	525.94	526.13	0.63	ppb
Zirconium	90-1	244.71	246.23	243.55	244.83	0.55	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:47:52	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	247.58	251.49	247.06	248.71	0.97	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:51:36	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9645.50	9612.11	9477.27	9578.29	0.93	ppb
Antimony	121-1	498.89	503.30	571.14	524.44	7.72	ppb
Arsenic	75-2	512.87	498.33	494.18	501.79	1.96	ppb
Barium	135-1	2476.34	2504.50	2852.08	2610.97	8.02	ppb
Barium	137-1	2468.15	2510.09	2839.13	2605.79	7.80	ppb
Beryllium	9-1	499.27	500.13	571.44	523.62	7.91	ppb
Bismuth	209-1				92		%
Bismuth	209-2				95		%
Boron	10-1	494.04	487.00	571.05	517.36	9.01	ppb
Boron	11-1	485.35	495.96	567.84	516.38	8.69	ppb
Cadmium	111-1	508.70	508.12	582.41	533.07	8.01	ppb
Cadmium	106-1	503.14	511.93	587.32	534.13	8.66	ppb
Cadmium	108-1	504.20	511.45	581.05	532.23	7.97	ppb
Calcium	43-1	48317.82	48138.31	55014.83	50490.32	7.76	ppb
Calcium	44-1	48320.18	48373.81	54784.64	50492.88	7.36	ppb
Chromium	52-2	508.58	503.51	497.05	503.05	1.15	ppb
Cobalt	59-2	511.81	504.55	496.49	504.28	1.52	ppb
Copper	63-2	1020.31	1001.32	994.79	1005.47	1.32	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				99		%
Indium	115-1				91		%
Indium	115-2				95		%
Iron	56-2	26040.11	25580.50	25363.22	25661.28	1.35	ppb
Iron	57-2	26017.05	25627.74	25382.75	25675.85	1.25	ppb
Lead	206-1	487.87	485.85	555.14	509.62	7.74	ppb
Lead	207-1	485.67	480.34	552.01	506.01	7.89	ppb
Lead	208-1	489.44	486.16	558.38	511.33	7.98	ppb
Lithium	6-1				89		%
Magnesium	24-2	49898.49	48909.18	48430.36	49079.34	1.53	ppb
Manganese	55-2	1027.73	1001.04	999.21	1009.33	1.58	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:51:36	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2455.58	2464.51	2825.13	2581.74	8.17	ppb
Molybdenum	95-1	2459.23	2465.36	2816.94	2580.51	7.94	ppb
Molybdenum	96-1	2464.68	2481.99	2816.11	2587.60	7.66	ppb
Molybdenum	97-1	2468.32	2487.79	2803.38	2586.50	7.27	ppb
Molybdenum	98-1	2473.33	2487.23	2819.51	2593.35	7.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.09	508.02	502.35	509.82	1.67	ppb
Phosphorus	31-2	10130.93	10115.03	9827.60	10024.52	1.70	ppb
Potassium	39-2	24054.26	23798.62	23640.40	23831.09	0.88	ppb
Rhodium	103-1				88		%
Rhodium	103-2				93		%
Scandium	45-1				91		%
Scandium	45-2				95		%
Selenium	77-2	500.60	527.60	487.58	505.26	4.04	ppb
Selenium	78-2	521.42	506.31	495.71	507.82	2.54	ppb
Selenium	82-1	498.93	502.98	575.29	525.74	8.17	ppb
Silicon	28-1	497.57	506.75	594.93	533.08	10.08	ppb
Silver	109-1	503.11	509.35	579.25	530.57	7.97	ppb
Silver	107-1	505.95	506.98	579.16	530.70	7.91	ppb
Sodium	23-2	49381.28	48643.12	48175.02	48733.14	1.25	ppb
Strontium	86-1	496.24	497.71	569.18	521.04	8.00	ppb
Strontium	88-1	492.76	497.22	567.58	519.19	8.08	ppb
Sulfur	34-1	9978.80	9877.05	12318.64	10724.83	12.88	ppb
Terbium	159-1				94		%
Terbium	159-2				98		%
Thallium	203-1	493.00	494.27	565.36	517.54	8.00	ppb
Thallium	205-1	494.82	492.42	564.10	517.11	7.87	ppb
Tin	118-1	492.65	496.90	569.98	519.84	8.36	ppb
Titanium	47-1	2464.47	2457.53	2811.06	2577.69	7.84	ppb
Uranium	238-1	490.18	489.68	556.20	512.02	7.47	ppb
Vanadium	51-2	509.02	503.41	497.29	503.24	1.17	ppb
Yttrium	89-1				92		%
Yttrium	89-2				96		%
Zinc	66-2	1034.21	1018.22	1009.01	1020.48	1.25	ppb
Zirconium	90-1	493.98	490.91	565.65	516.84	8.18	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:51:36	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	497.71	491.69	565.54	518.31	7.91	ppb

LB Number : LB96824 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 13:55:19 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18907.08	18981.34	18952.64	18947.02	0.20	ppb
Antimony	121-1	979.83	988.77	995.44	988.02	0.79	ppb
Arsenic	75-2	999.82	997.59	995.62	997.68	0.21	ppb
Barium	135-1	4916.90	4952.35	4973.32	4947.52	0.58	ppb
Barium	137-1	4912.28	4948.89	4988.78	4949.98	0.77	ppb
Beryllium	9-1	978.83	982.79	1000.83	987.49	1.19	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Boron	10-1	973.02	998.30	1012.37	994.56	2.01	ppb
Boron	11-1	972.61	997.56	1013.77	994.65	2.08	ppb
Cadmium	111-1	976.96	977.83	985.24	980.01	0.46	ppb
Cadmium	106-1	966.72	984.50	991.36	980.86	1.30	ppb
Cadmium	108-1	978.59	977.04	989.67	981.77	0.70	ppb
Calcium	43-1	96037.36	94914.27	95794.14	95581.92	0.62	ppb
Calcium	44-1	96239.78	96502.07	96811.36	96517.74	0.30	ppb
Chromium	52-2	996.14	995.55	999.99	997.23	0.24	ppb
Cobalt	59-2	997.65	991.76	999.26	996.22	0.40	ppb
Copper	63-2	1988.83	1987.82	2002.57	1993.07	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				93		%
Indium	115-2				93		%
Iron	56-2	51117.74	50783.65	50803.39	50901.59	0.37	ppb
Iron	57-2	50319.34	50419.59	50533.02	50423.98	0.21	ppb
Lead	206-1	993.13	997.96	1000.14	997.07	0.36	ppb
Lead	207-1	991.84	1007.52	997.73	999.03	0.79	ppb
Lead	208-1	991.78	1001.06	996.74	996.53	0.47	ppb
Lithium	6-1				90		%
Magnesium	24-2	96826.44	97062.28	97584.74	97157.82	0.40	ppb
Manganese	55-2	1986.20	1994.45	1997.50	1992.71	0.29	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:55:19	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4962.90	4960.85	4966.71	4963.49	0.06	ppb
Molybdenum	95-1	4954.13	4966.09	4972.62	4964.28	0.19	ppb
Molybdenum	96-1	4971.69	4958.61	4957.43	4962.58	0.16	ppb
Molybdenum	97-1	4964.42	4956.88	4962.51	4961.27	0.08	ppb
Molybdenum	98-1	4951.05	4972.37	4950.32	4957.92	0.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	991.43	990.37	993.94	991.91	0.18	ppb
Phosphorus	31-2	19912.88	20025.89	19882.17	19940.31	0.38	ppb
Potassium	39-2	47734.26	47563.21	47689.71	47662.39	0.19	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	77-2	983.20	995.83	999.39	992.81	0.86	ppb
Selenium	78-2	1009.04	983.23	987.83	993.37	1.39	ppb
Selenium	82-1	977.09	984.82	988.23	983.38	0.58	ppb
Silicon	28-1	977.03	978.01	984.66	979.90	0.42	ppb
Silver	109-1	977.38	979.45	993.79	983.54	0.91	ppb
Silver	107-1	977.39	979.98	993.20	983.53	0.86	ppb
Sodium	23-2	96071.84	96637.93	97128.27	96612.68	0.55	ppb
Strontium	86-1	988.28	990.39	988.37	989.02	0.12	ppb
Strontium	88-1	986.67	994.08	993.83	991.53	0.42	ppb
Sulfur	34-1	20100.12	19462.80	19567.35	19710.09	1.73	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	995.10	989.32	996.46	993.63	0.38	ppb
Thallium	205-1	988.31	991.20	1000.70	993.40	0.65	ppb
Tin	118-1	984.04	988.91	997.71	990.22	0.70	ppb
Titanium	47-1	4966.29	4944.11	4987.39	4965.93	0.44	ppb
Uranium	238-1	991.53	1006.56	994.66	997.58	0.79	ppb
Vanadium	51-2	996.74	993.98	1002.83	997.85	0.45	ppb
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	1979.74	1983.78	1979.04	1980.85	0.13	ppb
Zirconium	90-1	994.50	989.81	994.82	993.04	0.28	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:55:19	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	990.13	991.82	990.81	990.92	0.09	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:59:04	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99655.34	100040.22	101091.67	100262.41	0.74	ppb
Antimony	121-1	1.68	1.69	1.67	1.68	0.38	ppb
Arsenic	75-2	1.61	1.67	1.60	1.62	2.23	ppb
Barium	135-1	1.39	1.26	1.31	1.32	5.22	ppb
Barium	137-1	1.48	1.44	1.37	1.43	3.70	ppb
Beryllium	9-1	0.29	0.25	0.27	0.27	6.76	ppb
Bismuth	209-1				83		%
Bismuth	209-2				86		%
Boron	10-1	46.33	43.05	38.12	42.50	9.73	ppb
Boron	11-1	46.35	41.92	38.74	42.34	9.04	ppb
Cadmium	111-1	0.44	0.39	0.40	0.41	6.92	ppb
Cadmium	106-1	1.38	1.68	1.67	1.58	10.59	ppb
Cadmium	108-1	0.40	0.36	0.50	0.42	16.60	ppb
Calcium	43-1	504394.12	498773.54	499508.18	500891.95	0.61	ppb
Calcium	44-1	502197.21	498043.54	501870.01	500703.59	0.46	ppb
Chromium	52-2	36.22	36.05	36.43	36.23	0.51	ppb
Cobalt	59-2	12.25	12.16	12.09	12.16	0.67	ppb
Copper	63-2	4.32	4.25	4.40	4.32	1.80	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				88		%
Indium	115-2				92		%
Iron	56-2	248072.53	250518.11	250607.16	249732.60	0.58	ppb
Iron	57-2	249997.68	249812.67	249655.50	249821.95	0.07	ppb
Lead	206-1	6.70	6.72	6.79	6.74	0.66	ppb
Lead	207-1	6.30	6.35	6.19	6.28	1.29	ppb
Lead	208-1	6.55	6.53	6.52	6.53	0.25	ppb
Lithium	6-1				87		%
Magnesium	24-2	499011.61	500013.92	503009.49	500678.34	0.42	ppb
Manganese	55-2	10.10	10.14	10.17	10.14	0.34	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:59:04	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	6.33	5.96	5.93	6.07	3.66	ppb
Molybdenum	95-1	8.05	8.14	7.78	7.99	2.37	ppb
Molybdenum	96-1	9.27	9.34	8.97	9.19	2.11	ppb
Molybdenum	97-1	7.76	7.97	7.91	7.88	1.36	ppb
Molybdenum	98-1	8.16	7.84	7.80	7.93	2.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.16	29.88	30.32	30.12	0.75	ppb
Phosphorus	31-2	22.02	24.99	9.17	18.73	44.90	ppb
Potassium	39-2	249397.69	249977.64	252499.30	250624.87	0.66	ppb
Rhodium	103-1				83		%
Rhodium	103-2				86		%
Scandium	45-1				93		%
Scandium	45-2				97		%
Selenium	77-2	0.32	0.63	0.32	0.42	43.53	ppb
Selenium	78-2	1.03	0.67	1.19	0.96	27.34	ppb
Selenium	82-1	1.20	1.66	0.87	1.24	31.97	ppb
Silicon	28-1	46.01	46.42	46.99	46.47	1.07	ppb
Silver	109-1	0.21	0.16	0.18	0.18	13.19	ppb
Silver	107-1	0.19	0.21	0.18	0.19	8.43	ppb
Sodium	23-2	500611.80	499448.88	502469.36	500843.35	0.30	ppb
Strontium	86-1	5.27	5.09	5.24	5.20	1.83	ppb
Strontium	88-1	5.04	4.98	5.02	5.01	0.59	ppb
Sulfur	34-1	-815.97	-791.56	-672.07	-759.87		ppb
Terbium	159-1				94		%
Terbium	159-2				96		%
Thallium	203-1	0.71	0.70	0.65	0.69	4.53	ppb
Thallium	205-1	0.69	0.65	0.66	0.67	3.28	ppb
Tin	118-1	2.22	2.15	2.12	2.17	2.35	ppb
Titanium	47-1	2.89	3.03	2.83	2.92	3.52	ppb
Uranium	238-1	0.19	0.19	0.18	0.19	3.38	ppb
Vanadium	51-2	0.44	0.41	0.40	0.42	4.60	ppb
Yttrium	89-1				93		%
Yttrium	89-2				97		%
Zinc	66-2	13.33	12.70	12.67	12.90	2.88	ppb
Zirconium	90-1	0.28	0.29	0.25	0.28	6.81	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:59:04	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.29	0.28	0.30	0.29	2.37	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 14:36:01	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	479.69	475.11	482.80	479.20	0.81	ppb
Antimony	121-1	197.24	196.29	197.58	197.03	0.34	ppb
Arsenic	75-2	205.48	209.27	205.84	206.86	1.01	ppb
Barium	135-1	101.36	100.68	100.92	100.99	0.34	ppb
Barium	137-1	100.72	100.46	99.90	100.36	0.42	ppb
Beryllium	9-1	97.84	98.21	97.78	97.95	0.24	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	485.40	490.90	511.04	495.78	2.72	ppb
Boron	11-1	482.08	490.17	508.91	493.72	2.79	ppb
Cadmium	111-1	109.40	107.77	107.87	108.35	0.84	ppb
Cadmium	106-1	191.95	188.98	193.17	191.37	1.13	ppb
Cadmium	108-1	150.97	149.83	152.87	151.22	1.02	ppb
Calcium	43-1	2192.33	2247.12	2186.26	2208.57	1.52	ppb
Calcium	44-1	2069.87	2071.76	2079.63	2073.76	0.25	ppb
Chromium	52-2	98.23	98.26	98.44	98.31	0.12	ppb
Cobalt	59-2	100.85	101.77	101.57	101.40	0.48	ppb
Copper	63-2	102.31	103.11	103.07	102.83	0.44	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				104		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	1001.24	999.87	1004.40	1001.84	0.23	ppb
Iron	57-2	1036.22	1018.18	1035.24	1029.88	0.99	ppb
Lead	206-1	196.32	196.14	194.15	195.54	0.61	ppb
Lead	207-1	189.08	188.87	186.09	188.01	0.89	ppb
Lead	208-1	192.17	191.82	190.08	191.35	0.59	ppb
Lithium	6-1				105		%
Magnesium	24-2	1174.53	1165.25	1181.15	1173.64	0.68	ppb
Manganese	55-2	98.92	98.97	99.81	99.24	0.51	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 14:36:01	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1182.12	1197.55	1185.83	1188.50	0.68	ppb
Molybdenum	95-1	534.74	537.07	532.42	534.74	0.43	ppb
Molybdenum	96-1	605.36	609.18	607.59	607.38	0.32	ppb
Molybdenum	97-1	537.16	541.19	539.64	539.33	0.38	ppb
Molybdenum	98-1	540.48	546.79	544.06	543.78	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.91	101.65	103.80	103.12	1.23	ppb
Phosphorus	31-2	-6.05	20.74	12.87	9.18	149.95	ppb
Potassium	39-2	1938.85	1937.46	1929.63	1935.31	0.26	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	77-2	208.15	224.78	219.76	217.56	3.92	ppb
Selenium	78-2	216.96	226.51	213.30	218.92	3.11	ppb
Selenium	82-1	213.43	212.21	212.44	212.69	0.31	ppb
Silicon	28-1	-10.25	-9.81	-8.82	-9.63		ppb
Silver	109-1	104.19	105.00	103.84	104.34	0.57	ppb
Silver	107-1	105.59	104.64	105.56	105.26	0.51	ppb
Sodium	23-2	1968.88	1949.18	1954.32	1957.46	0.52	ppb
Strontium	86-1	521.65	533.83	520.61	525.36	1.40	ppb
Strontium	88-1	526.12	530.76	526.36	527.74	0.49	ppb
Sulfur	34-1	-564.62	-568.43	-507.88	-546.98		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	197.17	195.00	194.78	195.65	0.67	ppb
Thallium	205-1	201.24	200.27	197.82	199.78	0.88	ppb
Tin	118-1	554.24	554.88	552.23	553.78	0.25	ppb
Titanium	47-1	531.70	533.58	535.32	533.53	0.34	ppb
Uranium	238-1	505.49	504.67	499.78	503.31	0.61	ppb
Vanadium	51-2	98.87	98.21	98.54	98.54	0.34	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	208.75	209.93	212.45	210.38	0.90	ppb
Zirconium	90-1	527.67	532.21	529.53	529.81	0.43	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 14:36:01	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	524.05	533.87	525.21	527.71	1.02	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:02:10	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.07	20.57	21.71	21.45	3.66	ppb
Antimony	121-1	2.02	1.99	2.09	2.04	2.42	ppb
Arsenic	75-2	1.12	1.09	1.07	1.09	2.29	ppb
Barium	135-1	9.43	9.67	9.38	9.49	1.63	ppb
Barium	137-1	9.50	9.76	9.55	9.61	1.45	ppb
Beryllium	9-1	1.00	0.96	0.91	0.96	4.94	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	26.38	27.74	28.74	27.62	4.28	ppb
Boron	11-1	27.44	27.43	27.57	27.48	0.29	ppb
Cadmium	111-1	1.00	0.98	1.00	0.99	1.30	ppb
Cadmium	106-1	0.70	1.42	0.61	0.91	48.33	ppb
Cadmium	108-1	1.24	1.01	0.71	0.99	26.71	ppb
Calcium	43-1	445.94	475.66	474.59	465.39	3.62	ppb
Calcium	44-1	456.82	457.38	460.01	458.07	0.37	ppb
Chromium	52-2	2.06	2.13	2.08	2.09	1.78	ppb
Cobalt	59-2	1.05	0.99	1.00	1.02	3.37	ppb
Copper	63-2	2.29	2.28	2.29	2.29	0.32	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				103		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	53.61	52.96	52.26	52.95	1.28	ppb
Iron	57-2	53.58	56.09	55.85	55.17	2.51	ppb
Lead	206-1	0.98	0.97	0.96	0.97	1.19	ppb
Lead	207-1	0.98	0.90	0.94	0.94	3.96	ppb
Lead	208-1	0.97	0.94	0.96	0.96	1.86	ppb
Lithium	6-1				102		%
Magnesium	24-2	480.67	475.00	464.98	473.55	1.68	ppb
Manganese	55-2	1.07	1.05	0.98	1.03	4.33	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:02:10	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.91	4.85	4.84	4.87	0.71	ppb
Molybdenum	95-1	4.46	4.76	4.82	4.68	4.06	ppb
Molybdenum	96-1	4.79	4.76	4.63	4.73	1.78	ppb
Molybdenum	97-1	4.78	4.95	4.64	4.79	3.19	ppb
Molybdenum	98-1	4.89	4.89	4.75	4.84	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.11	1.06	1.08	2.43	ppb
Phosphorus	31-2	26.51	-5.98	4.87	8.46	195.45	ppb
Potassium	39-2	490.00	482.94	480.00	484.32	1.06	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	77-2	6.00	7.68	3.53	5.74	36.32	ppb
Selenium	78-2	6.74	4.64	4.82	5.40	21.58	ppb
Selenium	82-1	4.84	5.38	4.88	5.04	6.02	ppb
Silicon	28-1	-1.68	-0.70	-0.65	-1.01		ppb
Silver	109-1	1.05	1.15	1.05	1.09	5.39	ppb
Silver	107-1	1.07	1.05	1.04	1.06	1.45	ppb
Sodium	23-2	505.06	497.65	495.92	499.54	0.97	ppb
Strontium	86-1	1.03	0.93	0.91	0.96	6.83	ppb
Strontium	88-1	0.98	0.97	0.98	0.98	0.37	ppb
Sulfur	34-1	-810.02	-695.43	-708.00	-737.82		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.93	0.98	0.96	0.96	2.86	ppb
Thallium	205-1	0.97	0.97	0.97	0.97	0.35	ppb
Tin	118-1	4.92	4.86	4.92	4.90	0.75	ppb
Titanium	47-1	4.86	4.69	4.90	4.81	2.26	ppb
Uranium	238-1	0.91	0.87	0.89	0.89	2.19	ppb
Vanadium	51-2	4.80	4.84	4.60	4.75	2.67	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	2.28	2.24	2.09	2.20	4.50	ppb
Zirconium	90-1	1.02	0.99	1.01	1.01	1.49	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:02:10	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.04	0.97	1.07	1.03	4.72	ppb

LB Number : LB96824 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 15:05:44 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.26	-0.05	0.14	0.11	136.82	ppb
Antimony	121-1	0.03	0.04	0.04	0.04	15.35	ppb
Arsenic	75-2	0.02	0.01	0.02	0.02	45.59	ppb
Barium	135-1	0.02	0.02	-0.01	0.01	180.74	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.02	0.01	0.01	0.02	38.85	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	10-1	4.69	4.77	4.77	4.74	0.91	ppb
Boron	11-1	4.54	4.83	4.54	4.64	3.59	ppb
Cadmium	111-1	0.03	-0.01	-0.05	-0.01		ppb
Cadmium	106-1	0.59	-0.24	-1.13	-0.26		ppb
Cadmium	108-1	-0.02	-0.06	-0.02	-0.03		ppb
Calcium	43-1	4.70	1.21	2.97	2.96	58.97	ppb
Calcium	44-1	2.04	2.36	3.05	2.48	20.86	ppb
Chromium	52-2	-0.04	-0.05	-0.05	-0.05		ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.16	0.14	0.14	0.14	7.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				106		%
Iron	56-2	0.50	0.55	0.50	0.52	6.10	ppb
Iron	57-2	1.21	0.74	-1.13	0.27	455.92	ppb
Lead	206-1	0.03	0.04	0.06	0.04	37.01	ppb
Lead	207-1	0.04	0.04	0.04	0.04	10.41	ppb
Lead	208-1	0.04	0.04	0.04	0.04	8.73	ppb
Lithium	6-1				107		%
Magnesium	24-2	0.96	0.75	0.85	0.85	12.43	ppb
Manganese	55-2	-0.01	0.00	-0.01	0.00		ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:05:44	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.05	0.02	0.03	48.48	ppb
Molybdenum	95-1	0.05	0.03	0.03	0.04	21.34	ppb
Molybdenum	96-1	0.05	0.04	0.04	0.04	14.63	ppb
Molybdenum	97-1	0.04	0.01	0.03	0.03	53.94	ppb
Molybdenum	98-1	0.04	0.03	0.04	0.04	25.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	-0.11	-0.10	-0.11		ppb
Phosphorus	31-2	-9.42	-20.30	2.15	-9.19		ppb
Potassium	39-2	6.12	-0.16	4.74	3.57	92.63	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				111		%
Scandium	45-2				110		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.34	0.26	-0.14	0.15	169.62	ppb
Selenium	82-1	-0.05	-0.24	-0.08	-0.12		ppb
Silicon	28-1	-19.57	-18.92	-18.79	-19.09		ppb
Silver	109-1	0.01	0.01	0.01	0.01	20.61	ppb
Silver	107-1	0.01	0.01	0.01	0.01	27.52	ppb
Sodium	23-2	16.16	16.30	15.75	16.07	1.80	ppb
Strontium	86-1	-0.02	-0.03	-0.02	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	27.01	ppb
Sulfur	34-1	-1101.40	-1068.88	-883.55	-1017.95		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.01	0.01	0.01	0.01	4.31	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	6.62	ppb
Tin	118-1	-0.06	-0.03	-0.06	-0.05		ppb
Titanium	47-1	0.07	0.01	0.11	0.06	81.41	ppb
Uranium	238-1	0.00	-0.01	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	49.39	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	0.08	0.10	0.09	0.09	11.30	ppb
Zirconium	90-1	0.01	0.00	0.01	0.00	69.42	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:05:44	DataFile Name :	018CCBE.d

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

LB Number : LB96824 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 15:09:18 DataFile Name : 019ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91040.52	90228.25	89931.90	90400.23	0.63	ppb
Antimony	121-1	1.19	1.25	1.28	1.24	3.70	ppb
Arsenic	75-2	0.39	0.32	0.36	0.36	10.57	ppb
Barium	135-1	1.40	1.48	1.56	1.48	5.55	ppb
Barium	137-1	1.46	1.52	1.57	1.52	3.64	ppb
Beryllium	9-1	0.29	0.28	0.27	0.28	3.01	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	4.25	4.68	4.19	4.37	6.09	ppb
Boron	11-1	4.68	4.75	4.37	4.60	4.47	ppb
Cadmium	111-1	0.41	0.47	0.33	0.40	18.07	ppb
Cadmium	106-1	-1.31	-0.98	-0.85	-1.05		ppb
Cadmium	108-1	12.37	11.76	12.59	12.24	3.51	ppb
Calcium	43-1	93154.28	93140.48	92973.95	93089.57	0.11	ppb
Calcium	44-1	95769.65	95424.17	96108.65	95767.49	0.36	ppb
Chromium	52-2	19.45	19.55	19.32	19.44	0.61	ppb
Cobalt	59-2	1.13	1.26	1.20	1.20	5.32	ppb
Copper	63-2	8.28	8.27	8.27	8.27	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				105		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	101794.17	101797.81	101588.82	101726.93	0.12	ppb
Iron	57-2	101051.88	101212.74	101734.73	101333.12	0.35	ppb
Lead	206-1	4.47	4.40	4.45	4.44	0.80	ppb
Lead	207-1	3.91	3.84	3.75	3.84	2.08	ppb
Lead	208-1	4.11	4.10	4.06	4.09	0.58	ppb
Lithium	6-1				99		%
Magnesium	24-2	96154.19	96133.78	95597.74	95961.90	0.33	ppb
Manganese	55-2	8.08	7.87	7.86	7.94	1.52	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:09:18	DataFile Name :	019ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1336.06	1349.29	1342.94	1342.76	0.49	ppb
Molybdenum	95-1	1917.58	1936.43	1919.78	1924.60	0.54	ppb
Molybdenum	96-1	1837.51	1860.27	1857.10	1851.63	0.67	ppb
Molybdenum	97-1	1910.47	1925.73	1921.53	1919.24	0.41	ppb
Molybdenum	98-1	1911.70	1931.58	1937.41	1926.89	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.15	5.14	5.18	5.15	0.42	ppb
Phosphorus	31-2	100652.94	99925.23	99132.60	99903.59	0.76	ppb
Potassium	39-2	98678.97	98286.45	97914.42	98293.28	0.39	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				108		%
Scandium	45-2				105		%
Selenium	77-2	0.59	0.29	0.00	0.29	100.06	ppb
Selenium	78-2	0.67	0.38	0.52	0.52	27.88	ppb
Selenium	82-1	0.46	0.13	0.44	0.34	54.49	ppb
Silicon	28-1	-2.34	-1.52	-1.07	-1.64		ppb
Silver	109-1	0.06	0.07	0.06	0.06	9.17	ppb
Silver	107-1	0.04	0.07	0.06	0.06	22.17	ppb
Sodium	23-2	99212.01	98887.96	98067.52	98722.49	0.60	ppb
Strontium	86-1	33.53	32.83	32.62	32.99	1.45	ppb
Strontium	88-1	32.45	32.37	32.83	32.55	0.76	ppb
Sulfur	34-1	76155.79	76074.84	76910.05	76380.23	0.60	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.04	0.05	0.05	0.05	12.15	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	2.13	ppb
Tin	118-1	0.03	0.03	0.04	0.03	15.66	ppb
Titanium	47-1	1940.39	1927.72	1955.43	1941.18	0.71	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	9.32	ppb
Vanadium	51-2	0.17	0.15	0.17	0.17	7.72	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	11.45	11.08	11.40	11.31	1.79	ppb
Zirconium	90-1	0.05	0.06	0.04	0.05	12.81	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:09:18	DataFile Name :	019ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.03	0.07	0.05	43.94	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:12:53	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89491.58	89839.56	90207.23	89846.12	0.40	ppb
Antimony	121-1	20.99	20.59	20.97	20.85	1.08	ppb
Arsenic	75-2	20.73	20.00	19.72	20.15	2.58	ppb
Barium	135-1	21.30	21.34	21.21	21.28	0.31	ppb
Barium	137-1	20.83	21.40	20.98	21.07	1.39	ppb
Beryllium	9-1	19.94	19.13	19.84	19.64	2.24	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	47.03	41.18	45.43	44.55	6.79	ppb
Boron	11-1	45.04	43.52	46.08	44.88	2.87	ppb
Cadmium	111-1	20.56	19.97	20.23	20.25	1.45	ppb
Cadmium	106-1	24.91	21.51	22.17	22.86	7.90	ppb
Cadmium	108-1	34.17	34.45	31.26	33.29	5.31	ppb
Calcium	43-1	92153.80	92494.53	92296.15	92314.83	0.19	ppb
Calcium	44-1	95615.41	95781.06	95542.22	95646.23	0.13	ppb
Chromium	52-2	38.41	39.18	39.23	38.94	1.18	ppb
Cobalt	59-2	20.52	20.79	20.88	20.73	0.92	ppb
Copper	63-2	27.74	28.48	28.19	28.14	1.33	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				105		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	100074.51	101009.63	101510.65	100864.93	0.72	ppb
Iron	57-2	99430.59	101438.88	100940.68	100603.38	1.04	ppb
Lead	206-1	24.11	24.43	24.18	24.24	0.68	ppb
Lead	207-1	22.19	22.33	22.45	22.32	0.57	ppb
Lead	208-1	23.11	23.23	22.93	23.09	0.63	ppb
Lithium	6-1				97		%
Magnesium	24-2	95143.36	96037.22	95640.61	95607.06	0.47	ppb
Manganese	55-2	26.83	27.40	27.60	27.28	1.46	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:12:53	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1431.18	1409.10	1422.93	1421.07	0.79	ppb
Molybdenum	95-1	1955.71	1941.16	1956.64	1951.17	0.44	ppb
Molybdenum	96-1	1886.38	1866.87	1887.22	1880.15	0.61	ppb
Molybdenum	97-1	1942.05	1935.56	1940.07	1939.23	0.17	ppb
Molybdenum	98-1	1955.14	1925.10	1947.30	1942.51	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.49	24.57	25.10	24.72	1.35	ppb
Phosphorus	31-2	99185.39	99067.30	98792.27	99014.99	0.20	ppb
Potassium	39-2	98078.65	98288.61	98132.54	98166.60	0.11	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				108		%
Scandium	45-2				105		%
Selenium	77-2	21.06	19.93	21.02	20.67	3.10	ppb
Selenium	78-2	20.52	22.22	22.86	21.87	5.51	ppb
Selenium	82-1	19.89	19.67	20.22	19.93	1.39	ppb
Silicon	28-1	34.83	36.61	35.92	35.78	2.51	ppb
Silver	109-1	19.10	18.76	19.11	18.99	1.04	ppb
Silver	107-1	19.09	18.92	19.02	19.01	0.46	ppb
Sodium	23-2	97827.61	98343.78	98294.90	98155.43	0.29	ppb
Strontium	86-1	73.39	73.22	73.06	73.22	0.23	ppb
Strontium	88-1	72.18	71.26	71.68	71.70	0.64	ppb
Sulfur	34-1	75244.07	76027.35	75749.28	75673.57	0.52	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	19.84	19.75	19.79	19.79	0.21	ppb
Thallium	205-1	19.88	19.82	19.78	19.83	0.27	ppb
Tin	118-1	41.84	41.23	42.04	41.70	1.02	ppb
Titanium	47-1	1948.39	1949.01	1964.23	1953.88	0.46	ppb
Uranium	238-1	40.14	39.59	39.47	39.74	0.90	ppb
Vanadium	51-2	19.72	19.53	19.75	19.67	0.61	ppb
Yttrium	89-1				109		%
Yttrium	89-2				104		%
Zinc	66-2	30.65	29.92	31.06	30.54	1.89	ppb
Zirconium	90-1	40.60	39.72	39.94	40.09	1.14	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:12:53	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	41.22	40.77	40.77	40.92	0.63	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:16:27	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51168.20	51275.58	51853.95	51432.58	0.72	ppb
Antimony	121-1	508.47	510.18	510.84	509.83	0.24	ppb
Arsenic	75-2	506.32	507.08	506.56	506.65	0.08	ppb
Barium	135-1	2565.28	2563.40	2556.92	2561.87	0.17	ppb
Barium	137-1	2546.86	2548.35	2558.17	2551.13	0.24	ppb
Beryllium	9-1	504.81	496.17	504.45	501.81	0.97	ppb
Bismuth	209-1				91		%
Bismuth	209-2				95		%
Boron	10-1	488.46	492.14	494.19	491.60	0.59	ppb
Boron	11-1	492.37	494.14	503.44	496.65	1.20	ppb
Cadmium	111-1	489.86	487.86	493.99	490.57	0.64	ppb
Cadmium	106-1	495.80	492.07	502.27	496.71	1.04	ppb
Cadmium	108-1	495.52	497.94	494.43	495.96	0.36	ppb
Calcium	43-1	242441.63	243583.40	242491.84	242838.96	0.27	ppb
Calcium	44-1	241780.08	243147.02	242342.14	242423.08	0.28	ppb
Chromium	52-2	508.38	507.78	516.79	510.98	0.99	ppb
Cobalt	59-2	490.07	485.77	493.91	489.92	0.83	ppb
Copper	63-2	933.81	928.80	944.38	935.66	0.85	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				106		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	128053.62	127111.98	129437.92	128201.17	0.91	ppb
Iron	57-2	129147.77	126939.51	130073.09	128720.13	1.25	ppb
Lead	206-1	485.85	484.82	493.86	488.18	1.01	ppb
Lead	207-1	488.01	486.33	489.57	487.97	0.33	ppb
Lead	208-1	499.15	498.57	502.13	499.95	0.38	ppb
Lithium	6-1				92		%
Magnesium	24-2	254252.09	256120.61	259073.76	256482.15	0.95	ppb
Manganese	55-2	985.34	976.05	995.66	985.68	1.00	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:16:27	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2506.45	2505.76	2519.35	2510.52	0.30	ppb
Molybdenum	95-1	2500.14	2512.52	2510.89	2507.85	0.27	ppb
Molybdenum	96-1	2495.38	2503.82	2498.50	2499.23	0.17	ppb
Molybdenum	97-1	2470.14	2508.58	2504.10	2494.28	0.84	ppb
Molybdenum	98-1	2488.48	2487.84	2508.01	2494.77	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	494.36	492.63	500.56	495.85	0.84	ppb
Phosphorus	31-2	10177.38	10121.38	10385.70	10228.15	1.36	ppb
Potassium	39-2	125413.19	125807.85	127530.84	126250.63	0.89	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	77-2	498.22	496.36	494.36	496.31	0.39	ppb
Selenium	78-2	508.04	497.31	491.11	498.82	1.72	ppb
Selenium	82-1	466.24	467.25	470.65	468.05	0.49	ppb
Silicon	28-1	458.05	470.18	470.24	466.16	1.51	ppb
Silver	109-1	504.09	501.99	503.69	503.26	0.22	ppb
Silver	107-1	508.19	506.02	507.19	507.13	0.21	ppb
Sodium	23-2	255887.47	255868.49	259617.63	257124.53	0.84	ppb
Strontium	86-1	487.20	491.61	492.81	490.54	0.60	ppb
Strontium	88-1	499.32	500.92	504.36	501.53	0.51	ppb
Sulfur	34-1	9322.03	9273.82	9038.05	9211.30	1.65	ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	511.46	509.91	515.58	512.32	0.57	ppb
Thallium	205-1	508.36	508.08	511.98	509.48	0.43	ppb
Tin	118-1	519.37	513.95	515.11	516.14	0.55	ppb
Titanium	47-1	2509.90	2501.75	2510.80	2507.48	0.20	ppb
Uranium	238-1	505.94	506.27	505.46	505.89	0.08	ppb
Vanadium	51-2	505.48	501.54	510.61	505.88	0.90	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	939.48	936.91	954.52	943.64	1.01	ppb
Zirconium	90-1	502.56	503.25	503.57	503.12	0.10	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:16:27	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	490.65	492.27	492.98	491.97	0.24	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:22:50	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.77	0.47	0.21	0.49	57.24	ppb
Antimony	121-1	0.12	0.12	0.11	0.12	7.45	ppb
Arsenic	75-2	-0.02	0.04	0.00	0.01	488.38	ppb
Barium	135-1	0.02	0.00	0.01	0.01	112.10	ppb
Barium	137-1	0.02	0.01	0.01	0.01	33.03	ppb
Beryllium	9-1	0.02	0.02	0.04	0.03	32.60	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Boron	10-1	7.93	6.57	6.20	6.90	13.21	ppb
Boron	11-1	7.79	7.03	6.93	7.25	6.45	ppb
Cadmium	111-1	-0.01	-0.05	-0.04	-0.03		ppb
Cadmium	106-1	-0.48	-1.47	-1.14	-1.03		ppb
Cadmium	108-1	0.01	-0.07	-0.04	-0.04		ppb
Calcium	43-1	-1.40	-0.69	1.08	-0.34		ppb
Calcium	44-1	3.42	2.84	1.69	2.65	33.24	ppb
Chromium	52-2	-0.05	-0.03	-0.06	-0.04		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.32	0.30	0.26	0.29	10.32	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				110		%
Holmium	165-2				106		%
Indium	115-1				114		%
Indium	115-2				104		%
Iron	56-2	1.23	1.00	1.05	1.09	10.97	ppb
Iron	57-2	-0.40	1.69	0.00	0.43	257.65	ppb
Lead	206-1	0.04	0.02	0.01	0.02	53.22	ppb
Lead	207-1	0.01	0.02	0.03	0.02	35.47	ppb
Lead	208-1	0.02	0.02	0.02	0.02	4.54	ppb
Lithium	6-1				110		%
Magnesium	24-2	1.79	2.03	1.89	1.90	6.33	ppb
Manganese	55-2	0.02	-0.01	0.01	0.01	220.79	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:22:50	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.10	0.08	0.10	0.09	6.96	ppb
Molybdenum	95-1	0.12	0.10	0.13	0.12	9.73	ppb
Molybdenum	96-1	0.12	0.09	0.11	0.11	12.19	ppb
Molybdenum	97-1	0.12	0.07	0.14	0.11	30.39	ppb
Molybdenum	98-1	0.13	0.11	0.10	0.11	10.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	-0.11	-0.10	-0.10		ppb
Phosphorus	31-2	-24.56	-1.89	-30.44	-18.96		ppb
Potassium	39-2	14.16	16.07	13.56	14.60	8.98	ppb
Rhodium	103-1				113		%
Rhodium	103-2				107		%
Scandium	45-1				115		%
Scandium	45-2				106		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.06	0.33	0.72	0.33	119.28	ppb
Selenium	82-1	-0.22	-0.39	0.09	-0.17		ppb
Silicon	28-1	-23.48	-22.71	-22.58	-22.92		ppb
Silver	109-1	0.02	0.02	0.03	0.03	6.21	ppb
Silver	107-1	0.03	0.02	0.03	0.03	14.86	ppb
Sodium	23-2	29.88	29.54	27.20	28.87	5.05	ppb
Strontium	86-1	0.01	0.03	-0.04	0.00	16775.48	ppb
Strontium	88-1	0.00	0.00	0.01	0.00	18.43	ppb
Sulfur	34-1	-1393.19	-1483.25	-1279.73	-1385.39		ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	0.04	0.03	0.03	0.03	18.31	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	13.08	ppb
Tin	118-1	-0.04	-0.01	-0.02	-0.03		ppb
Titanium	47-1	0.07	0.04	0.04	0.05	34.81	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	189.94	ppb
Yttrium	89-1				115		%
Yttrium	89-2				105		%
Zinc	66-2	0.01	0.11	0.09	0.07	75.73	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	64.20	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:22:50	DataFile Name :	022CCBE.d

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

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:26:23	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.01	20.27	20.63	19.64	7.23	ppb
Antimony	121-1	2.01	2.01	2.05	2.02	1.11	ppb
Arsenic	75-2	1.13	0.91	1.09	1.04	11.58	ppb
Barium	135-1	9.61	9.80	9.32	9.58	2.51	ppb
Barium	137-1	9.52	9.80	9.62	9.65	1.47	ppb
Beryllium	9-1	0.97	1.03	1.05	1.02	3.87	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	10-1	27.25	28.47	28.80	28.17	2.90	ppb
Boron	11-1	27.11	27.04	27.27	27.14	0.44	ppb
Cadmium	111-1	1.08	1.05	1.04	1.06	2.28	ppb
Cadmium	106-1	1.51	0.75	-0.31	0.65	140.80	ppb
Cadmium	108-1	1.01	1.08	0.81	0.97	14.58	ppb
Calcium	43-1	457.30	438.60	456.53	450.81	2.35	ppb
Calcium	44-1	455.86	455.87	456.48	456.07	0.08	ppb
Chromium	52-2	2.03	2.00	2.08	2.04	1.82	ppb
Cobalt	59-2	1.06	1.00	1.00	1.02	3.64	ppb
Copper	63-2	2.21	2.29	2.29	2.27	1.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	51.47	50.96	51.56	51.33	0.63	ppb
Iron	57-2	55.01	50.54	53.24	52.93	4.25	ppb
Lead	206-1	1.00	0.96	0.97	0.98	2.12	ppb
Lead	207-1	0.99	0.97	0.94	0.97	2.53	ppb
Lead	208-1	0.99	0.98	0.96	0.97	1.55	ppb
Lithium	6-1				105		%
Magnesium	24-2	483.24	479.20	472.18	478.21	1.17	ppb
Manganese	55-2	1.04	1.01	1.04	1.03	1.56	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:26:23	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.66	4.99	4.74	4.80	3.58	ppb
Molybdenum	95-1	4.57	4.70	4.74	4.67	1.81	ppb
Molybdenum	96-1	4.71	4.72	4.63	4.69	1.10	ppb
Molybdenum	97-1	4.61	4.69	4.83	4.71	2.39	ppb
Molybdenum	98-1	4.81	4.89	4.73	4.81	1.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	0.94	0.95	0.95	1.11	ppb
Phosphorus	31-2	-1.65	-9.29	-10.81	-7.25		ppb
Potassium	39-2	490.81	484.85	489.01	488.23	0.63	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	77-2	4.69	4.92	5.51	5.04	8.48	ppb
Selenium	78-2	5.89	5.83	5.43	5.72	4.40	ppb
Selenium	82-1	4.90	5.21	5.30	5.14	4.04	ppb
Silicon	28-1	-6.41	-7.39	-4.51	-6.11		ppb
Silver	109-1	1.08	1.00	1.07	1.05	4.13	ppb
Silver	107-1	1.04	1.08	1.01	1.04	3.58	ppb
Sodium	23-2	508.87	502.66	500.25	503.93	0.88	ppb
Strontium	86-1	0.94	1.01	0.90	0.95	5.91	ppb
Strontium	88-1	0.96	0.95	0.94	0.95	0.76	ppb
Sulfur	34-1	-886.29	-963.45	-819.93	-889.89		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.90	0.99	0.98	0.96	4.60	ppb
Thallium	205-1	0.94	0.97	0.95	0.95	1.49	ppb
Tin	118-1	4.72	4.72	4.86	4.77	1.69	ppb
Titanium	47-1	4.91	4.89	4.92	4.91	0.34	ppb
Uranium	238-1	0.85	0.86	0.86	0.86	0.51	ppb
Vanadium	51-2	4.90	4.76	4.96	4.87	2.12	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	3.33	3.51	3.47	3.44	2.72	ppb
Zirconium	90-1	0.95	0.97	1.00	0.97	2.57	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:26:23	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.04	1.00	0.91	0.98	6.63	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	PB111382BL	Instrumnet Name :	P7
Client Sample ID :	PB111382BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:29:56	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.19	-0.13	0.14	-0.06		ppb
Antimony	121-1	0.05	0.06	0.06	0.05	11.34	ppb
Arsenic	75-2	0.02	-0.01	0.02	0.01	151.09	ppb
Barium	135-1	-0.01	0.00	-0.01	-0.01		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.03	0.02	0.03	0.03	21.90	ppb
Bismuth	209-1				95		%
Bismuth	209-2				97		%
Boron	10-1	6.31	5.92	6.35	6.20	3.86	ppb
Boron	11-1	6.46	6.33	5.78	6.19	5.77	ppb
Cadmium	111-1	0.07	-0.05	0.04	0.02	344.39	ppb
Cadmium	106-1	-0.56	-1.23	0.73	-0.36		ppb
Cadmium	108-1	-0.02	-0.03	-0.05	-0.03		ppb
Calcium	43-1	4.18	0.84	-1.80	1.07	279.71	ppb
Calcium	44-1	2.72	3.04	2.82	2.86	5.60	ppb
Chromium	52-2	0.01	-0.02	-0.01	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.32	0.30	0.27	0.30	8.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	0.47	0.43	0.40	0.43	7.84	ppb
Iron	57-2	0.07	1.10	1.68	0.95	85.74	ppb
Lead	206-1	0.01	0.01	0.01	0.01	0.44	ppb
Lead	207-1	0.02	0.01	0.01	0.01	23.59	ppb
Lead	208-1	0.01	0.01	0.01	0.01	24.86	ppb
Lithium	6-1				93		%
Magnesium	24-2	0.74	1.28	1.02	1.01	26.97	ppb
Manganese	55-2	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	PB111382BL	Instrumnet Name :	P7
Client Sample ID :	PB111382BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:29:56	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.04	0.03	0.04	4.45	ppb
Molybdenum	95-1	0.03	0.04	0.04	0.03	17.23	ppb
Molybdenum	96-1	0.03	0.04	0.05	0.04	18.96	ppb
Molybdenum	97-1	0.05	0.05	0.04	0.05	13.12	ppb
Molybdenum	98-1	0.04	0.04	0.03	0.04	20.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	-0.01	-0.01		ppb
Phosphorus	31-2	-12.27	0.22	-16.78	-9.61		ppb
Potassium	39-2	19.82	20.41	20.19	20.14	1.49	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.94	0.31	0.42	114.76	ppb
Selenium	78-2	-0.03	0.78	0.77	0.51	91.22	ppb
Selenium	82-1	1.32	-0.09	0.21	0.48	154.43	ppb
Silicon	28-1	-13.89	-13.18	-13.49	-13.52		ppb
Silver	109-1	3.66	0.01	0.02	1.23	171.39	ppb
Silver	107-1	0.01	0.02	0.01	0.02	36.28	ppb
Sodium	23-2	20.45	21.14	20.09	20.56	2.61	ppb
Strontium	86-1	0.02	-0.02	0.01	0.01	366.61	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	136.95	ppb
Sulfur	34-1	-55.74	30.86	-9.41	-11.43		ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.01	0.01	0.01	0.01	13.05	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	10.87	ppb
Tin	118-1	0.00	-0.01	0.03	0.01	362.40	ppb
Titanium	47-1	0.03	0.03	0.03	0.03	8.07	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	299.12	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	-0.15	-0.16	-0.08	-0.13		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	24.84	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	PB111382BL	Instrumnet Name :	P7
Client Sample ID :	PB111382BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:29:56	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.00	0.00	0.00	347.70	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	PB111382BS	Instrumnet Name :	P7
Client Sample ID :	PB111382BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:33:29	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9471.53	9587.99	9505.94	9521.82	0.63	ppb
Antimony	121-1	510.85	498.79	511.63	507.09	1.42	ppb
Arsenic	75-2	510.11	512.92	503.19	508.74	0.98	ppb
Barium	135-1	2535.80	2482.55	2545.29	2521.21	1.34	ppb
Barium	137-1	2533.11	2489.94	2519.85	2514.30	0.88	ppb
Beryllium	9-1	467.63	464.32	470.58	467.51	0.67	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	446.17	454.45	461.71	454.11	1.71	ppb
Boron	11-1	449.79	453.49	464.64	455.97	1.70	ppb
Cadmium	111-1	500.66	491.78	500.88	497.77	1.04	ppb
Cadmium	106-1	509.79	493.82	502.64	502.08	1.59	ppb
Cadmium	108-1	501.96	491.04	502.77	498.59	1.31	ppb
Calcium	43-1	46854.18	46214.07	46453.65	46507.30	0.70	ppb
Calcium	44-1	48733.65	47641.48	48244.36	48206.50	1.13	ppb
Chromium	52-2	493.47	500.28	498.55	497.43	0.71	ppb
Cobalt	59-2	491.43	493.85	490.44	491.91	0.36	ppb
Copper	63-2	973.56	985.24	966.95	975.25	0.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	26129.56	26377.37	26117.19	26208.04	0.56	ppb
Iron	57-2	25160.47	25396.98	25130.29	25229.24	0.58	ppb
Lead	206-1	470.17	461.45	470.43	467.35	1.09	ppb
Lead	207-1	470.27	461.90	469.65	467.27	1.00	ppb
Lead	208-1	482.47	475.72	482.56	480.25	0.82	ppb
Lithium	6-1				104		%
Magnesium	24-2	50705.71	51119.69	50933.90	50919.77	0.41	ppb
Manganese	55-2	992.86	993.75	990.92	992.51	0.15	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	PB111382BS	Instrumnet Name :	P7
Client Sample ID :	PB111382BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:33:29	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2456.94	2435.74	2467.69	2453.46	0.66	ppb
Molybdenum	95-1	2463.72	2451.67	2458.14	2457.84	0.25	ppb
Molybdenum	96-1	2444.09	2446.25	2468.36	2452.90	0.55	ppb
Molybdenum	97-1	2451.06	2427.60	2451.03	2443.23	0.55	ppb
Molybdenum	98-1	2434.51	2433.28	2456.94	2441.58	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.07	502.40	494.41	498.29	0.80	ppb
Phosphorus	31-2	10043.46	10345.59	10126.27	10171.77	1.53	ppb
Potassium	39-2	24941.52	24956.58	25001.65	24966.58	0.13	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	77-2	499.56	512.42	516.01	509.33	1.70	ppb
Selenium	78-2	518.81	501.45	505.15	508.47	1.80	ppb
Selenium	82-1	479.27	477.41	487.16	481.28	1.07	ppb
Silicon	28-1	466.43	466.02	472.11	468.19	0.73	ppb
Silver	109-1	515.44	509.41	518.80	514.55	0.92	ppb
Silver	107-1	521.41	511.01	525.23	519.22	1.42	ppb
Sodium	23-2	50548.01	50772.91	50470.03	50596.99	0.31	ppb
Strontium	86-1	475.86	477.00	483.89	478.92	0.91	ppb
Strontium	88-1	489.83	491.63	496.30	492.59	0.68	ppb
Sulfur	34-1	9208.15	8834.50	8620.19	8887.61	3.35	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	497.38	488.89	497.43	494.57	0.99	ppb
Thallium	205-1	493.55	486.03	496.33	491.97	1.08	ppb
Tin	118-1	511.58	502.60	515.69	509.96	1.31	ppb
Titanium	47-1	2484.61	2432.41	2477.35	2464.79	1.15	ppb
Uranium	238-1	476.66	471.28	472.96	473.63	0.58	ppb
Vanadium	51-2	494.82	500.55	498.18	497.85	0.58	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	1015.27	1024.48	1012.39	1017.38	0.62	ppb
Zirconium	90-1	493.92	487.74	491.70	491.12	0.64	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	PB111382BS	Instrumnet Name :	P7
Client Sample ID :	PB111382BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:33:29	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	480.68	473.99	477.98	477.55	0.70	ppb

LB Number : LB96824 Operator : Jaswal
 Lab Sample ID : J4028-01 Instrumnet Name : P7
 Client Sample ID : KY030LC068-W-180716 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 15:42:21 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.46	3.94	4.24	4.21	6.24	ppb
Antimony	121-1	10.12	7.74	6.03	7.96	25.80	ppb
Arsenic	75-2	2.54	2.74	2.51	2.60	4.86	ppb
Barium	135-1	60.02	60.52	61.33	60.62	1.09	ppb
Barium	137-1	60.92	61.35	61.46	61.24	0.46	ppb
Beryllium	9-1	0.03	0.01	0.03	0.02	49.24	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	94.90	93.52	93.59	94.00	0.83	ppb
Boron	11-1	99.06	98.58	96.18	97.94	1.58	ppb
Cadmium	111-1	0.03	-0.04	0.00	0.00	4743.99	ppb
Cadmium	106-1	-1.29	-3.00	-2.24	-2.18		ppb
Cadmium	108-1	0.18	0.03	0.17	0.13	63.41	ppb
Calcium	43-1	68086.01	68002.11	67717.39	67935.17	0.28	ppb
Calcium	44-1	71039.55	71424.10	71083.23	71182.29	0.30	ppb
Chromium	52-2	0.89	0.92	0.89	0.90	1.70	ppb
Cobalt	59-2	0.14	0.13	0.12	0.13	5.66	ppb
Copper	63-2	4.38	4.26	4.44	4.36	2.09	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				97		%
Indium	115-1				116		%
Indium	115-2				107		%
Iron	56-2	10.33	10.33	10.18	10.28	0.85	ppb
Iron	57-2	167.67	167.46	168.28	167.80	0.25	ppb
Lead	206-1	0.39	0.39	0.33	0.37	10.34	ppb
Lead	207-1	0.40	0.37	0.34	0.37	8.94	ppb
Lead	208-1	0.39	0.39	0.34	0.37	7.94	ppb
Lithium	6-1				127		%
Magnesium	24-2	6912.46	6910.06	6858.06	6893.53	0.45	ppb
Manganese	55-2	18.07	18.16	18.23	18.15	0.44	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-01	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-180716	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:42:21	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.92	0.97	0.94	0.94	2.68	ppb
Molybdenum	95-1	1.22	1.20	1.14	1.19	3.51	ppb
Molybdenum	96-1	1.15	1.13	1.21	1.16	3.63	ppb
Molybdenum	97-1	1.14	1.21	1.21	1.19	3.37	ppb
Molybdenum	98-1	1.12	1.22	1.18	1.17	4.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.44	1.54	1.45	1.48	3.80	ppb
Phosphorus	31-2	84.39	97.34	93.23	91.65	7.22	ppb
Potassium	39-2	4132.83	4130.96	4111.39	4125.06	0.29	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				94		%
Selenium	77-2	1.32	2.96	1.98	2.08	39.68	ppb
Selenium	78-2	1.02	0.96	1.24	1.08	13.53	ppb
Selenium	82-1	1.30	0.84	1.13	1.09	21.50	ppb
Silicon	28-1	5872.79	5936.03	5790.01	5866.28	1.25	ppb
Silver	109-1	0.59	0.53	0.55	0.56	5.18	ppb
Silver	107-1	0.57	0.55	0.51	0.55	5.74	ppb
Sodium	23-2	19398.59	19303.33	19164.42	19288.78	0.61	ppb
Strontium	86-1	349.33	348.41	352.13	349.96	0.55	ppb
Strontium	88-1	360.42	360.05	363.03	361.17	0.45	ppb
Sulfur	34-1	8500.89	8490.58	8105.69	8365.72	2.69	ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.50	0.42	0.37	0.43	14.63	ppb
Thallium	205-1	0.50	0.43	0.40	0.44	12.52	ppb
Tin	118-1	1.52	1.49	1.61	1.54	4.02	ppb
Titanium	47-1	0.94	0.86	0.93	0.91	4.69	ppb
Uranium	238-1	0.58	0.57	0.56	0.57	1.74	ppb
Vanadium	51-2	3.95	3.84	4.07	3.95	2.84	ppb
Yttrium	89-1				100		%
Yttrium	89-2				93		%
Zinc	66-2	10.01	9.70	10.03	9.91	1.91	ppb
Zirconium	90-1	0.09	0.08	0.08	0.09	8.38	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-01	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-180716	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:42:21	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.10	0.08	0.09	12.13	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-01DUP	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-180716I	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:45:55	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.97	2.79	3.93	3.56	18.75	ppb
Antimony	121-1	3.43	3.19	3.11	3.24	5.07	ppb
Arsenic	75-2	2.43	2.68	2.41	2.51	6.07	ppb
Barium	135-1	60.24	59.88	60.22	60.11	0.34	ppb
Barium	137-1	59.93	59.91	60.39	60.08	0.46	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	8.42	ppb
Bismuth	209-1				102		%
Bismuth	209-2				95		%
Boron	10-1	90.46	94.20	94.40	93.02	2.38	ppb
Boron	11-1	93.47	97.47	94.61	95.18	2.16	ppb
Cadmium	111-1	-0.04	-0.06	-0.08	-0.06		ppb
Cadmium	106-1	-2.03	-2.57	-3.14	-2.58		ppb
Cadmium	108-1	0.09	0.02	0.00	0.03	139.49	ppb
Calcium	43-1	67389.90	68790.25	68122.56	68100.90	1.03	ppb
Calcium	44-1	70365.33	71725.81	71433.77	71174.97	1.01	ppb
Chromium	52-2	0.82	0.85	0.80	0.82	3.37	ppb
Cobalt	59-2	0.13	0.13	0.13	0.13	0.54	ppb
Copper	63-2	4.59	4.51	4.76	4.62	2.77	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				96		%
Indium	115-1				113		%
Indium	115-2				99		%
Iron	56-2	9.88	10.52	9.94	10.11	3.50	ppb
Iron	57-2	161.02	169.96	167.61	166.20	2.79	ppb
Lead	206-1	0.22	0.23	0.22	0.23	2.96	ppb
Lead	207-1	0.22	0.26	0.25	0.24	8.19	ppb
Lead	208-1	0.23	0.24	0.24	0.24	2.22	ppb
Lithium	6-1				125		%
Magnesium	24-2	6864.95	6893.98	6784.57	6847.83	0.83	ppb
Manganese	55-2	12.78	13.37	12.85	13.00	2.51	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-01DUP	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-180716I	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:45:55	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.01	0.99	0.97	0.99	2.06	ppb
Molybdenum	95-1	1.18	1.16	1.25	1.20	4.24	ppb
Molybdenum	96-1	1.12	1.04	1.08	1.08	3.47	ppb
Molybdenum	97-1	1.07	1.17	1.19	1.14	5.61	ppb
Molybdenum	98-1	1.18	1.13	1.18	1.16	2.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.37	1.41	1.52	1.43	5.64	ppb
Phosphorus	31-2	91.49	78.19	73.22	80.97	11.66	ppb
Potassium	39-2	4017.30	4054.31	4001.95	4024.52	0.67	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				85		%
Selenium	77-2	2.08	2.82	1.75	2.22	24.65	ppb
Selenium	78-2	1.34	1.17	0.91	1.14	18.79	ppb
Selenium	82-1	2.97	1.15	1.12	1.75	60.85	ppb
Silicon	28-1	5718.53	5821.04	5709.18	5749.59	1.08	ppb
Silver	109-1	0.37	0.33	0.32	0.34	7.50	ppb
Silver	107-1	0.35	0.33	0.32	0.34	4.56	ppb
Sodium	23-2	19165.17	19273.60	18966.98	19135.25	0.81	ppb
Strontium	86-1	346.47	347.82	346.51	346.94	0.22	ppb
Strontium	88-1	357.91	359.46	360.36	359.24	0.34	ppb
Sulfur	34-1	8137.12	8315.57	8096.88	8183.19	1.42	ppb
Terbium	159-1				102		%
Terbium	159-2				95		%
Thallium	203-1	0.11	0.09	0.10	0.10	7.78	ppb
Thallium	205-1	0.12	0.10	0.08	0.10	18.40	ppb
Tin	118-1	1.25	1.24	1.29	1.26	1.97	ppb
Titanium	47-1	0.89	0.98	0.87	0.91	6.69	ppb
Uranium	238-1	0.61	0.61	0.60	0.61	1.27	ppb
Vanadium	51-2	4.06	4.26	4.16	4.16	2.35	ppb
Yttrium	89-1				99		%
Yttrium	89-2				87		%
Zinc	66-2	5.04	5.55	4.84	5.15	7.02	ppb
Zirconium	90-1	0.06	0.07	0.08	0.07	9.40	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-01DUP	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-180716I	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:45:55	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.07	0.05	0.07	20.24	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-01LX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-180716L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-23 15:49:29	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.79	6.00	6.41	6.40	6.17	ppb
Antimony	121-1	0.71	0.69	0.73	0.71	2.49	ppb
Arsenic	75-2	0.53	0.47	1.11	0.70	50.18	ppb
Barium	135-1	12.01	11.79	11.91	11.90	0.89	ppb
Barium	137-1	12.29	12.16	12.37	12.28	0.86	ppb
Beryllium	9-1	0.02	0.03	0.02	0.03	33.99	ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Boron	10-1	26.26	26.97	27.82	27.02	2.89	ppb
Boron	11-1	30.16	30.15	29.58	29.96	1.11	ppb
Cadmium	111-1	-0.09	-0.12	-0.12	-0.11		ppb
Cadmium	106-1	-2.29	-3.01	-2.93	-2.75		ppb
Cadmium	108-1	-0.04	-0.01	0.01	-0.01		ppb
Calcium	43-1	13646.34	13845.81	13682.98	13725.04	0.77	ppb
Calcium	44-1	14262.62	14260.16	14177.61	14233.46	0.34	ppb
Chromium	52-2	0.20	0.17	0.19	0.19	8.62	ppb
Cobalt	59-2	0.01	0.02	0.02	0.02	20.35	ppb
Copper	63-2	1.48	1.49	1.56	1.51	3.18	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				106		%
Holmium	165-2				101		%
Indium	115-1				106		%
Indium	115-2				95		%
Iron	56-2	2.24	2.19	2.17	2.20	1.80	ppb
Iron	57-2	34.03	33.05	37.01	34.70	5.94	ppb
Lead	206-1	0.04	0.03	0.05	0.04	28.03	ppb
Lead	207-1	0.04	0.04	0.04	0.04	6.68	ppb
Lead	208-1	0.04	0.03	0.04	0.04	12.56	ppb
Lithium	6-1				104		%
Magnesium	24-2	1399.03	1377.60	1383.73	1386.79	0.80	ppb
Manganese	55-2	2.52	2.52	2.50	2.52	0.37	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-01LX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-180716I	Dilution Factor :	5
Date & Time Acquired ::	2018-07-23 15:49:29	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.17	0.18	0.15	0.17	11.04	ppb
Molybdenum	95-1	0.25	0.25	0.24	0.25	3.97	ppb
Molybdenum	96-1	0.25	0.22	0.22	0.23	8.57	ppb
Molybdenum	97-1	0.30	0.22	0.26	0.26	14.52	ppb
Molybdenum	98-1	0.26	0.25	0.24	0.25	4.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.32	0.35	0.30	16.71	ppb
Phosphorus	31-2	0.84	-6.82	-10.23	-5.40		ppb
Potassium	39-2	819.57	822.26	818.69	820.17	0.23	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				90		%
Selenium	77-2	1.31	0.66	0.00	0.66	99.72	ppb
Selenium	78-2	0.35	-0.17	0.39	0.19	163.59	ppb
Selenium	82-1	0.34	0.62	0.22	0.39	51.51	ppb
Silicon	28-1	1144.73	1151.78	1144.79	1147.10	0.35	ppb
Silver	109-1	0.10	0.11	0.11	0.11	5.97	ppb
Silver	107-1	0.12	0.11	0.10	0.11	7.13	ppb
Sodium	23-2	3704.72	3674.16	3685.05	3687.98	0.42	ppb
Strontium	86-1	69.93	69.56	69.78	69.76	0.27	ppb
Strontium	88-1	68.46	68.44	67.60	68.17	0.71	ppb
Sulfur	34-1	796.72	827.08	880.46	834.75	5.08	ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	0.03	0.02	0.03	0.03	24.09	ppb
Thallium	205-1	0.02	0.03	0.03	0.02	21.41	ppb
Tin	118-1	0.08	0.12	0.07	0.09	27.08	ppb
Titanium	47-1	0.24	0.25	0.19	0.23	12.43	ppb
Uranium	238-1	0.12	0.12	0.11	0.12	6.65	ppb
Vanadium	51-2	1.04	1.04	1.11	1.06	3.74	ppb
Yttrium	89-1				102		%
Yttrium	89-2				93		%
Zinc	66-2	1.25	1.34	1.38	1.32	5.22	ppb
Zirconium	90-1	0.02	0.01	0.00	0.01	96.07	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-01LX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-180716I	Dilution Factor :	5
Date & Time Acquired ::	2018-07-23 15:49:29	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.01	0.00	0.00	701.36	ppb

LB Number : LB96824 Operator : Jaswal
 Lab Sample ID : J4028-02 Instrumnet Name : P7
 Client Sample ID : KY030LC068-W-1807161 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 15:53:02 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8976.47	8934.55	9023.75	8978.26	0.50	ppb
Antimony	121-1	485.87	487.55	496.15	489.86	1.13	ppb
Arsenic	75-2	494.93	499.10	495.71	496.58	0.45	ppb
Barium	135-1	2463.79	2459.61	2503.84	2475.75	0.99	ppb
Barium	137-1	2476.08	2462.91	2504.46	2481.15	0.86	ppb
Beryllium	9-1	345.32	341.97	340.72	342.67	0.69	ppb
Bismuth	209-1				99		%
Bismuth	209-2				88		%
Boron	10-1	429.42	436.97	442.68	436.36	1.52	ppb
Boron	11-1	437.94	446.53	451.76	445.41	1.57	ppb
Cadmium	111-1	456.77	458.14	471.24	462.05	1.73	ppb
Cadmium	106-1	449.87	453.60	460.83	454.76	1.23	ppb
Cadmium	108-1	450.69	458.26	458.05	455.67	0.95	ppb
Calcium	43-1	114859.56	116399.83	118389.62	116549.67	1.52	ppb
Calcium	44-1	121114.83	122183.97	123917.25	122405.35	1.16	ppb
Chromium	52-2	521.53	514.17	520.22	518.64	0.76	ppb
Cobalt	59-2	533.70	524.52	529.89	529.37	0.87	ppb
Copper	63-2	1079.03	1068.11	1084.57	1077.24	0.78	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				92		%
Indium	115-1				101		%
Indium	115-2				88		%
Iron	56-2	27536.01	27173.83	27575.32	27428.39	0.81	ppb
Iron	57-2	26727.80	26247.49	26730.74	26568.68	1.05	ppb
Lead	206-1	462.78	462.37	472.73	465.96	1.26	ppb
Lead	207-1	449.12	448.85	459.15	452.38	1.30	ppb
Lead	208-1	471.20	471.46	482.09	474.92	1.31	ppb
Lithium	6-1				113		%
Magnesium	24-2	58406.77	58163.80	59001.70	58524.09	0.74	ppb
Manganese	55-2	1035.38	1026.29	1038.51	1033.39	0.61	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-02	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-180716I	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:53:02	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2466.96	2497.29	2538.74	2501.00	1.44	ppb
Molybdenum	95-1	2469.13	2492.54	2538.73	2500.13	1.42	ppb
Molybdenum	96-1	2462.47	2478.02	2530.60	2490.36	1.43	ppb
Molybdenum	97-1	2463.35	2498.36	2530.96	2497.56	1.35	ppb
Molybdenum	98-1	2478.37	2497.44	2527.26	2501.02	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	547.37	542.08	543.89	544.45	0.49	ppb
Phosphorus	31-2	62.89	81.24	72.39	72.18	12.72	ppb
Potassium	39-2	28285.80	28004.68	28365.26	28218.58	0.67	ppb
Rhodium	103-1				88		%
Rhodium	103-2				84		%
Scandium	45-1				88		%
Scandium	45-2				75		%
Selenium	77-2	487.02	485.25	499.18	490.48	1.55	ppb
Selenium	78-2	492.61	484.74	485.76	487.70	0.88	ppb
Selenium	82-1	479.71	485.33	492.88	485.97	1.36	ppb
Silicon	28-1	6170.97	6209.35	6340.23	6240.18	1.42	ppb
Silver	109-1	484.60	485.51	492.56	487.56	0.89	ppb
Silver	107-1	486.46	486.84	496.44	489.91	1.15	ppb
Sodium	23-2	71310.57	70327.03	71360.21	70999.27	0.82	ppb
Strontium	86-1	828.75	834.13	847.29	836.73	1.14	ppb
Strontium	88-1	864.65	865.30	879.24	869.73	0.95	ppb
Sulfur	34-1	8662.88	8808.24	8918.14	8796.42	1.46	ppb
Terbium	159-1				99		%
Terbium	159-2				91		%
Thallium	203-1	491.01	494.59	498.50	494.70	0.76	ppb
Thallium	205-1	491.41	489.76	502.39	494.52	1.39	ppb
Tin	118-1	449.03	451.09	457.96	452.69	1.03	ppb
Titanium	47-1	2321.77	2343.92	2360.49	2342.06	0.83	ppb
Uranium	238-1	490.73	487.87	502.29	493.63	1.55	ppb
Vanadium	51-2	516.69	506.79	517.44	513.64	1.16	ppb
Yttrium	89-1				92		%
Yttrium	89-2				81		%
Zinc	66-2	1036.22	1032.63	1042.91	1037.25	0.50	ppb
Zirconium	90-1	490.35	492.93	503.27	495.52	1.38	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-02	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-1807161	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:53:02	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	473.40	478.06	490.56	480.67	1.85	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-03	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-180716I	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:56:36	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8672.12	8704.36	8632.15	8669.54	0.42	ppb
Antimony	121-1	483.79	476.16	475.29	478.41	0.98	ppb
Arsenic	75-2	489.26	496.01	491.43	492.23	0.70	ppb
Barium	135-1	2421.97	2386.55	2396.25	2401.59	0.76	ppb
Barium	137-1	2432.37	2376.11	2399.28	2402.59	1.18	ppb
Beryllium	9-1	354.50	353.16	344.98	350.88	1.47	ppb
Bismuth	209-1				100		%
Bismuth	209-2				89		%
Boron	10-1	450.68	456.24	450.98	452.63	0.69	ppb
Boron	11-1	460.50	462.13	458.28	460.30	0.42	ppb
Cadmium	111-1	458.74	447.54	451.76	452.68	1.25	ppb
Cadmium	106-1	451.00	438.90	433.11	441.00	2.07	ppb
Cadmium	108-1	451.71	436.88	439.82	442.80	1.77	ppb
Calcium	43-1	113174.86	113566.59	114145.28	113628.91	0.43	ppb
Calcium	44-1	119093.09	120159.16	119131.40	119461.21	0.51	ppb
Chromium	52-2	516.99	514.94	512.32	514.75	0.45	ppb
Cobalt	59-2	527.70	527.42	522.56	525.90	0.55	ppb
Copper	63-2	1067.00	1065.89	1056.23	1063.04	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				92		%
Indium	115-1				98		%
Indium	115-2				85		%
Iron	56-2	27068.58	26888.81	26682.13	26879.84	0.72	ppb
Iron	57-2	26003.83	25994.47	25797.94	25932.08	0.45	ppb
Lead	206-1	464.00	460.47	458.13	460.87	0.64	ppb
Lead	207-1	447.65	449.33	445.10	447.36	0.48	ppb
Lead	208-1	472.08	471.50	467.82	470.47	0.49	ppb
Lithium	6-1				108		%
Magnesium	24-2	57747.59	57098.26	56602.86	57149.57	1.00	ppb
Manganese	55-2	1013.61	1011.44	1002.28	1009.11	0.60	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-03	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-180716I	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:56:36	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2463.35	2462.91	2446.15	2457.47	0.40	ppb
Molybdenum	95-1	2454.45	2443.06	2445.31	2447.61	0.25	ppb
Molybdenum	96-1	2441.20	2435.83	2431.22	2436.08	0.21	ppb
Molybdenum	97-1	2451.67	2435.37	2453.48	2446.84	0.41	ppb
Molybdenum	98-1	2459.17	2454.78	2444.86	2452.94	0.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	545.23	542.87	537.37	541.82	0.74	ppb
Phosphorus	31-2	70.99	104.73	60.29	78.67	29.49	ppb
Potassium	39-2	27617.78	27362.88	27251.05	27410.57	0.69	ppb
Rhodium	103-1				87		%
Rhodium	103-2				85		%
Scandium	45-1				86		%
Scandium	45-2				73		%
Selenium	77-2	494.80	489.39	496.50	493.56	0.75	ppb
Selenium	78-2	469.38	475.02	478.30	474.23	0.95	ppb
Selenium	82-1	485.04	480.88	478.80	481.57	0.66	ppb
Silicon	28-1	6187.98	6181.44	6090.15	6153.19	0.89	ppb
Silver	109-1	482.18	474.67	471.66	476.17	1.14	ppb
Silver	107-1	483.16	474.06	474.32	477.18	1.09	ppb
Sodium	23-2	70264.59	69005.87	68843.24	69371.23	1.12	ppb
Strontium	86-1	829.09	831.19	831.17	830.48	0.15	ppb
Strontium	88-1	856.34	856.55	859.31	857.40	0.19	ppb
Sulfur	34-1	8442.61	8452.61	8352.77	8416.00	0.65	ppb
Terbium	159-1				99		%
Terbium	159-2				91		%
Thallium	203-1	496.79	492.63	487.86	492.42	0.91	ppb
Thallium	205-1	493.45	487.64	488.08	489.72	0.66	ppb
Tin	118-1	442.38	434.06	435.53	437.32	1.02	ppb
Titanium	47-1	2290.84	2296.37	2274.00	2287.07	0.51	ppb
Uranium	238-1	490.79	487.33	490.61	489.58	0.40	ppb
Vanadium	51-2	511.70	509.32	506.81	509.28	0.48	ppb
Yttrium	89-1				91		%
Yttrium	89-2				79		%
Zinc	66-2	1027.34	1035.30	1014.59	1025.74	1.02	ppb
Zirconium	90-1	491.16	491.42	491.10	491.22	0.03	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-03	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-1807161	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:56:36	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	474.70	474.56	472.15	473.80	0.30	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-02A	Instrumnet Name :	P7
Client Sample ID :	J4028-01MSA	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:00:10	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8896.77	8821.98	8886.39	8868.38	0.46	ppb
Antimony	121-1	479.38	477.03	473.43	476.62	0.63	ppb
Arsenic	75-2	494.66	496.19	495.10	495.32	0.16	ppb
Barium	135-1	2420.58	2424.60	2423.93	2423.04	0.09	ppb
Barium	137-1	2424.45	2428.26	2426.87	2426.52	0.08	ppb
Beryllium	9-1	358.04	358.60	358.65	358.43	0.09	ppb
Bismuth	209-1				100		%
Bismuth	209-2				88		%
Boron	10-1	468.41	476.61	475.21	473.41	0.93	ppb
Boron	11-1	475.39	481.96	477.77	478.37	0.70	ppb
Cadmium	111-1	453.01	451.17	450.90	451.69	0.25	ppb
Cadmium	106-1	441.68	437.74	443.12	440.85	0.63	ppb
Cadmium	108-1	447.09	439.34	440.10	442.18	0.97	ppb
Calcium	43-1	114415.31	115233.39	114576.81	114741.84	0.38	ppb
Calcium	44-1	121025.57	121728.88	121042.63	121265.69	0.33	ppb
Chromium	52-2	527.41	524.22	525.42	525.68	0.31	ppb
Cobalt	59-2	540.05	541.54	534.25	538.61	0.71	ppb
Copper	63-2	1097.24	1097.56	1092.61	1095.80	0.25	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				91		%
Indium	115-1				97		%
Indium	115-2				83		%
Iron	56-2	27869.11	27628.33	27590.65	27696.03	0.55	ppb
Iron	57-2	26802.44	26849.52	26554.90	26735.62	0.59	ppb
Lead	206-1	458.45	469.19	466.57	464.74	1.21	ppb
Lead	207-1	444.31	452.18	450.79	449.09	0.94	ppb
Lead	208-1	469.17	475.64	475.24	473.35	0.77	ppb
Lithium	6-1				103		%
Magnesium	24-2	58866.78	58349.05	58257.22	58491.01	0.56	ppb
Manganese	55-2	1037.43	1037.32	1031.93	1035.56	0.30	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-02A	Instrumnet Name :	P7
Client Sample ID :	J4028-01MSA	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:00:10	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2484.71	2474.34	2464.87	2474.64	0.40	ppb
Molybdenum	95-1	2482.35	2471.71	2481.11	2478.39	0.23	ppb
Molybdenum	96-1	2488.46	2468.50	2466.62	2474.53	0.49	ppb
Molybdenum	97-1	2491.05	2466.59	2467.89	2475.18	0.56	ppb
Molybdenum	98-1	2490.03	2457.07	2473.49	2473.53	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	555.55	554.26	549.40	553.07	0.59	ppb
Phosphorus	31-2	77.71	95.08	96.28	89.69	11.58	ppb
Potassium	39-2	28152.83	27952.22	27919.57	28008.20	0.45	ppb
Rhodium	103-1				86		%
Rhodium	103-2				80		%
Scandium	45-1				84		%
Scandium	45-2				71		%
Selenium	77-2	502.63	467.69	479.78	483.37	3.67	ppb
Selenium	78-2	475.71	482.39	482.93	480.34	0.84	ppb
Selenium	82-1	483.64	472.94	478.93	478.50	1.12	ppb
Silicon	28-1	6185.31	6231.08	6092.10	6169.49	1.15	ppb
Silver	109-1	480.57	474.81	475.48	476.95	0.66	ppb
Silver	107-1	478.59	470.97	474.98	474.85	0.80	ppb
Sodium	23-2	71337.06	70776.54	70576.18	70896.59	0.56	ppb
Strontium	86-1	830.13	814.80	825.31	823.41	0.95	ppb
Strontium	88-1	859.32	856.79	856.69	857.60	0.17	ppb
Sulfur	34-1	8330.53	8277.40	8023.43	8210.45	2.00	ppb
Terbium	159-1				99		%
Terbium	159-2				90		%
Thallium	203-1	486.02	493.81	499.33	493.05	1.36	ppb
Thallium	205-1	486.43	492.56	499.44	492.81	1.32	ppb
Tin	118-1	440.27	440.16	432.70	437.71	0.99	ppb
Titanium	47-1	2341.50	2328.39	2328.67	2332.85	0.32	ppb
Uranium	238-1	493.65	497.48	501.12	497.42	0.75	ppb
Vanadium	51-2	519.93	520.16	515.05	518.38	0.56	ppb
Yttrium	89-1				90		%
Yttrium	89-2				77		%
Zinc	66-2	1048.25	1052.73	1044.47	1048.48	0.39	ppb
Zirconium	90-1	491.65	491.31	493.97	492.31	0.29	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-02A	Instrumnet Name :	P7
Client Sample ID :	J4028-01MSA	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:00:10	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	475.02	472.04	477.03	474.70	0.53	ppb

LB Number : LB96824 Operator : Jaswal
 Lab Sample ID : J4028-04 Instrumnet Name : P7
 Client Sample ID : KY030LC051-W-180716 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 16:03:43 DataFile Name : 032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.79	3.54	3.37	3.57	5.99	ppb
Antimony	121-1	2.41	2.31	2.32	2.34	2.38	ppb
Arsenic	75-2	2.34	2.48	2.29	2.37	4.03	ppb
Barium	135-1	57.16	57.01	57.28	57.15	0.24	ppb
Barium	137-1	57.07	56.84	57.11	57.01	0.25	ppb
Beryllium	9-1	0.13	0.08	0.10	0.10	23.56	ppb
Bismuth	209-1				104		%
Bismuth	209-2				93		%
Boron	10-1	116.13	110.38	108.19	111.56	3.67	ppb
Boron	11-1	119.05	116.43	115.08	116.86	1.73	ppb
Cadmium	111-1	0.04	-0.09	-0.06	-0.04		ppb
Cadmium	106-1	-2.36	-4.37	-3.66	-3.46		ppb
Cadmium	108-1	0.05	0.11	0.14	0.10	44.94	ppb
Calcium	43-1	68039.10	67419.11	68305.62	67921.28	0.67	ppb
Calcium	44-1	71094.76	71545.78	72023.83	71554.79	0.65	ppb
Chromium	52-2	0.79	0.74	0.82	0.78	5.37	ppb
Cobalt	59-2	0.19	0.18	0.16	0.18	6.80	ppb
Copper	63-2	3.68	3.84	3.77	3.76	2.15	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				93		%
Indium	115-1				99		%
Indium	115-2				85		%
Iron	56-2	14.27	13.76	13.31	13.78	3.49	ppb
Iron	57-2	162.07	155.10	153.61	156.93	2.88	ppb
Lead	206-1	0.58	0.57	0.62	0.59	4.86	ppb
Lead	207-1	0.53	0.49	0.54	0.52	5.00	ppb
Lead	208-1	0.55	0.52	0.56	0.55	3.53	ppb
Lithium	6-1				102		%
Magnesium	24-2	5935.47	5945.66	5947.10	5942.74	0.11	ppb
Manganese	55-2	14.27	14.30	14.15	14.24	0.55	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-04	Instrumnet Name :	P7
Client Sample ID :	KY030LC051-W-180716	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:03:43	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.28	1.20	1.32	1.27	4.48	ppb
Molybdenum	95-1	1.56	1.45	1.54	1.52	3.86	ppb
Molybdenum	96-1	1.46	1.42	1.41	1.43	1.67	ppb
Molybdenum	97-1	1.42	1.49	1.56	1.49	4.53	ppb
Molybdenum	98-1	1.52	1.54	1.61	1.56	2.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.41	1.47	1.43	1.44	2.01	ppb
Phosphorus	31-2	83.49	58.51	60.99	67.66	20.34	ppb
Potassium	39-2	3700.28	3690.51	3749.97	3713.59	0.86	ppb
Rhodium	103-1				89		%
Rhodium	103-2				86		%
Scandium	45-1				83		%
Scandium	45-2				71		%
Selenium	77-2	2.36	0.79	0.79	1.31	69.09	ppb
Selenium	78-2	0.31	0.24	0.33	0.29	15.81	ppb
Selenium	82-1	1.40	0.97	1.17	1.18	18.25	ppb
Silicon	28-1	5425.86	5339.60	5374.99	5380.15	0.81	ppb
Silver	109-1	0.22	0.22	0.20	0.22	5.39	ppb
Silver	107-1	0.24	0.24	0.23	0.24	1.88	ppb
Sodium	23-2	17712.09	17762.43	17740.47	17738.33	0.14	ppb
Strontium	86-1	304.75	304.76	312.34	307.28	1.42	ppb
Strontium	88-1	319.44	317.46	321.37	319.42	0.61	ppb
Sulfur	34-1	7405.73	7012.83	6827.61	7082.06	4.17	ppb
Terbium	159-1				100		%
Terbium	159-2				92		%
Thallium	203-1	0.22	0.22	0.20	0.21	5.57	ppb
Thallium	205-1	0.21	0.21	0.21	0.21	0.79	ppb
Tin	118-1	1.66	1.66	1.59	1.64	2.25	ppb
Titanium	47-1	1.17	1.28	1.17	1.21	5.34	ppb
Uranium	238-1	0.64	0.60	0.63	0.63	3.44	ppb
Vanadium	51-2	3.33	3.48	3.52	3.44	3.03	ppb
Yttrium	89-1				90		%
Yttrium	89-2				78		%
Zinc	66-2	8.39	8.52	8.61	8.51	1.29	ppb
Zirconium	90-1	0.11	0.13	0.11	0.12	10.71	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-04	Instrumnet Name :	P7
Client Sample ID :	KY030LC051-W-180716	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:03:43	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.15	0.16	0.12	0.14	16.01	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:07:16	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51101.19	50481.49	51257.07	50946.58	0.81	ppb
Antimony	121-1	468.73	470.69	473.54	470.99	0.51	ppb
Arsenic	75-2	504.06	497.05	504.38	501.83	0.83	ppb
Barium	135-1	2457.43	2488.57	2499.99	2482.00	0.89	ppb
Barium	137-1	2467.13	2466.54	2486.44	2473.37	0.46	ppb
Beryllium	9-1	500.42	509.99	500.28	503.56	1.11	ppb
Bismuth	209-1				100		%
Bismuth	209-2				93		%
Boron	10-1	513.58	537.51	524.87	525.32	2.28	ppb
Boron	11-1	519.67	537.66	521.94	526.42	1.86	ppb
Cadmium	111-1	457.19	458.13	463.16	459.49	0.70	ppb
Cadmium	106-1	457.20	468.42	464.34	463.32	1.23	ppb
Cadmium	108-1	450.60	453.81	462.35	455.59	1.33	ppb
Calcium	43-1	240526.62	242062.44	242613.55	241734.20	0.45	ppb
Calcium	44-1	241381.57	242485.17	242080.65	241982.46	0.23	ppb
Chromium	52-2	523.44	530.38	522.69	525.50	0.81	ppb
Cobalt	59-2	512.46	508.28	499.45	506.73	1.31	ppb
Copper	63-2	989.75	981.05	971.54	980.78	0.93	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				108		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				90		%
Iron	56-2	132963.37	134155.29	131444.50	132854.39	1.02	ppb
Iron	57-2	134610.97	135445.28	132403.71	134153.32	1.17	ppb
Lead	206-1	484.36	480.79	484.22	483.12	0.42	ppb
Lead	207-1	481.41	482.73	482.51	482.22	0.15	ppb
Lead	208-1	499.65	499.93	499.72	499.77	0.03	ppb
Lithium	6-1				85		%
Magnesium	24-2	261709.13	255732.04	259734.08	259058.42	1.18	ppb
Manganese	55-2	994.08	1008.68	987.38	996.72	1.09	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:07:16	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2529.44	2530.21	2535.93	2531.86	0.14	ppb
Molybdenum	95-1	2536.83	2525.26	2515.94	2526.01	0.41	ppb
Molybdenum	96-1	2524.26	2525.81	2512.63	2520.90	0.29	ppb
Molybdenum	97-1	2530.24	2522.26	2525.74	2526.08	0.16	ppb
Molybdenum	98-1	2540.38	2534.87	2534.96	2536.73	0.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.66	509.61	510.11	513.46	1.22	ppb
Phosphorus	31-2	10011.33	9958.65	10148.43	10039.47	0.98	ppb
Potassium	39-2	125242.76	125702.75	126022.26	125655.92	0.31	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				98		%
Scandium	45-2				92		%
Selenium	77-2	504.21	488.36	506.47	499.68	1.98	ppb
Selenium	78-2	481.70	480.06	488.66	483.47	0.94	ppb
Selenium	82-1	454.89	453.70	458.82	455.80	0.59	ppb
Silicon	28-1	449.52	455.03	460.05	454.87	1.16	ppb
Silver	109-1	474.48	476.89	478.43	476.60	0.42	ppb
Silver	107-1	475.64	476.80	484.79	479.08	1.04	ppb
Sodium	23-2	263454.97	257250.83	261855.71	260853.84	1.23	ppb
Strontium	86-1	482.50	482.24	479.88	481.54	0.30	ppb
Strontium	88-1	501.02	497.43	500.63	499.69	0.39	ppb
Sulfur	34-1	8469.14	8431.10	8386.87	8429.04	0.49	ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	511.08	515.07	515.84	514.00	0.50	ppb
Thallium	205-1	511.73	513.29	517.15	514.06	0.54	ppb
Tin	118-1	495.67	495.98	499.83	497.16	0.47	ppb
Titanium	47-1	2379.51	2379.00	2393.39	2383.97	0.34	ppb
Uranium	238-1	525.65	517.59	525.48	522.91	0.88	ppb
Vanadium	51-2	513.09	517.27	512.39	514.25	0.51	ppb
Yttrium	89-1				102		%
Yttrium	89-2				93		%
Zinc	66-2	975.62	963.88	962.02	967.17	0.76	ppb
Zirconium	90-1	506.38	503.96	503.63	504.66	0.30	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:07:16	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	486.70	485.64	484.19	485.51	0.26	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:18:03	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.86	0.45	0.41	0.57	42.71	ppb
Antimony	121-1	0.08	0.07	0.07	0.07	4.51	ppb
Arsenic	75-2	-0.02	0.02	0.01	0.00	751.13	ppb
Barium	135-1	0.01	0.03	0.02	0.02	36.93	ppb
Barium	137-1	0.02	0.02	0.03	0.02	43.51	ppb
Beryllium	9-1	0.05	0.04	0.04	0.04	11.32	ppb
Bismuth	209-1				112		%
Bismuth	209-2				105		%
Boron	10-1	7.98	7.92	8.13	8.01	1.37	ppb
Boron	11-1	8.42	8.27	8.22	8.30	1.28	ppb
Cadmium	111-1	-0.09	-0.13	-0.11	-0.11		ppb
Cadmium	106-1	-2.25	-3.35	-2.71	-2.77		ppb
Cadmium	108-1	-0.01	-0.07	-0.01	-0.03		ppb
Calcium	43-1	2.80	3.02	1.95	2.59	21.89	ppb
Calcium	44-1	0.96	0.82	2.67	1.48	69.49	ppb
Chromium	52-2	-0.03	-0.04	-0.03	-0.03		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.15	0.16	0.13	0.15	11.75	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				110		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				98		%
Iron	56-2	1.00	1.18	1.18	1.12	9.28	ppb
Iron	57-2	-0.78	0.94	1.51	0.56	213.15	ppb
Lead	206-1	0.00	0.01	0.00	0.00	110.08	ppb
Lead	207-1	0.00	0.00	0.00	0.00		ppb
Lead	208-1	0.00	0.00	0.00	0.00	4.24	ppb
Lithium	6-1				101		%
Magnesium	24-2	2.56	2.43	2.35	2.45	4.21	ppb
Manganese	55-2	0.02	0.02	0.01	0.02	32.23	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:18:03	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.04	0.06	0.05	17.29	ppb
Molybdenum	95-1	0.08	0.06	0.06	0.07	17.10	ppb
Molybdenum	96-1	0.07	0.06	0.07	0.07	9.74	ppb
Molybdenum	97-1	0.08	0.05	0.05	0.06	27.04	ppb
Molybdenum	98-1	0.07	0.07	0.06	0.07	11.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.11	-0.08	-0.10		ppb
Phosphorus	31-2	-34.55	-33.97	-16.58	-28.37		ppb
Potassium	39-2	0.78	-5.61	-6.75	-3.86		ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				95		%
Selenium	77-2	0.00	0.32	0.62	0.31	99.16	ppb
Selenium	78-2	-0.15	0.36	-0.23	-0.01		ppb
Selenium	82-1	-0.15	-0.35	0.15	-0.12		ppb
Silicon	28-1	-27.64	-28.27	-28.09	-28.00		ppb
Silver	109-1	0.04	0.03	0.03	0.03	6.56	ppb
Silver	107-1	0.03	0.04	0.04	0.04	13.64	ppb
Sodium	23-2	12.81	11.98	11.44	12.08	5.75	ppb
Strontium	86-1	-0.02	-0.03	0.01	-0.01		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	20.94	ppb
Sulfur	34-1	-1103.88	-1272.94	-1150.76	-1175.86		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.02	0.02	0.02	6.89	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	2.37	ppb
Tin	118-1	-0.05	-0.03	-0.06	-0.04		ppb
Titanium	47-1	0.05	0.05	0.08	0.06	31.00	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	30.18	ppb
Yttrium	89-1				107		%
Yttrium	89-2				97		%
Zinc	66-2	0.21	0.18	0.06	0.15	54.33	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	107.11	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:18:03	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.00	0.01	96.50	ppb

LB Number : LB96824 Operator : Jaswal
 Lab Sample ID : J4028-05 Instrumnet Name : P7
 Client Sample ID : KY030LC001-W-180716 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 16:21:36 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.35	3.55	4.01	3.97	10.03	ppb
Antimony	121-1	7.85	5.55	4.24	5.88	31.13	ppb
Arsenic	75-2	2.42	2.35	2.13	2.30	6.43	ppb
Barium	135-1	57.28	57.54	58.09	57.64	0.71	ppb
Barium	137-1	57.17	57.06	57.96	57.40	0.85	ppb
Beryllium	9-1	0.02	0.04	0.02	0.03	53.47	ppb
Bismuth	209-1				104		%
Bismuth	209-2				93		%
Boron	10-1	95.26	96.89	96.17	96.11	0.85	ppb
Boron	11-1	100.81	99.95	102.25	101.00	1.15	ppb
Cadmium	111-1	-0.07	0.00	-0.12	-0.07		ppb
Cadmium	106-1	-3.25	-2.05	-4.04	-3.11		ppb
Cadmium	108-1	0.09	0.04	0.20	0.11	76.87	ppb
Calcium	43-1	66334.62	67240.40	66232.67	66602.56	0.83	ppb
Calcium	44-1	69660.81	71072.57	69872.61	70202.00	1.08	ppb
Chromium	52-2	0.87	0.88	0.87	0.87	0.53	ppb
Cobalt	59-2	0.16	0.13	0.15	0.15	11.14	ppb
Copper	63-2	4.04	4.12	4.12	4.09	1.22	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				94		%
Indium	115-1				102		%
Indium	115-2				87		%
Iron	56-2	14.27	14.36	14.31	14.31	0.32	ppb
Iron	57-2	155.49	158.44	148.54	154.16	3.30	ppb
Lead	206-1	0.18	0.16	0.15	0.17	10.49	ppb
Lead	207-1	0.16	0.16	0.15	0.16	3.35	ppb
Lead	208-1	0.18	0.16	0.15	0.16	9.82	ppb
Lithium	6-1				108		%
Magnesium	24-2	5554.29	5531.91	5509.55	5531.92	0.40	ppb
Manganese	55-2	10.61	10.24	10.31	10.39	1.87	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-05	Instrumnet Name :	P7
Client Sample ID :	KY030LC001-W-180716	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:21:36	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.02	1.02	1.10	1.05	4.71	ppb
Molybdenum	95-1	1.10	1.13	1.05	1.10	3.52	ppb
Molybdenum	96-1	1.13	1.08	1.10	1.10	2.35	ppb
Molybdenum	97-1	1.21	1.13	1.14	1.16	3.74	ppb
Molybdenum	98-1	1.14	1.15	1.14	1.15	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.94	2.06	2.05	2.01	3.26	ppb
Phosphorus	31-2	65.32	63.80	66.12	65.08	1.81	ppb
Potassium	39-2	3919.91	3896.95	3854.48	3890.45	0.85	ppb
Rhodium	103-1				91		%
Rhodium	103-2				88		%
Scandium	45-1				88		%
Scandium	45-2				74		%
Selenium	77-2	2.30	5.38	1.54	3.07	66.23	ppb
Selenium	78-2	0.61	0.81	-0.14	0.43	116.28	ppb
Selenium	82-1	0.72	1.08	1.03	0.94	20.44	ppb
Silicon	28-1	5517.58	5560.04	5491.49	5523.04	0.63	ppb
Silver	109-1	0.31	0.28	0.30	0.29	4.72	ppb
Silver	107-1	0.31	0.28	0.28	0.29	5.47	ppb
Sodium	23-2	19063.91	18922.38	18769.70	18918.66	0.78	ppb
Strontium	86-1	271.10	269.15	271.68	270.64	0.49	ppb
Strontium	88-1	282.42	279.62	282.19	281.41	0.55	ppb
Sulfur	34-1	7268.74	7445.01	6956.28	7223.34	3.43	ppb
Terbium	159-1				100		%
Terbium	159-2				92		%
Thallium	203-1	0.18	0.14	0.14	0.15	14.00	ppb
Thallium	205-1	0.19	0.16	0.13	0.16	17.96	ppb
Tin	118-1	1.72	1.71	1.67	1.70	1.62	ppb
Titanium	47-1	0.84	0.95	0.94	0.91	6.54	ppb
Uranium	238-1	0.57	0.58	0.57	0.57	0.79	ppb
Vanadium	51-2	3.73	3.65	3.76	3.71	1.61	ppb
Yttrium	89-1				92		%
Yttrium	89-2				80		%
Zinc	66-2	9.86	9.97	10.20	10.01	1.74	ppb
Zirconium	90-1	0.12	0.11	0.11	0.11	6.86	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-05	Instrumnet Name :	P7
Client Sample ID :	KY030LC001-W-180716	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:21:36	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.11	0.09	0.10	12.44	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-06	Instrumnet Name :	P7
Client Sample ID :	KY030SP001-180716	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:25:09	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.18	2.15	2.57	2.63	19.71	ppb
Antimony	121-1	2.40	2.28	2.01	2.23	8.91	ppb
Arsenic	75-2	0.70	0.71	0.69	0.70	1.37	ppb
Barium	135-1	65.45	65.30	64.92	65.22	0.42	ppb
Barium	137-1	65.85	64.91	64.38	65.05	1.14	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	12.52	ppb
Bismuth	209-1				103		%
Bismuth	209-2				93		%
Boron	10-1	104.49	109.15	110.39	108.01	2.88	ppb
Boron	11-1	110.58	111.04	111.95	111.19	0.63	ppb
Cadmium	111-1	-0.07	-0.13	-0.19	-0.13		ppb
Cadmium	106-1	-2.90	-4.81	-5.63	-4.45		ppb
Cadmium	108-1	0.12	0.04	0.09	0.08	53.87	ppb
Calcium	43-1	104035.39	103919.10	105022.47	104325.65	0.58	ppb
Calcium	44-1	110773.35	110652.41	111336.91	110920.89	0.33	ppb
Chromium	52-2	1.10	1.16	1.09	1.12	3.44	ppb
Cobalt	59-2	0.11	0.13	0.12	0.12	6.48	ppb
Copper	63-2	3.29	3.24	3.35	3.29	1.69	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				94		%
Indium	115-1				100		%
Indium	115-2				85		%
Iron	56-2	20.03	19.53	20.21	19.93	1.77	ppb
Iron	57-2	243.57	237.13	244.37	241.69	1.64	ppb
Lead	206-1	0.18	0.19	0.19	0.18	2.08	ppb
Lead	207-1	0.18	0.19	0.18	0.18	2.26	ppb
Lead	208-1	0.18	0.18	0.18	0.18	1.04	ppb
Lithium	6-1				91		%
Magnesium	24-2	9576.56	9667.54	9688.86	9644.32	0.62	ppb
Manganese	55-2	6.91	6.99	6.97	6.96	0.58	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-06	Instrumnet Name :	P7
Client Sample ID :	KY030SP001-180716	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:25:09	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.60	0.57	0.52	0.57	7.35	ppb
Molybdenum	95-1	0.66	0.67	0.72	0.68	4.42	ppb
Molybdenum	96-1	0.70	0.70	0.74	0.71	3.37	ppb
Molybdenum	97-1	0.63	0.71	0.77	0.70	10.18	ppb
Molybdenum	98-1	0.74	0.76	0.72	0.74	2.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.67	1.62	1.73	1.68	3.22	ppb
Phosphorus	31-2	-19.11	-3.29	-13.35	-11.92		ppb
Potassium	39-2	1658.13	1645.37	1678.81	1660.77	1.02	ppb
Rhodium	103-1				89		%
Rhodium	103-2				88		%
Scandium	45-1				85		%
Scandium	45-2				73		%
Selenium	77-2	1.92	3.45	1.17	2.18	53.16	ppb
Selenium	78-2	0.12	1.18	1.26	0.85	74.83	ppb
Selenium	82-1	4.42	4.67	5.29	4.79	9.31	ppb
Silicon	28-1	7326.52	7296.31	7302.80	7308.54	0.22	ppb
Silver	109-1	0.17	0.16	0.17	0.17	4.51	ppb
Silver	107-1	0.18	0.19	0.16	0.18	7.58	ppb
Sodium	23-2	19066.70	19114.26	19210.20	19130.39	0.38	ppb
Strontium	86-1	638.30	646.44	642.93	642.56	0.64	ppb
Strontium	88-1	672.26	677.89	676.52	675.56	0.43	ppb
Sulfur	34-1	13964.09	13740.68	13770.05	13824.94	0.88	ppb
Terbium	159-1				101		%
Terbium	159-2				93		%
Thallium	203-1	0.06	0.05	0.05	0.05	11.39	ppb
Thallium	205-1	0.05	0.05	0.04	0.05	11.13	ppb
Tin	118-1	1.23	1.23	1.30	1.25	3.05	ppb
Titanium	47-1	1.04	0.87	1.07	0.99	10.97	ppb
Uranium	238-1	1.08	1.10	1.12	1.10	1.77	ppb
Vanadium	51-2	2.91	2.84	2.89	2.88	1.31	ppb
Yttrium	89-1				92		%
Yttrium	89-2				79		%
Zinc	66-2	9.96	9.76	9.73	9.82	1.25	ppb
Zirconium	90-1	0.07	0.07	0.07	0.07	2.54	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-06	Instrumnet Name :	P7
Client Sample ID :	KY030SP001-180716	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:25:09	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.04	0.05	0.05	19.45	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-07	Instrumnet Name :	P7
Client Sample ID :	KY030LC006-W-180716	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:28:42	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.18	10.91	12.13	11.74	6.11	ppb
Antimony	121-1	2.27	2.15	2.10	2.17	4.08	ppb
Arsenic	75-2	2.45	2.28	2.51	2.41	4.88	ppb
Barium	135-1	65.41	64.04	64.78	64.74	1.06	ppb
Barium	137-1	65.54	65.04	64.36	64.98	0.92	ppb
Beryllium	9-1	0.03	0.02	0.03	0.03	23.66	ppb
Bismuth	209-1				105		%
Bismuth	209-2				93		%
Boron	10-1	132.09	125.26	130.22	129.19	2.73	ppb
Boron	11-1	133.23	133.39	136.31	134.31	1.29	ppb
Cadmium	111-1	-0.10	-0.15	-0.19	-0.15		ppb
Cadmium	106-1	-2.75	-3.91	-5.12	-3.93		ppb
Cadmium	108-1	0.02	0.02	0.00	0.01	96.30	ppb
Calcium	43-1	70125.77	70364.07	69864.48	70118.11	0.36	ppb
Calcium	44-1	74310.48	74389.63	74369.91	74356.67	0.06	ppb
Chromium	52-2	0.75	0.79	0.79	0.78	2.94	ppb
Cobalt	59-2	0.17	0.15	0.19	0.17	11.64	ppb
Copper	63-2	3.56	3.63	3.79	3.66	3.25	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				94		%
Indium	115-1				99		%
Indium	115-2				84		%
Iron	56-2	25.29	27.73	25.51	26.18	5.16	ppb
Iron	57-2	177.51	171.08	173.50	174.03	1.87	ppb
Lead	206-1	0.20	0.21	0.20	0.20	4.22	ppb
Lead	207-1	0.21	0.21	0.20	0.20	3.72	ppb
Lead	208-1	0.20	0.21	0.20	0.21	2.96	ppb
Lithium	6-1				88		%
Magnesium	24-2	6013.65	5937.84	6084.78	6012.09	1.22	ppb
Manganese	55-2	14.58	14.48	14.66	14.57	0.63	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-07	Instrumnet Name :	P7
Client Sample ID :	KY030LC006-W-180716	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:28:42	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.94	0.88	0.90	0.91	3.34	ppb
Molybdenum	95-1	1.18	1.13	1.16	1.16	2.09	ppb
Molybdenum	96-1	1.07	1.16	1.15	1.13	4.19	ppb
Molybdenum	97-1	1.23	1.13	1.11	1.16	5.38	ppb
Molybdenum	98-1	1.18	1.14	1.22	1.18	3.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.06	2.15	1.94	2.05	5.07	ppb
Phosphorus	31-2	91.09	55.95	88.01	78.35	24.84	ppb
Potassium	39-2	3936.02	3899.20	3974.78	3936.67	0.96	ppb
Rhodium	103-1				90		%
Rhodium	103-2				87		%
Scandium	45-1				85		%
Scandium	45-2				71		%
Selenium	77-2	1.18	1.56	2.35	1.70	35.18	ppb
Selenium	78-2	-0.35	1.58	0.75	0.66	146.25	ppb
Selenium	82-1	1.11	1.29	1.49	1.30	14.66	ppb
Silicon	28-1	5817.93	5899.40	5793.62	5836.98	0.95	ppb
Silver	109-1	0.15	0.16	0.16	0.15	4.25	ppb
Silver	107-1	0.14	0.15	0.16	0.15	8.06	ppb
Sodium	23-2	20479.81	20225.76	20556.21	20420.59	0.85	ppb
Strontium	86-1	288.84	287.11	290.86	288.94	0.65	ppb
Strontium	88-1	302.56	300.93	303.67	302.39	0.46	ppb
Sulfur	34-1	6967.55	6946.58	6682.43	6865.52	2.31	ppb
Terbium	159-1				101		%
Terbium	159-2				92		%
Thallium	203-1	0.03	0.03	0.03	0.03	6.80	ppb
Thallium	205-1	0.03	0.04	0.03	0.03	5.97	ppb
Tin	118-1	1.00	0.98	1.06	1.01	4.19	ppb
Titanium	47-1	1.10	1.00	1.25	1.12	11.14	ppb
Uranium	238-1	0.60	0.60	0.59	0.59	0.83	ppb
Vanadium	51-2	3.75	3.63	3.57	3.65	2.49	ppb
Yttrium	89-1				92		%
Yttrium	89-2				78		%
Zinc	66-2	6.97	7.13	7.05	7.05	1.11	ppb
Zirconium	90-1	0.08	0.09	0.09	0.08	2.36	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-07	Instrumnet Name :	P7
Client Sample ID :	KY030LC006-W-180716	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:28:42	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.11	0.10	0.09	0.10	11.31	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-08	Instrumnet Name :	P7
Client Sample ID :	DUP-0488-180716	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:32:16	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.72	4.53	3.91	4.38	9.57	ppb
Antimony	121-1	2.35	2.08	1.92	2.12	10.27	ppb
Arsenic	75-2	2.30	2.57	2.52	2.46	5.90	ppb
Barium	135-1	58.31	58.63	57.96	58.30	0.58	ppb
Barium	137-1	58.12	58.30	57.93	58.12	0.32	ppb
Beryllium	9-1	0.02	0.04	0.02	0.03	35.63	ppb
Bismuth	209-1				103		%
Bismuth	209-2				90		%
Boron	10-1	115.11	116.18	115.42	115.57	0.48	ppb
Boron	11-1	122.11	121.58	124.32	122.67	1.18	ppb
Cadmium	111-1	-0.15	-0.17	-0.16	-0.16		ppb
Cadmium	106-1	-4.54	-4.59	-4.19	-4.44		ppb
Cadmium	108-1	0.00	-0.04	0.07	0.01	432.77	ppb
Calcium	43-1	67218.51	68366.03	67795.25	67793.26	0.85	ppb
Calcium	44-1	71376.48	71873.40	71911.76	71720.55	0.42	ppb
Chromium	52-2	0.77	0.77	0.79	0.78	1.23	ppb
Cobalt	59-2	0.13	0.13	0.15	0.14	6.57	ppb
Copper	63-2	4.41	4.16	4.37	4.31	3.07	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				100		%
Holmium	165-2				90		%
Indium	115-1				97		%
Indium	115-2				80		%
Iron	56-2	11.88	11.36	11.61	11.61	2.25	ppb
Iron	57-2	155.95	157.12	145.65	152.91	4.12	ppb
Lead	206-1	0.14	0.14	0.13	0.14	5.23	ppb
Lead	207-1	0.11	0.12	0.13	0.12	5.41	ppb
Lead	208-1	0.13	0.14	0.12	0.13	8.42	ppb
Lithium	6-1				84		%
Magnesium	24-2	6671.18	6661.89	6666.95	6666.67	0.07	ppb
Manganese	55-2	11.31	11.31	11.49	11.37	0.90	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-08	Instrumnet Name :	P7
Client Sample ID :	DUP-0488-180716	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:32:16	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.84	0.89	0.84	0.86	3.84	ppb
Molybdenum	95-1	1.22	1.11	1.17	1.17	4.90	ppb
Molybdenum	96-1	1.09	1.15	1.10	1.11	2.96	ppb
Molybdenum	97-1	1.10	1.08	1.19	1.12	4.84	ppb
Molybdenum	98-1	1.13	1.21	1.09	1.14	5.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.71	1.71	1.67	1.70	1.37	ppb
Phosphorus	31-2	61.96	88.61	76.56	75.71	17.63	ppb
Potassium	39-2	3926.66	3932.53	3940.28	3933.15	0.17	ppb
Rhodium	103-1				88		%
Rhodium	103-2				82		%
Scandium	45-1				82		%
Scandium	45-2				68		%
Selenium	77-2	2.02	2.84	2.87	2.58	18.67	ppb
Selenium	78-2	1.74	1.01	0.10	0.95	86.09	ppb
Selenium	82-1	0.37	1.14	1.30	0.94	53.30	ppb
Silicon	28-1	5579.34	5682.13	5664.92	5642.13	0.98	ppb
Silver	109-1	0.14	0.14	0.13	0.14	3.98	ppb
Silver	107-1	0.12	0.14	0.13	0.13	9.67	ppb
Sodium	23-2	18967.92	18902.03	18999.28	18956.41	0.26	ppb
Strontium	86-1	347.70	349.80	348.74	348.75	0.30	ppb
Strontium	88-1	364.02	365.94	363.92	364.62	0.31	ppb
Sulfur	34-1	7966.76	8041.20	8032.51	8013.49	0.51	ppb
Terbium	159-1				99		%
Terbium	159-2				89		%
Thallium	203-1	0.03	0.04	0.02	0.03	28.73	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	7.13	ppb
Tin	118-1	0.98	1.03	1.06	1.02	3.48	ppb
Titanium	47-1	0.91	0.85	0.79	0.85	7.06	ppb
Uranium	238-1	0.62	0.61	0.61	0.61	0.95	ppb
Vanadium	51-2	4.38	4.28	4.29	4.31	1.24	ppb
Yttrium	89-1				89		%
Yttrium	89-2				75		%
Zinc	66-2	5.87	5.70	5.57	5.71	2.70	ppb
Zirconium	90-1	0.08	0.06	0.05	0.06	18.71	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-08	Instrumnet Name :	P7
Client Sample ID :	DUP-0488-180716	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:32:16	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.05	0.05	0.06	22.90	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4050-01	Instrumnet Name :	P7
Client Sample ID :	KY030SW001-180717	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:35:50	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.10	8.76	6.67	7.51	14.69	ppb
Antimony	121-1	2.20	2.01	1.93	2.05	6.82	ppb
Arsenic	75-2	2.93	2.96	2.76	2.88	3.76	ppb
Barium	135-1	87.80	84.46	84.84	85.70	2.14	ppb
Barium	137-1	86.35	83.84	85.23	85.14	1.48	ppb
Beryllium	9-1	0.03	0.04	0.05	0.04	29.80	ppb
Bismuth	209-1				105		%
Bismuth	209-2				90		%
Boron	10-1	387.63	379.36	390.32	385.77	1.48	ppb
Boron	11-1	401.19	400.20	402.12	401.17	0.24	ppb
Cadmium	111-1	-0.15	-0.20	-0.15	-0.17		ppb
Cadmium	106-1	-3.95	-4.71	-3.99	-4.22		ppb
Cadmium	108-1	0.00	0.00	0.02	0.00	221.34	ppb
Calcium	43-1	59726.68	59537.18	59177.62	59480.49	0.47	ppb
Calcium	44-1	63398.05	63125.70	63013.64	63179.13	0.31	ppb
Chromium	52-2	0.97	0.93	0.95	0.95	2.10	ppb
Cobalt	59-2	0.15	0.17	0.18	0.16	9.73	ppb
Copper	63-2	4.95	5.08	5.18	5.07	2.26	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				92		%
Indium	115-1				97		%
Indium	115-2				81		%
Iron	56-2	4.65	4.18	4.62	4.48	5.93	ppb
Iron	57-2	133.43	131.91	126.22	130.52	2.91	ppb
Lead	206-1	0.10	0.07	0.09	0.09	16.20	ppb
Lead	207-1	0.09	0.09	0.09	0.09	2.75	ppb
Lead	208-1	0.09	0.09	0.09	0.09	3.74	ppb
Lithium	6-1				84		%
Magnesium	24-2	11437.81	11528.15	11493.20	11486.39	0.40	ppb
Manganese	55-2	2.03	1.90	1.99	1.97	3.33	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4050-01	Instrumnet Name :	P7
Client Sample ID :	KY030SW001-180717	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:35:50	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.84	0.74	0.78	0.78	6.19	ppb
Molybdenum	95-1	1.15	1.09	1.04	1.10	5.14	ppb
Molybdenum	96-1	1.17	1.03	1.02	1.07	7.73	ppb
Molybdenum	97-1	1.16	1.14	1.13	1.14	1.18	ppb
Molybdenum	98-1	1.14	1.13	1.13	1.13	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.96	4.06	4.03	4.02	1.27	ppb
Phosphorus	31-2	-35.69	-4.07	-21.99	-20.58		ppb
Potassium	39-2	4038.98	4109.66	4051.94	4066.86	0.93	ppb
Rhodium	103-1				88		%
Rhodium	103-2				84		%
Scandium	45-1				83		%
Scandium	45-2				68		%
Selenium	77-2	3.23	2.84	4.39	3.49	23.17	ppb
Selenium	78-2	1.40	2.54	1.01	1.65	48.19	ppb
Selenium	82-1	3.16	3.13	2.39	2.89	15.18	ppb
Silicon	28-1	9356.52	9390.29	9220.28	9322.36	0.97	ppb
Silver	109-1	0.13	0.12	0.11	0.12	6.28	ppb
Silver	107-1	0.13	0.12	0.11	0.12	10.03	ppb
Sodium	23-2	87756.88	89325.84	88498.26	88526.99	0.89	ppb
Strontium	86-1	369.70	374.02	364.75	369.49	1.26	ppb
Strontium	88-1	384.90	386.52	385.99	385.80	0.21	ppb
Sulfur	34-1	21155.69	21122.61	20591.83	20956.71	1.51	ppb
Terbium	159-1				102		%
Terbium	159-2				90		%
Thallium	203-1	0.03	0.03	0.03	0.03	5.96	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	10.87	ppb
Tin	118-1	1.61	1.62	1.59	1.60	1.01	ppb
Titanium	47-1	1.01	1.14	1.15	1.10	7.16	ppb
Uranium	238-1	0.95	0.96	0.94	0.95	1.24	ppb
Vanadium	51-2	5.76	5.75	5.64	5.71	1.15	ppb
Yttrium	89-1				90		%
Yttrium	89-2				76		%
Zinc	66-2	6.04	6.22	6.20	6.15	1.63	ppb
Zirconium	90-1	0.02	0.03	0.04	0.03	29.26	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4050-01	Instrumnet Name :	P7
Client Sample ID :	KY030SW001-180717	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:35:50	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.02	0.02	9.86	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4050-02	Instrumnet Name :	P7
Client Sample ID :	KY030SP011-180717	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:39:24	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.31	2.03	2.87	2.40	17.75	ppb
Antimony	121-1	2.11	1.98	1.90	1.99	5.28	ppb
Arsenic	75-2	1.26	1.16	1.19	1.20	4.11	ppb
Barium	135-1	66.78	65.77	66.21	66.26	0.77	ppb
Barium	137-1	66.95	66.26	65.42	66.21	1.15	ppb
Beryllium	9-1	0.01	0.03	0.01	0.02	52.75	ppb
Bismuth	209-1				105		%
Bismuth	209-2				90		%
Boron	10-1	253.14	246.31	253.83	251.09	1.66	ppb
Boron	11-1	263.08	265.29	261.47	263.28	0.73	ppb
Cadmium	111-1	-0.23	-0.21	-0.19	-0.21		ppb
Cadmium	106-1	-5.41	-5.13	-4.51	-5.02		ppb
Cadmium	108-1	0.00	-0.02	-0.02	-0.01		ppb
Calcium	43-1	102605.64	102547.49	102509.13	102554.09	0.05	ppb
Calcium	44-1	108724.18	109644.48	109074.15	109147.60	0.43	ppb
Chromium	52-2	2.92	2.97	2.89	2.93	1.40	ppb
Cobalt	59-2	0.08	0.10	0.10	0.09	10.95	ppb
Copper	63-2	5.07	5.09	5.08	5.08	0.25	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				91		%
Indium	115-1				97		%
Indium	115-2				79		%
Iron	56-2	4.18	4.10	4.12	4.13	0.92	ppb
Iron	57-2	223.52	225.80	220.35	223.22	1.23	ppb
Lead	206-1	0.08	0.10	0.08	0.09	11.65	ppb
Lead	207-1	0.08	0.08	0.09	0.08	8.71	ppb
Lead	208-1	0.08	0.09	0.08	0.08	5.72	ppb
Lithium	6-1				82		%
Magnesium	24-2	7809.42	7844.74	7827.55	7827.24	0.23	ppb
Manganese	55-2	4.97	4.88	4.91	4.92	0.85	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4050-02	Instrumnet Name :	P7
Client Sample ID :	KY030SP011-180717	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:39:24	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.52	0.57	0.55	0.55	4.18	ppb
Molybdenum	95-1	0.68	0.72	0.73	0.71	3.54	ppb
Molybdenum	96-1	0.72	0.73	0.72	0.73	0.94	ppb
Molybdenum	97-1	0.64	0.71	0.76	0.70	8.42	ppb
Molybdenum	98-1	0.78	0.70	0.76	0.74	5.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.91	0.85	1.00	0.92	8.22	ppb
Phosphorus	31-2	24.26	-33.62	-3.82	-4.39		ppb
Potassium	39-2	2197.57	2204.56	2208.49	2203.54	0.25	ppb
Rhodium	103-1				88		%
Rhodium	103-2				80		%
Scandium	45-1				82		%
Scandium	45-2				67		%
Selenium	77-2	2.05	3.71	6.11	3.95	51.61	ppb
Selenium	78-2	2.26	1.34	1.56	1.72	27.80	ppb
Selenium	82-1	2.78	2.47	2.96	2.73	9.06	ppb
Silicon	28-1	8273.81	8430.07	8279.67	8327.85	1.06	ppb
Silver	109-1	0.11	0.13	0.12	0.12	9.62	ppb
Silver	107-1	0.11	0.11	0.13	0.12	7.24	ppb
Sodium	23-2	49784.09	49439.38	49529.42	49584.29	0.36	ppb
Strontium	86-1	416.39	413.46	417.08	415.64	0.46	ppb
Strontium	88-1	435.62	435.75	438.06	436.48	0.31	ppb
Sulfur	34-1	12560.43	12505.58	12417.59	12494.53	0.58	ppb
Terbium	159-1				101		%
Terbium	159-2				89		%
Thallium	203-1	0.03	0.03	0.02	0.03	16.52	ppb
Thallium	205-1	0.03	0.02	0.03	0.02	3.20	ppb
Tin	118-1	1.32	1.33	1.31	1.32	0.80	ppb
Titanium	47-1	1.12	0.98	1.20	1.10	10.50	ppb
Uranium	238-1	1.52	1.47	1.52	1.50	1.84	ppb
Vanadium	51-2	5.05	4.96	4.88	4.96	1.72	ppb
Yttrium	89-1				89		%
Yttrium	89-2				75		%
Zinc	66-2	6.56	6.85	6.56	6.66	2.55	ppb
Zirconium	90-1	0.04	0.03	0.04	0.03	16.36	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4050-02	Instrumnet Name :	P7
Client Sample ID :	KY030SP011-180717	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:39:24	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.02	0.02	0.03	52.75	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4050-03	Instrumnet Name :	P7
Client Sample ID :	KY030SP003-180717	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:42:57	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.17	2.75	2.79	2.57	13.55	ppb
Antimony	121-1	2.07	1.92	1.84	1.95	6.03	ppb
Arsenic	75-2	0.85	1.11	0.91	0.96	14.36	ppb
Barium	135-1	67.61	68.69	69.18	68.49	1.17	ppb
Barium	137-1	69.37	70.10	70.13	69.87	0.61	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	8.59	ppb
Bismuth	209-1				105		%
Bismuth	209-2				91		%
Boron	10-1	175.21	176.78	172.33	174.77	1.29	ppb
Boron	11-1	180.80	181.32	175.70	179.27	1.73	ppb
Cadmium	111-1	-0.14	-0.21	-0.21	-0.19		ppb
Cadmium	106-1	-3.23	-5.00	-4.89	-4.37		ppb
Cadmium	108-1	0.02	-0.05	-0.02	-0.02		ppb
Calcium	43-1	103602.61	103030.59	103071.83	103235.01	0.31	ppb
Calcium	44-1	109733.89	109940.75	110242.28	109972.31	0.23	ppb
Chromium	52-2	3.09	3.10	3.13	3.11	0.66	ppb
Cobalt	59-2	0.07	0.07	0.08	0.07	8.43	ppb
Copper	63-2	4.33	4.44	4.29	4.35	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				102		%
Holmium	165-2				92		%
Indium	115-1				96		%
Indium	115-2				79		%
Iron	56-2	8.00	7.89	7.84	7.91	1.05	ppb
Iron	57-2	225.77	213.73	224.61	221.37	3.00	ppb
Lead	206-1	0.08	0.11	0.08	0.09	14.65	ppb
Lead	207-1	0.10	0.09	0.10	0.09	8.12	ppb
Lead	208-1	0.09	0.10	0.10	0.10	3.05	ppb
Lithium	6-1				81		%
Magnesium	24-2	8568.58	8571.70	8552.66	8564.31	0.12	ppb
Manganese	55-2	4.13	4.18	4.12	4.14	0.75	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4050-03	Instrumnet Name :	P7
Client Sample ID :	KY030SP003-180717	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:42:57	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.69	0.68	0.68	0.68	0.75	ppb
Molybdenum	95-1	0.93	0.92	0.95	0.93	1.74	ppb
Molybdenum	96-1	0.87	0.84	0.88	0.86	2.32	ppb
Molybdenum	97-1	0.88	0.97	0.98	0.94	5.98	ppb
Molybdenum	98-1	0.97	0.97	0.91	0.95	3.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.42	0.43	0.42	0.42	1.30	ppb
Phosphorus	31-2	-21.48	-33.01	4.04	-16.82		ppb
Potassium	39-2	2012.79	2001.84	1982.66	1999.10	0.76	ppb
Rhodium	103-1				87		%
Rhodium	103-2				82		%
Scandium	45-1				81		%
Scandium	45-2				66		%
Selenium	77-2	2.07	2.49	5.30	3.28	53.46	ppb
Selenium	78-2	0.94	0.68	2.17	1.26	63.01	ppb
Selenium	82-1	1.26	1.81	1.48	1.52	18.34	ppb
Silicon	28-1	8909.45	8890.08	8864.91	8888.15	0.25	ppb
Silver	109-1	0.13	0.10	0.11	0.12	13.63	ppb
Silver	107-1	0.11	0.10	0.11	0.11	4.83	ppb
Sodium	23-2	27368.38	27210.14	27058.57	27212.36	0.57	ppb
Strontium	86-1	456.91	455.75	455.16	455.94	0.20	ppb
Strontium	88-1	481.55	481.82	482.89	482.09	0.15	ppb
Sulfur	34-1	5717.54	5567.60	5513.19	5599.44	1.89	ppb
Terbium	159-1				101		%
Terbium	159-2				90		%
Thallium	203-1	0.02	0.02	0.01	0.02	37.21	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	8.49	ppb
Tin	118-1	0.97	0.95	1.00	0.97	2.78	ppb
Titanium	47-1	1.02	1.06	1.12	1.07	4.76	ppb
Uranium	238-1	1.71	1.71	1.72	1.71	0.30	ppb
Vanadium	51-2	3.92	4.24	4.06	4.07	3.94	ppb
Yttrium	89-1				89		%
Yttrium	89-2				74		%
Zinc	66-2	5.24	4.98	5.28	5.17	3.24	ppb
Zirconium	90-1	0.04	0.03	0.02	0.03	32.46	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4050-03	Instrumnet Name :	P7
Client Sample ID :	KY030SP003-180717	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:42:57	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.04	0.01	0.03	65.22	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4050-04	Instrumnet Name :	P7
Client Sample ID :	KY030OF001-180717	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:46:31	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.36	2.44	1.26	2.02	32.67	ppb
Antimony	121-1	2.09	1.98	1.86	1.98	5.95	ppb
Arsenic	75-2	1.16	1.18	1.25	1.20	4.01	ppb
Barium	135-1	132.51	131.92	129.73	131.39	1.11	ppb
Barium	137-1	131.86	131.63	129.83	131.11	0.85	ppb
Beryllium	9-1	0.01	0.03	0.01	0.02	43.41	ppb
Bismuth	209-1				104		%
Bismuth	209-2				90		%
Boron	10-1	268.45	273.76	272.68	271.63	1.03	ppb
Boron	11-1	283.02	281.48	285.84	283.45	0.78	ppb
Cadmium	111-1	0.01	-0.02	0.03	0.00	608.59	ppb
Cadmium	106-1	-3.56	-4.21	-3.85	-3.87		ppb
Cadmium	108-1	0.25	0.28	0.05	0.19	63.96	ppb
Calcium	43-1	138541.54	138531.40	137208.69	138093.88	0.56	ppb
Calcium	44-1	138184.98	137517.17	137694.24	137798.80	0.25	ppb
Chromium	52-2	4.24	4.53	4.25	4.34	3.84	ppb
Cobalt	59-2	1.18	1.13	1.22	1.18	3.64	ppb
Copper	63-2	8.22	8.30	8.16	8.23	0.83	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				102		%
Holmium	165-2				92		%
Indium	115-1				95		%
Indium	115-2				79		%
Iron	56-2	11.94	11.67	11.38	11.66	2.42	ppb
Iron	57-2	280.98	282.16	275.68	279.61	1.23	ppb
Lead	206-1	0.09	0.11	0.10	0.10	7.19	ppb
Lead	207-1	0.11	0.10	0.11	0.11	3.29	ppb
Lead	208-1	0.10	0.10	0.10	0.10	1.85	ppb
Lithium	6-1				80		%
Magnesium	24-2	17495.19	17413.70	17283.52	17397.47	0.61	ppb
Manganese	55-2	113.63	113.02	111.17	112.61	1.14	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4050-04	Instrumnet Name :	P7
Client Sample ID :	KY030OF001-180717	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:46:31	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.24	4.33	4.12	4.23	2.52	ppb
Molybdenum	95-1	5.89	5.95	5.85	5.90	0.85	ppb
Molybdenum	96-1	5.81	5.80	5.73	5.78	0.73	ppb
Molybdenum	97-1	5.98	5.83	6.14	5.99	2.60	ppb
Molybdenum	98-1	6.01	5.99	6.10	6.03	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.56	16.20	16.20	16.32	1.30	ppb
Phosphorus	31-2	-19.88	-27.85	-7.37	-18.37		ppb
Potassium	39-2	3604.49	3599.29	3564.00	3589.26	0.61	ppb
Rhodium	103-1				86		%
Rhodium	103-2				77		%
Scandium	45-1				81		%
Scandium	45-2				66		%
Selenium	77-2	2.88	3.71	4.92	3.84	26.74	ppb
Selenium	78-2	0.25	1.40	0.24	0.63	106.68	ppb
Selenium	82-1	1.90	1.73	1.96	1.87	6.28	ppb
Silicon	28-1	7723.17	7664.87	7627.54	7671.86	0.63	ppb
Silver	109-1	0.11	0.09	0.11	0.10	8.38	ppb
Silver	107-1	0.09	0.10	0.11	0.10	12.46	ppb
Sodium	23-2	63271.02	63033.34	62594.98	62966.45	0.54	ppb
Strontium	86-1	814.56	814.77	806.62	811.98	0.57	ppb
Strontium	88-1	857.39	864.01	857.31	859.57	0.45	ppb
Sulfur	34-1	36936.48	37127.94	36645.14	36903.19	0.66	ppb
Terbium	159-1				101		%
Terbium	159-2				91		%
Thallium	203-1	0.06	0.07	0.07	0.06	11.78	ppb
Thallium	205-1	0.06	0.05	0.06	0.06	9.85	ppb
Tin	118-1	2.28	2.18	2.16	2.20	2.87	ppb
Titanium	47-1	1.06	1.06	0.98	1.04	4.35	ppb
Uranium	238-1	2.12	2.13	2.13	2.13	0.38	ppb
Vanadium	51-2	3.67	3.65	3.61	3.65	0.82	ppb
Yttrium	89-1				88		%
Yttrium	89-2				74		%
Zinc	66-2	10.89	10.90	10.71	10.83	0.97	ppb
Zirconium	90-1	0.07	0.06	0.06	0.06	7.94	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4050-04	Instrumnet Name :	P7
Client Sample ID :	KY030OF001-180717	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:46:31	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.06	0.08	0.06	34.76	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4069-01	Instrumnet Name :	P7
Client Sample ID :	KY030LC011-W-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:50:05	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.88	4.06	2.48	3.14	26.25	ppb
Antimony	121-1	2.23	2.07	2.00	2.10	5.69	ppb
Arsenic	75-2	2.19	2.40	2.28	2.29	4.48	ppb
Barium	135-1	56.01	55.75	55.59	55.78	0.38	ppb
Barium	137-1	56.18	56.32	55.72	56.07	0.56	ppb
Beryllium	9-1	0.03	0.01	0.02	0.02	51.30	ppb
Bismuth	209-1				106		%
Bismuth	209-2				91		%
Boron	10-1	131.71	130.74	137.97	133.47	2.94	ppb
Boron	11-1	139.66	139.45	140.65	139.92	0.46	ppb
Cadmium	111-1	-0.16	-0.14	-0.16	-0.15		ppb
Cadmium	106-1	-3.69	-3.51	-3.60	-3.60		ppb
Cadmium	108-1	-0.04	0.02	-0.04	-0.02		ppb
Calcium	43-1	69968.73	70051.99	70641.24	70220.66	0.52	ppb
Calcium	44-1	74943.26	74353.51	74872.92	74723.23	0.43	ppb
Chromium	52-2	0.65	0.67	0.63	0.65	2.43	ppb
Cobalt	59-2	0.10	0.12	0.13	0.12	10.48	ppb
Copper	63-2	4.03	4.09	4.32	4.14	3.63	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				91		%
Indium	115-1				95		%
Indium	115-2				78		%
Iron	56-2	12.27	12.30	12.09	12.22	0.94	ppb
Iron	57-2	159.24	155.12	161.96	158.77	2.17	ppb
Lead	206-1	0.10	0.11	0.08	0.10	14.59	ppb
Lead	207-1	0.09	0.08	0.08	0.08	6.84	ppb
Lead	208-1	0.10	0.09	0.09	0.09	5.45	ppb
Lithium	6-1				78		%
Magnesium	24-2	6023.03	6003.84	6144.94	6057.27	1.26	ppb
Manganese	55-2	8.06	8.00	8.26	8.11	1.69	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4069-01	Instrumnet Name :	P7
Client Sample ID :	KY030LC011-W-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:50:05	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.79	0.74	0.82	0.78	5.11	ppb
Molybdenum	95-1	1.08	1.06	1.03	1.05	2.58	ppb
Molybdenum	96-1	0.99	0.95	0.98	0.97	1.99	ppb
Molybdenum	97-1	1.02	1.03	1.01	1.02	0.86	ppb
Molybdenum	98-1	1.02	1.04	1.08	1.05	2.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.34	1.36	1.38	1.36	1.61	ppb
Phosphorus	31-2	66.46	6.89	62.49	45.28	73.56	ppb
Potassium	39-2	3771.37	3803.40	3847.37	3807.38	1.00	ppb
Rhodium	103-1				87		%
Rhodium	103-2				77		%
Scandium	45-1				79		%
Scandium	45-2				64		%
Selenium	77-2	3.77	1.27	1.27	2.10	68.49	ppb
Selenium	78-2	0.37	-0.02	-0.64	-0.10		ppb
Selenium	82-1	0.78	0.91	0.35	0.68	42.87	ppb
Silicon	28-1	5633.53	5565.06	5613.03	5603.87	0.63	ppb
Silver	109-1	0.10	0.09	0.10	0.10	3.63	ppb
Silver	107-1	0.10	0.10	0.13	0.11	15.06	ppb
Sodium	23-2	19811.85	19981.58	20365.07	20052.83	1.41	ppb
Strontium	86-1	294.69	296.00	291.17	293.96	0.85	ppb
Strontium	88-1	310.05	311.05	309.33	310.14	0.28	ppb
Sulfur	34-1	7580.39	7296.74	7457.81	7444.98	1.91	ppb
Terbium	159-1				100		%
Terbium	159-2				90		%
Thallium	203-1	0.02	0.01	0.01	0.01	21.00	ppb
Thallium	205-1	0.02	0.01	0.01	0.02	27.87	ppb
Tin	118-1	0.90	0.98	0.98	0.95	5.19	ppb
Titanium	47-1	0.78	0.92	1.04	0.91	14.12	ppb
Uranium	238-1	0.62	0.63	0.62	0.63	0.84	ppb
Vanadium	51-2	3.67	3.89	3.71	3.76	3.20	ppb
Yttrium	89-1				87		%
Yttrium	89-2				72		%
Zinc	66-2	9.25	8.77	8.61	8.88	3.72	ppb
Zirconium	90-1	0.04	0.05	0.04	0.04	9.35	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4069-01	Instrumnet Name :	P7
Client Sample ID :	KY030LC011-W-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:50:05	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.06	0.06	0.06	6.73	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4069-02	Instrumnet Name :	P7
Client Sample ID :	KY030OF003-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:53:38	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.63	4.98	4.57	5.39	20.21	ppb
Antimony	121-1	1.91	1.96	1.90	1.92	1.72	ppb
Arsenic	75-2	1.00	0.94	1.02	0.99	4.47	ppb
Barium	135-1	52.90	52.76	52.54	52.74	0.34	ppb
Barium	137-1	52.93	52.51	52.46	52.63	0.49	ppb
Beryllium	9-1	0.03	0.06	0.01	0.03	88.05	ppb
Bismuth	209-1				104		%
Bismuth	209-2				89		%
Boron	10-1	187.59	180.43	180.56	182.86	2.24	ppb
Boron	11-1	194.24	197.15	193.05	194.81	1.08	ppb
Cadmium	111-1	-0.16	-0.14	-0.21	-0.17		ppb
Cadmium	106-1	-4.17	-3.87	-5.17	-4.40		ppb
Cadmium	108-1	0.04	-0.02	-0.07	-0.02		ppb
Calcium	43-1	80688.32	81005.24	80253.98	80649.18	0.47	ppb
Calcium	44-1	86151.15	86867.26	86189.92	86402.77	0.47	ppb
Chromium	52-2	1.54	1.64	1.51	1.56	4.18	ppb
Cobalt	59-2	0.09	0.08	0.09	0.09	5.96	ppb
Copper	63-2	3.47	3.53	3.55	3.52	1.12	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				90		%
Indium	115-1				92		%
Indium	115-2				76		%
Iron	56-2	3.16	3.15	3.35	3.22	3.50	ppb
Iron	57-2	170.65	162.91	181.42	171.66	5.42	ppb
Lead	206-1	0.06	0.06	0.08	0.07	15.55	ppb
Lead	207-1	0.06	0.06	0.07	0.06	12.40	ppb
Lead	208-1	0.06	0.06	0.06	0.06	7.48	ppb
Lithium	6-1				77		%
Magnesium	24-2	7615.67	7633.04	7627.77	7625.49	0.12	ppb
Manganese	55-2	0.97	0.94	0.92	0.94	2.65	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4069-02	Instrumnet Name :	P7
Client Sample ID :	KY030OF003-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:53:38	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.90	0.81	0.86	0.86	5.03	ppb
Molybdenum	95-1	1.15	1.17	1.15	1.16	1.06	ppb
Molybdenum	96-1	1.08	1.02	1.05	1.05	2.99	ppb
Molybdenum	97-1	1.09	1.17	1.11	1.12	3.51	ppb
Molybdenum	98-1	1.04	1.16	1.10	1.10	5.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.51	0.53	0.66	0.57	14.26	ppb
Phosphorus	31-2	-8.63	-31.72	-43.25	-27.87		ppb
Potassium	39-2	1748.11	1740.33	1750.15	1746.20	0.30	ppb
Rhodium	103-1				84		%
Rhodium	103-2				75		%
Scandium	45-1				78		%
Scandium	45-2				63		%
Selenium	77-2	3.42	3.00	3.45	3.29	7.62	ppb
Selenium	78-2	1.07	1.51	0.03	0.87	87.32	ppb
Selenium	82-1	2.37	2.19	2.38	2.31	4.70	ppb
Silicon	28-1	8193.61	8256.63	8116.57	8188.94	0.86	ppb
Silver	109-1	0.08	0.09	0.10	0.09	9.18	ppb
Silver	107-1	0.10	0.10	0.10	0.10	1.21	ppb
Sodium	23-2	40652.15	40841.47	40487.65	40660.42	0.44	ppb
Strontium	86-1	356.98	354.00	355.90	355.62	0.42	ppb
Strontium	88-1	372.87	373.35	377.22	374.48	0.64	ppb
Sulfur	34-1	6902.76	6842.92	6617.53	6787.74	2.22	ppb
Terbium	159-1				98		%
Terbium	159-2				89		%
Thallium	203-1	0.01	0.01	0.01	0.01	12.79	ppb
Thallium	205-1	0.02	0.02	0.01	0.01	30.23	ppb
Tin	118-1	1.07	1.07	1.16	1.10	4.84	ppb
Titanium	47-1	0.99	0.94	0.97	0.96	2.50	ppb
Uranium	238-1	1.18	1.16	1.18	1.17	1.14	ppb
Vanadium	51-2	4.62	4.64	4.62	4.62	0.27	ppb
Yttrium	89-1				85		%
Yttrium	89-2				71		%
Zinc	66-2	4.32	3.95	4.09	4.12	4.50	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	7.95	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4069-02	Instrumnet Name :	P7
Client Sample ID :	KY030OF003-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:53:38	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.03	0.00	0.02	86.00	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:57:11	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51922.16	54748.38	51667.34	52779.29	3.24	ppb
Antimony	121-1	494.29	501.71	500.31	498.77	0.79	ppb
Arsenic	75-2	499.21	534.20	500.68	511.37	3.87	ppb
Barium	135-1	2409.56	2434.37	2420.16	2421.36	0.51	ppb
Barium	137-1	2425.15	2422.64	2412.63	2420.14	0.27	ppb
Beryllium	9-1	509.05	515.81	505.07	509.98	1.06	ppb
Bismuth	209-1				102		%
Bismuth	209-2				91		%
Boron	10-1	511.49	535.75	525.00	524.08	2.32	ppb
Boron	11-1	519.58	539.34	529.86	529.59	1.87	ppb
Cadmium	111-1	481.53	478.24	481.54	480.44	0.40	ppb
Cadmium	106-1	475.73	469.61	478.35	474.56	0.95	ppb
Cadmium	108-1	474.87	476.63	478.99	476.83	0.43	ppb
Calcium	43-1	244092.53	246176.79	242784.02	244351.11	0.70	ppb
Calcium	44-1	244308.94	245535.74	244009.95	244618.21	0.33	ppb
Chromium	52-2	532.79	567.40	534.02	544.73	3.61	ppb
Cobalt	59-2	520.76	554.49	525.00	533.42	3.44	ppb
Copper	63-2	1013.05	1076.55	1011.18	1033.59	3.60	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				109		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				84		%
Iron	56-2	136906.46	147261.14	138381.27	140849.62	3.98	ppb
Iron	57-2	138246.09	147275.13	139437.13	141652.79	3.46	ppb
Lead	206-1	480.78	480.94	474.94	478.89	0.71	ppb
Lead	207-1	480.83	482.88	476.32	480.01	0.70	ppb
Lead	208-1	501.73	501.53	498.23	500.50	0.39	ppb
Lithium	6-1				79		%
Magnesium	24-2	267638.59	281894.18	265948.04	271826.94	3.22	ppb
Manganese	55-2	1007.24	1078.99	1012.81	1033.01	3.86	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:57:11	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2557.36	2548.85	2547.47	2551.23	0.21	ppb
Molybdenum	95-1	2554.50	2550.69	2553.11	2552.76	0.08	ppb
Molybdenum	96-1	2550.56	2550.29	2559.73	2553.53	0.21	ppb
Molybdenum	97-1	2574.40	2548.89	2553.45	2558.91	0.53	ppb
Molybdenum	98-1	2571.84	2556.19	2553.81	2560.61	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	526.15	563.86	530.39	540.13	3.82	ppb
Phosphorus	31-2	9766.74	10193.70	9395.79	9785.41	4.08	ppb
Potassium	39-2	127560.98	133609.57	127315.96	129495.50	2.75	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				93		%
Scandium	45-2				84		%
Selenium	77-2	491.47	516.18	477.29	494.98	3.98	ppb
Selenium	78-2	479.73	494.44	477.30	483.82	1.92	ppb
Selenium	82-1	452.42	449.03	455.36	452.27	0.70	ppb
Silicon	28-1	424.93	437.87	439.92	434.24	1.87	ppb
Silver	109-1	477.91	480.42	480.61	479.65	0.31	ppb
Silver	107-1	474.88	479.42	481.37	478.56	0.70	ppb
Sodium	23-2	270377.12	286752.38	271249.52	276126.34	3.34	ppb
Strontium	86-1	480.89	478.31	481.10	480.10	0.32	ppb
Strontium	88-1	506.57	505.64	505.68	505.96	0.10	ppb
Sulfur	34-1	8401.38	8618.03	8489.63	8503.01	1.28	ppb
Terbium	159-1				108		%
Terbium	159-2				98		%
Thallium	203-1	521.59	520.70	519.39	520.56	0.21	ppb
Thallium	205-1	517.05	515.34	512.45	514.95	0.45	ppb
Tin	118-1	482.40	485.77	486.92	485.03	0.48	ppb
Titanium	47-1	2368.63	2371.09	2369.08	2369.60	0.06	ppb
Uranium	238-1	525.69	531.73	525.80	527.74	0.65	ppb
Vanadium	51-2	519.76	552.67	521.25	531.23	3.50	ppb
Yttrium	89-1				98		%
Yttrium	89-2				87		%
Zinc	66-2	986.85	1059.04	998.89	1014.93	3.81	ppb
Zirconium	90-1	504.89	506.73	504.04	505.22	0.27	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:57:11	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	482.09	480.19	484.28	482.19	0.42	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:00:50	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.07	3.42	1.85	2.78	29.70	ppb
Antimony	121-1	0.38	0.36	0.31	0.35	9.78	ppb
Arsenic	75-2	0.06	0.20	0.06	0.11	75.69	ppb
Barium	135-1	0.34	0.31	0.29	0.32	8.32	ppb
Barium	137-1	0.39	0.29	0.28	0.32	18.51	ppb
Beryllium	9-1	0.12	0.11	0.11	0.11	6.63	ppb
Bismuth	209-1				108		%
Bismuth	209-2				99		%
Boron	10-1	25.02	24.38	21.50	23.63	7.95	ppb
Boron	11-1	24.30	24.09	21.66	23.35	6.28	ppb
Cadmium	111-1	0.02	-0.02	0.05	0.01	248.64	ppb
Cadmium	106-1	-2.29	-2.59	-1.56	-2.14		ppb
Cadmium	108-1	0.08	0.10	0.00	0.06	95.09	ppb
Calcium	43-1	42.67	31.29	20.18	31.38	35.84	ppb
Calcium	44-1	39.66	35.10	28.99	34.58	15.49	ppb
Chromium	52-2	0.07	0.09	0.04	0.07	40.44	ppb
Cobalt	59-2	0.05	0.03	0.03	0.04	23.98	ppb
Copper	63-2	0.47	0.47	0.44	0.46	2.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				89		%
Iron	56-2	11.26	9.21	7.88	9.45	18.01	ppb
Iron	57-2	10.31	9.51	6.67	8.83	21.66	ppb
Lead	206-1	0.07	0.05	0.05	0.06	24.43	ppb
Lead	207-1	0.07	0.04	0.05	0.05	27.97	ppb
Lead	208-1	0.07	0.05	0.05	0.06	20.33	ppb
Lithium	6-1				86		%
Magnesium	24-2	20.40	17.64	16.37	18.13	11.36	ppb
Manganese	55-2	0.07	0.09	0.04	0.07	34.81	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:00:50	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.62	0.56	0.45	0.55	15.91	ppb
Molybdenum	95-1	0.61	0.55	0.49	0.55	10.53	ppb
Molybdenum	96-1	0.63	0.57	0.54	0.58	7.70	ppb
Molybdenum	97-1	0.63	0.52	0.52	0.56	11.28	ppb
Molybdenum	98-1	0.57	0.57	0.50	0.54	7.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.06	0.06	0.06	16.12	ppb
Phosphorus	31-2	-31.46	-13.15	-51.29	-31.97		ppb
Potassium	39-2	6.16	8.89	7.23	7.43	18.52	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				83		%
Selenium	77-2	0.35	0.00	0.00	0.12	173.21	ppb
Selenium	78-2	-0.01	-0.46	0.07	-0.13		ppb
Selenium	82-1	-0.60	0.00	0.38	-0.07		ppb
Silicon	28-1	-25.98	-26.67	-26.92	-26.52		ppb
Silver	109-1	0.10	0.10	0.11	0.10	1.72	ppb
Silver	107-1	0.12	0.12	0.08	0.11	18.28	ppb
Sodium	23-2	38.88	38.39	34.83	37.37	5.93	ppb
Strontium	86-1	0.04	0.07	0.06	0.05	28.61	ppb
Strontium	88-1	0.08	0.07	0.06	0.07	10.61	ppb
Sulfur	34-1	-691.90	-747.28	-592.30	-677.16		ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	0.14	0.13	0.10	0.12	15.19	ppb
Thallium	205-1	0.15	0.12	0.10	0.12	20.70	ppb
Tin	118-1	0.17	0.15	0.13	0.15	13.02	ppb
Titanium	47-1	0.47	0.49	0.26	0.40	31.89	ppb
Uranium	238-1	0.07	0.07	0.05	0.06	23.07	ppb
Vanadium	51-2	0.05	0.05	0.04	0.05	6.73	ppb
Yttrium	89-1				99		%
Yttrium	89-2				87		%
Zinc	66-2	0.05	0.14	0.05	0.08	58.24	ppb
Zirconium	90-1	0.10	0.08	0.09	0.09	11.33	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:00:50	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.09	0.08	0.09	12.50	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4069-03	Instrumnet Name :	P7
Client Sample ID :	KY030LC015-W-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:04:23	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.11	5.22	5.78	6.04	16.10	ppb
Antimony	121-1	9.96	6.60	5.00	7.19	35.20	ppb
Arsenic	75-2	2.44	2.58	2.55	2.52	3.04	ppb
Barium	135-1	57.25	57.64	57.59	57.49	0.37	ppb
Barium	137-1	57.39	57.05	57.64	57.36	0.52	ppb
Beryllium	9-1	0.06	0.03	0.02	0.04	50.01	ppb
Bismuth	209-1				104		%
Bismuth	209-2				91		%
Boron	10-1	122.65	124.54	127.09	124.76	1.79	ppb
Boron	11-1	128.38	127.72	129.91	128.67	0.87	ppb
Cadmium	111-1	-0.07	-0.12	-0.13	-0.11		ppb
Cadmium	106-1	-3.59	-4.34	-4.79	-4.24		ppb
Cadmium	108-1	0.04	0.07	0.02	0.04	63.06	ppb
Calcium	43-1	69868.17	69746.02	70027.51	69880.57	0.20	ppb
Calcium	44-1	75027.53	74632.75	75341.20	75000.49	0.47	ppb
Chromium	52-2	0.71	0.72	0.68	0.70	2.79	ppb
Cobalt	59-2	0.18	0.18	0.19	0.18	3.71	ppb
Copper	63-2	3.46	3.55	3.67	3.56	2.88	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				91		%
Indium	115-1				95		%
Indium	115-2				79		%
Iron	56-2	17.19	17.29	17.87	17.45	2.08	ppb
Iron	57-2	165.70	162.12	152.39	160.07	4.30	ppb
Lead	206-1	0.11	0.08	0.11	0.10	14.72	ppb
Lead	207-1	0.12	0.10	0.09	0.10	12.53	ppb
Lead	208-1	0.11	0.09	0.10	0.10	8.82	ppb
Lithium	6-1				88		%
Magnesium	24-2	6295.47	6291.48	6335.32	6307.42	0.38	ppb
Manganese	55-2	4.97	5.26	5.18	5.14	2.86	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4069-03	Instrumnet Name :	P7
Client Sample ID :	KY030LC015-W-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:04:23	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.04	1.05	1.14	1.08	4.96	ppb
Molybdenum	95-1	1.19	1.17	1.19	1.18	0.91	ppb
Molybdenum	96-1	1.21	1.19	1.28	1.23	3.70	ppb
Molybdenum	97-1	1.14	1.22	1.48	1.28	13.50	ppb
Molybdenum	98-1	1.21	1.23	1.25	1.23	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.29	1.27	1.28	1.28	0.84	ppb
Phosphorus	31-2	44.72	15.10	40.74	33.52	47.96	ppb
Potassium	39-2	4092.68	4051.96	4033.93	4059.52	0.74	ppb
Rhodium	103-1				86		%
Rhodium	103-2				81		%
Scandium	45-1				81		%
Scandium	45-2				65		%
Selenium	77-2	0.84	2.11	2.09	1.68	43.43	ppb
Selenium	78-2	-0.74	0.39	0.98	0.21	415.21	ppb
Selenium	82-1	0.30	0.50	0.83	0.54	49.44	ppb
Silicon	28-1	5512.98	5478.54	5490.08	5493.86	0.32	ppb
Silver	109-1	0.24	0.20	0.19	0.21	11.11	ppb
Silver	107-1	0.25	0.20	0.18	0.21	17.65	ppb
Sodium	23-2	21210.66	21175.65	21139.34	21175.21	0.17	ppb
Strontium	86-1	306.17	304.60	307.18	305.99	0.43	ppb
Strontium	88-1	322.64	322.41	324.70	323.25	0.39	ppb
Sulfur	34-1	8052.35	7944.71	7796.19	7931.09	1.62	ppb
Terbium	159-1				99		%
Terbium	159-2				90		%
Thallium	203-1	0.17	0.15	0.14	0.15	11.33	ppb
Thallium	205-1	0.20	0.15	0.13	0.16	21.52	ppb
Tin	118-1	0.91	1.00	0.95	0.96	4.72	ppb
Titanium	47-1	1.01	1.36	1.31	1.23	15.57	ppb
Uranium	238-1	0.58	0.61	0.60	0.60	2.52	ppb
Vanadium	51-2	3.40	3.53	3.51	3.48	2.01	ppb
Yttrium	89-1				88		%
Yttrium	89-2				73		%
Zinc	66-2	7.50	6.95	6.52	6.99	7.02	ppb
Zirconium	90-1	0.15	0.15	0.15	0.15	1.23	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4069-03	Instrumnet Name :	P7
Client Sample ID :	KY030LC015-W-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:04:23	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.17	0.17	0.16	0.17	3.42	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4069-04	Instrumnet Name :	P7
Client Sample ID :	KY030SP005-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:07:56	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.76	3.40	2.79	3.31	14.77	ppb
Antimony	121-1	2.59	2.35	2.38	2.44	5.53	ppb
Arsenic	75-2	1.07	1.27	1.07	1.14	10.23	ppb
Barium	135-1	69.35	68.72	68.83	68.97	0.49	ppb
Barium	137-1	69.22	68.84	69.20	69.09	0.31	ppb
Beryllium	9-1	0.04	0.03	0.03	0.04	24.58	ppb
Bismuth	209-1				105		%
Bismuth	209-2				91		%
Boron	10-1	154.65	152.63	155.79	154.35	1.04	ppb
Boron	11-1	157.46	158.43	163.67	159.85	2.09	ppb
Cadmium	111-1	-0.19	-0.20	-0.18	-0.19		ppb
Cadmium	106-1	-4.94	-4.85	-4.62	-4.80		ppb
Cadmium	108-1	-0.02	0.09	-0.05	0.01	1204.67	ppb
Calcium	43-1	104073.75	103416.06	104586.84	104025.55	0.56	ppb
Calcium	44-1	110995.74	110641.99	112862.81	111500.18	1.07	ppb
Chromium	52-2	1.42	1.54	1.55	1.50	4.81	ppb
Cobalt	59-2	0.12	0.12	0.12	0.12	2.55	ppb
Copper	63-2	6.36	6.61	6.73	6.57	2.87	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				92		%
Indium	115-1				94		%
Indium	115-2				78		%
Iron	56-2	5.36	5.68	5.45	5.50	3.07	ppb
Iron	57-2	210.64	225.94	221.36	219.31	3.58	ppb
Lead	206-1	0.11	0.13	0.14	0.13	12.53	ppb
Lead	207-1	0.11	0.13	0.12	0.12	10.05	ppb
Lead	208-1	0.12	0.13	0.13	0.13	4.84	ppb
Lithium	6-1				83		%
Magnesium	24-2	8560.98	8857.65	8897.43	8772.02	2.10	ppb
Manganese	55-2	4.18	4.67	4.39	4.41	5.51	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4069-04	Instrumnet Name :	P7
Client Sample ID :	KY030SP005-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:07:56	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.49	0.47	0.44	0.47	4.74	ppb
Molybdenum	95-1	0.51	0.53	0.53	0.52	2.41	ppb
Molybdenum	96-1	0.57	0.48	0.59	0.55	11.45	ppb
Molybdenum	97-1	0.57	0.53	0.62	0.57	8.16	ppb
Molybdenum	98-1	0.56	0.51	0.57	0.55	5.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.17	1.25	1.08	1.17	7.50	ppb
Phosphorus	31-2	-36.45	-16.72	-24.24	-25.80		ppb
Potassium	39-2	1801.99	1875.35	1875.40	1850.91	2.29	ppb
Rhodium	103-1				85		%
Rhodium	103-2				78		%
Scandium	45-1				80		%
Scandium	45-2				64		%
Selenium	77-2	5.41	1.70	1.71	2.94	72.69	ppb
Selenium	78-2	1.17	0.76	1.57	1.17	34.45	ppb
Selenium	82-1	1.12	1.73	1.16	1.34	25.67	ppb
Silicon	28-1	8945.89	8962.07	9062.99	8990.32	0.71	ppb
Silver	109-1	0.13	0.14	0.12	0.13	8.28	ppb
Silver	107-1	0.15	0.12	0.13	0.13	10.67	ppb
Sodium	23-2	20871.54	21582.42	21682.91	21378.95	2.07	ppb
Strontium	86-1	541.30	539.72	548.85	543.29	0.90	ppb
Strontium	88-1	570.88	573.52	579.82	574.74	0.80	ppb
Sulfur	34-1	5590.16	5633.88	5542.22	5588.75	0.82	ppb
Terbium	159-1				99		%
Terbium	159-2				90		%
Thallium	203-1	0.03	0.03	0.03	0.03	4.12	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	5.21	ppb
Tin	118-1	1.73	1.75	1.87	1.78	4.28	ppb
Titanium	47-1	1.61	1.68	1.63	1.64	2.44	ppb
Uranium	238-1	1.20	1.20	1.21	1.20	0.08	ppb
Vanadium	51-2	2.64	2.74	2.72	2.70	1.96	ppb
Yttrium	89-1				87		%
Yttrium	89-2				72		%
Zinc	66-2	6.63	6.15	7.16	6.65	7.63	ppb
Zirconium	90-1	0.06	0.08	0.07	0.07	15.13	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4069-04	Instrumnet Name :	P7
Client Sample ID :	KY030SP005-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:07:56	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.08	0.10	0.08	18.95	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4069-05	Instrumnet Name :	P7
Client Sample ID :	KY030LC018-W-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:11:30	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.34	5.00	2.47	3.60	35.59	ppb
Antimony	121-1	2.34	2.21	2.15	2.23	4.44	ppb
Arsenic	75-2	2.61	2.76	2.71	2.69	2.87	ppb
Barium	135-1	56.89	56.24	57.06	56.73	0.76	ppb
Barium	137-1	57.22	55.64	57.19	56.68	1.59	ppb
Beryllium	9-1	0.03	0.01	0.04	0.03	50.21	ppb
Bismuth	209-1				106		%
Bismuth	209-2				92		%
Boron	10-1	128.24	134.68	137.86	133.59	3.67	ppb
Boron	11-1	137.56	141.83	142.46	140.62	1.90	ppb
Cadmium	111-1	-0.21	-0.16	-0.19	-0.19		ppb
Cadmium	106-1	-5.24	-3.87	-4.88	-4.66		ppb
Cadmium	108-1	-0.05	0.00	-0.09	-0.05		ppb
Calcium	43-1	68117.30	68050.26	69670.88	68612.82	1.34	ppb
Calcium	44-1	72836.71	72908.76	74159.31	73301.60	1.01	ppb
Chromium	52-2	0.79	0.86	0.74	0.80	7.44	ppb
Cobalt	59-2	0.19	0.20	0.19	0.19	2.84	ppb
Copper	63-2	5.07	5.19	5.04	5.10	1.53	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				93		%
Indium	115-1				95		%
Indium	115-2				79		%
Iron	56-2	13.63	13.67	13.43	13.57	0.95	ppb
Iron	57-2	152.38	152.32	148.12	150.94	1.62	ppb
Lead	206-1	0.06	0.06	0.08	0.07	16.82	ppb
Lead	207-1	0.06	0.05	0.06	0.06	7.35	ppb
Lead	208-1	0.06	0.07	0.07	0.07	7.50	ppb
Lithium	6-1				78		%
Magnesium	24-2	6230.78	6307.55	6110.56	6216.30	1.60	ppb
Manganese	55-2	5.54	5.48	5.42	5.48	1.05	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4069-05	Instrumnet Name :	P7
Client Sample ID :	KY030LC018-W-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:11:30	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.98	0.99	0.98	0.98	0.48	ppb
Molybdenum	95-1	1.31	1.25	1.30	1.28	2.52	ppb
Molybdenum	96-1	1.16	1.15	1.17	1.16	0.60	ppb
Molybdenum	97-1	1.40	1.34	1.27	1.34	4.71	ppb
Molybdenum	98-1	1.27	1.21	1.30	1.26	3.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.65	1.86	1.65	1.72	6.88	ppb
Phosphorus	31-2	21.78	35.86	17.79	25.14	37.76	ppb
Potassium	39-2	4301.54	4362.19	4256.77	4306.83	1.23	ppb
Rhodium	103-1				87		%
Rhodium	103-2				85		%
Scandium	45-1				79		%
Scandium	45-2				64		%
Selenium	77-2	1.68	1.26	1.63	1.52	15.14	ppb
Selenium	78-2	0.45	-0.18	0.83	0.36	139.96	ppb
Selenium	82-1	0.75	0.77	0.32	0.61	42.15	ppb
Silicon	28-1	5200.60	5209.00	5262.02	5223.87	0.64	ppb
Silver	109-1	0.12	0.11	0.10	0.11	8.78	ppb
Silver	107-1	0.12	0.10	0.12	0.11	9.07	ppb
Sodium	23-2	21858.57	21988.80	21313.55	21720.31	1.65	ppb
Strontium	86-1	297.75	296.75	296.98	297.16	0.18	ppb
Strontium	88-1	313.56	312.16	317.32	314.35	0.85	ppb
Sulfur	34-1	7818.31	7521.34	7841.69	7727.11	2.31	ppb
Terbium	159-1				101		%
Terbium	159-2				92		%
Thallium	203-1	0.02	0.02	0.03	0.02	19.32	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	8.99	ppb
Tin	118-1	2.22	2.17	2.22	2.20	1.33	ppb
Titanium	47-1	1.05	1.08	0.93	1.02	7.50	ppb
Uranium	238-1	0.58	0.59	0.58	0.58	1.22	ppb
Vanadium	51-2	3.74	3.86	3.79	3.80	1.63	ppb
Yttrium	89-1				88		%
Yttrium	89-2				74		%
Zinc	66-2	4.74	5.08	4.31	4.71	8.25	ppb
Zirconium	90-1	0.07	0.08	0.08	0.08	2.75	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4069-05	Instrumnet Name :	P7
Client Sample ID :	KY030LC018-W-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:11:30	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.11	0.08	0.08	37.22	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4069-06	Instrumnet Name :	P7
Client Sample ID :	DUP-0489-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:15:03	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.44	3.94	4.19	4.19	6.03	ppb
Antimony	121-1	2.32	2.13	2.09	2.18	5.62	ppb
Arsenic	75-2	2.26	2.40	2.25	2.30	3.69	ppb
Barium	135-1	56.85	56.46	55.95	56.42	0.79	ppb
Barium	137-1	57.22	55.60	56.27	56.37	1.44	ppb
Beryllium	9-1	0.03	0.01	0.03	0.02	60.81	ppb
Bismuth	209-1				106		%
Bismuth	209-2				91		%
Boron	10-1	131.24	130.78	135.73	132.58	2.06	ppb
Boron	11-1	136.01	136.69	137.13	136.61	0.41	ppb
Cadmium	111-1	-0.17	-0.15	-0.12	-0.15		ppb
Cadmium	106-1	-3.93	-3.49	-3.05	-3.49		ppb
Cadmium	108-1	-0.02	-0.07	0.00	-0.03		ppb
Calcium	43-1	70073.61	69413.60	69672.50	69719.90	0.48	ppb
Calcium	44-1	74937.56	74511.53	75015.75	74821.62	0.36	ppb
Chromium	52-2	0.77	0.84	0.72	0.78	7.82	ppb
Cobalt	59-2	0.15	0.15	0.12	0.14	10.35	ppb
Copper	63-2	4.63	4.67	4.66	4.65	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				92		%
Indium	115-1				95		%
Indium	115-2				77		%
Iron	56-2	15.21	15.11	15.33	15.22	0.70	ppb
Iron	57-2	159.55	163.41	162.87	161.94	1.29	ppb
Lead	206-1	0.16	0.14	0.13	0.14	10.25	ppb
Lead	207-1	0.17	0.17	0.14	0.16	8.89	ppb
Lead	208-1	0.15	0.15	0.15	0.15	2.35	ppb
Lithium	6-1				75		%
Magnesium	24-2	6082.70	6065.01	6054.39	6067.36	0.24	ppb
Manganese	55-2	8.99	8.88	8.79	8.89	1.15	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4069-06	Instrumnet Name :	P7
Client Sample ID :	DUP-0489-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:15:03	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.83	0.78	0.80	0.80	3.00	ppb
Molybdenum	95-1	1.07	1.12	1.00	1.07	5.83	ppb
Molybdenum	96-1	1.01	1.02	1.08	1.03	3.70	ppb
Molybdenum	97-1	1.26	1.08	0.98	1.10	12.82	ppb
Molybdenum	98-1	1.01	1.06	1.08	1.05	3.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.72	1.76	1.63	1.71	4.02	ppb
Phosphorus	31-2	14.35	53.35	34.13	33.94	57.44	ppb
Potassium	39-2	3867.44	3866.92	3868.57	3867.64	0.02	ppb
Rhodium	103-1				87		%
Rhodium	103-2				77		%
Scandium	45-1				79		%
Scandium	45-2				63		%
Selenium	77-2	2.54	5.09	3.80	3.81	33.38	ppb
Selenium	78-2	0.40	1.18	0.32	0.63	74.33	ppb
Selenium	82-1	0.62	0.58	0.78	0.66	16.06	ppb
Silicon	28-1	5645.72	5553.46	5579.70	5592.96	0.85	ppb
Silver	109-1	0.12	0.09	0.11	0.10	15.89	ppb
Silver	107-1	0.10	0.09	0.11	0.10	9.91	ppb
Sodium	23-2	20560.96	20478.61	20325.66	20455.08	0.58	ppb
Strontium	86-1	297.34	294.59	292.12	294.69	0.89	ppb
Strontium	88-1	313.68	313.71	311.71	313.04	0.37	ppb
Sulfur	34-1	6961.56	6834.64	6699.66	6831.95	1.92	ppb
Terbium	159-1				101		%
Terbium	159-2				90		%
Thallium	203-1	0.02	0.02	0.02	0.02	7.14	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	18.28	ppb
Tin	118-1	1.36	1.39	1.37	1.37	1.02	ppb
Titanium	47-1	0.98	0.91	1.25	1.04	17.22	ppb
Uranium	238-1	0.63	0.63	0.63	0.63	0.16	ppb
Vanadium	51-2	3.59	3.76	3.69	3.68	2.30	ppb
Yttrium	89-1				87		%
Yttrium	89-2				72		%
Zinc	66-2	9.46	8.64	9.43	9.18	5.07	ppb
Zirconium	90-1	0.07	0.08	0.06	0.07	14.47	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4069-06	Instrumnet Name :	P7
Client Sample ID :	DUP-0489-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:15:03	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.08	0.05	0.07	23.69	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4100-01	Instrumnet Name :	P7
Client Sample ID :	LA119SW005-W-180719	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:18:37	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.00	8.92	7.46	7.46	19.56	ppb
Antimony	121-1	2.17	2.11	2.10	2.13	1.86	ppb
Arsenic	75-2	2.68	2.64	2.74	2.69	1.80	ppb
Barium	135-1	60.01	61.99	59.62	60.54	2.10	ppb
Barium	137-1	60.66	61.85	59.47	60.66	1.96	ppb
Beryllium	9-1	0.03	0.01	0.05	0.03	67.73	ppb
Bismuth	209-1				106		%
Bismuth	209-2				91		%
Boron	10-1	151.32	156.06	147.13	151.50	2.95	ppb
Boron	11-1	155.80	162.06	157.27	158.38	2.07	ppb
Cadmium	111-1	-0.15	-0.18	-0.18	-0.17		ppb
Cadmium	106-1	-3.54	-4.22	-4.16	-3.97		ppb
Cadmium	108-1	-0.05	0.02	0.00	-0.01		ppb
Calcium	43-1	72334.84	73237.43	71489.32	72353.86	1.21	ppb
Calcium	44-1	77406.96	79287.72	76905.33	77866.67	1.61	ppb
Chromium	52-2	0.69	0.69	0.77	0.72	6.35	ppb
Cobalt	59-2	0.21	0.24	0.25	0.24	8.01	ppb
Copper	63-2	3.58	3.60	3.65	3.61	1.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				92		%
Indium	115-1				95		%
Indium	115-2				77		%
Iron	56-2	19.65	19.29	19.58	19.51	0.99	ppb
Iron	57-2	168.50	175.18	177.33	173.67	2.65	ppb
Lead	206-1	0.18	0.20	0.18	0.19	6.59	ppb
Lead	207-1	0.17	0.17	0.16	0.17	2.81	ppb
Lead	208-1	0.17	0.18	0.17	0.17	5.07	ppb
Lithium	6-1				73		%
Magnesium	24-2	7298.56	7303.09	7223.96	7275.20	0.61	ppb
Manganese	55-2	8.67	9.07	8.61	8.78	2.81	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4100-01	Instrumnet Name :	P7
Client Sample ID :	LA119SW005-W-180719	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:18:37	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.89	0.97	0.96	0.94	4.88	ppb
Molybdenum	95-1	1.21	1.23	1.18	1.21	2.29	ppb
Molybdenum	96-1	1.12	1.24	1.11	1.16	6.25	ppb
Molybdenum	97-1	1.20	1.19	1.21	1.20	0.86	ppb
Molybdenum	98-1	1.20	1.25	1.16	1.20	3.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.51	1.54	1.40	1.48	5.09	ppb
Phosphorus	31-2	193.87	213.43	246.34	217.88	12.17	ppb
Potassium	39-2	4622.31	4666.25	4667.89	4652.15	0.56	ppb
Rhodium	103-1				86		%
Rhodium	103-2				76		%
Scandium	45-1				78		%
Scandium	45-2				63		%
Selenium	77-2	1.71	2.14	1.69	1.85	13.71	ppb
Selenium	78-2	-0.20	0.15	0.05	0.00	7191.81	ppb
Selenium	82-1	0.34	0.86	0.45	0.55	49.14	ppb
Silicon	28-1	5422.74	5548.19	5415.67	5462.20	1.36	ppb
Silver	109-1	0.10	0.09	0.09	0.09	6.64	ppb
Silver	107-1	0.09	0.10	0.09	0.09	8.30	ppb
Sodium	23-2	25290.45	25437.42	25285.70	25337.86	0.34	ppb
Strontium	86-1	358.17	364.77	353.16	358.70	1.62	ppb
Strontium	88-1	378.92	382.97	372.61	378.17	1.38	ppb
Sulfur	34-1	8412.93	8605.74	8099.22	8372.63	3.05	ppb
Terbium	159-1				100		%
Terbium	159-2				90		%
Thallium	203-1	0.02	0.01	0.02	0.02	27.96	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	13.41	ppb
Tin	118-1	0.81	0.94	0.85	0.87	7.38	ppb
Titanium	47-1	1.16	0.99	1.15	1.10	8.76	ppb
Uranium	238-1	0.60	0.63	0.58	0.60	4.80	ppb
Vanadium	51-2	3.42	3.45	3.45	3.44	0.47	ppb
Yttrium	89-1				87		%
Yttrium	89-2				72		%
Zinc	66-2	3.93	3.81	4.11	3.95	3.87	ppb
Zirconium	90-1	0.07	0.07	0.06	0.07	8.40	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4100-01	Instrumnet Name :	P7
Client Sample ID :	LA119SW005-W-180719	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:18:37	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.05	0.05	0.05	5.26	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4100-02	Instrumnet Name :	P7
Client Sample ID :	KY030OF016-180719	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:22:10	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.78	2.01	2.28	2.69	35.36	ppb
Antimony	121-1	2.10	2.04	1.96	2.03	3.51	ppb
Arsenic	75-2	2.16	2.31	2.32	2.26	4.06	ppb
Barium	135-1	58.34	59.48	58.73	58.85	0.98	ppb
Barium	137-1	57.67	58.83	58.03	58.17	1.02	ppb
Beryllium	9-1	0.05	0.01	0.02	0.03	74.48	ppb
Bismuth	209-1				105		%
Bismuth	209-2				89		%
Boron	10-1	148.24	150.86	151.13	150.08	1.06	ppb
Boron	11-1	149.06	156.01	155.93	153.67	2.59	ppb
Cadmium	111-1	-0.19	-0.20	-0.21	-0.20		ppb
Cadmium	106-1	-4.27	-4.42	-4.65	-4.44		ppb
Cadmium	108-1	-0.05	0.00	0.09	0.01	583.71	ppb
Calcium	43-1	70816.16	72260.07	71085.26	71387.16	1.08	ppb
Calcium	44-1	76701.82	77750.78	76756.05	77069.55	0.77	ppb
Chromium	52-2	0.72	0.73	0.68	0.71	4.18	ppb
Cobalt	59-2	0.15	0.15	0.14	0.15	4.33	ppb
Copper	63-2	3.84	3.81	3.99	3.88	2.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				90		%
Indium	115-1				93		%
Indium	115-2				75		%
Iron	56-2	19.16	19.34	20.35	19.62	3.27	ppb
Iron	57-2	165.10	164.31	165.27	164.89	0.31	ppb
Lead	206-1	0.07	0.07	0.07	0.07	4.66	ppb
Lead	207-1	0.08	0.06	0.06	0.07	17.82	ppb
Lead	208-1	0.07	0.07	0.06	0.07	5.04	ppb
Lithium	6-1				73		%
Magnesium	24-2	6831.22	6807.57	6992.48	6877.09	1.46	ppb
Manganese	55-2	11.36	11.03	11.79	11.39	3.33	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4100-02	Instrumnet Name :	P7
Client Sample ID :	KY030OF016-180719	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:22:10	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.85	0.94	0.94	0.91	5.59	ppb
Molybdenum	95-1	1.17	1.18	1.21	1.19	1.66	ppb
Molybdenum	96-1	1.18	1.13	1.10	1.14	3.46	ppb
Molybdenum	97-1	1.11	1.21	1.17	1.17	4.64	ppb
Molybdenum	98-1	1.20	1.20	1.18	1.19	1.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.48	1.28	1.24	1.33	9.96	ppb
Phosphorus	31-2	66.73	81.54	67.55	71.94	11.58	ppb
Potassium	39-2	4072.33	4040.81	4128.37	4080.51	1.09	ppb
Rhodium	103-1				85		%
Rhodium	103-2				75		%
Scandium	45-1				77		%
Scandium	45-2				61		%
Selenium	77-2	3.02	3.02	1.33	2.45	39.78	ppb
Selenium	78-2	0.38	-0.40	-0.78	-0.26		ppb
Selenium	82-1	0.65	0.47	0.96	0.70	35.42	ppb
Silicon	28-1	5387.65	5542.55	5455.83	5462.01	1.42	ppb
Silver	109-1	0.08	0.11	0.09	0.09	13.04	ppb
Silver	107-1	0.09	0.09	0.08	0.09	4.37	ppb
Sodium	23-2	24154.99	24147.56	24792.55	24365.04	1.52	ppb
Strontium	86-1	320.86	326.69	324.22	323.92	0.90	ppb
Strontium	88-1	343.37	347.21	345.27	345.28	0.56	ppb
Sulfur	34-1	8403.41	9067.09	8726.40	8732.30	3.80	ppb
Terbium	159-1				100		%
Terbium	159-2				89		%
Thallium	203-1	0.01	0.01	0.01	0.01	2.87	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	19.90	ppb
Tin	118-1	0.73	0.82	0.85	0.80	8.06	ppb
Titanium	47-1	0.86	0.92	1.06	0.95	10.70	ppb
Uranium	238-1	0.62	0.62	0.61	0.62	1.13	ppb
Vanadium	51-2	3.17	3.32	3.42	3.30	3.73	ppb
Yttrium	89-1				86		%
Yttrium	89-2				70		%
Zinc	66-2	2.83	2.95	3.07	2.95	4.18	ppb
Zirconium	90-1	0.07	0.06	0.06	0.06	6.63	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4100-02	Instrumnet Name :	P7
Client Sample ID :	KY030OF016-180719	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:22:10	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.06	0.06	0.06	6.37	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4100-03	Instrumnet Name :	P7
Client Sample ID :	KY030LC026-W-180719	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:25:44	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.48	2.40	2.81	2.56	8.63	ppb
Antimony	121-1	2.08	1.96	1.91	1.98	4.48	ppb
Arsenic	75-2	2.16	2.39	2.22	2.26	5.36	ppb
Barium	135-1	58.78	58.43	58.24	58.49	0.47	ppb
Barium	137-1	59.17	58.80	58.79	58.92	0.37	ppb
Beryllium	9-1	0.01	0.03	-0.01	0.01	173.59	ppb
Bismuth	209-1				104		%
Bismuth	209-2				90		%
Boron	10-1	150.24	152.33	150.54	151.04	0.75	ppb
Boron	11-1	158.35	155.36	157.49	157.07	0.98	ppb
Cadmium	111-1	-0.18	-0.22	-0.19	-0.20		ppb
Cadmium	106-1	-4.09	-5.03	-4.32	-4.48		ppb
Cadmium	108-1	0.00	-0.02	-0.07	-0.03		ppb
Calcium	43-1	74771.01	74288.91	74115.48	74391.80	0.46	ppb
Calcium	44-1	80308.01	80135.34	80147.85	80197.06	0.12	ppb
Chromium	52-2	0.75	0.77	0.75	0.76	1.68	ppb
Cobalt	59-2	0.14	0.12	0.13	0.13	10.45	ppb
Copper	63-2	3.34	3.37	3.42	3.38	1.24	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				90		%
Indium	115-1				92		%
Indium	115-2				74		%
Iron	56-2	7.13	7.51	7.04	7.23	3.46	ppb
Iron	57-2	161.45	152.72	161.49	158.56	3.19	ppb
Lead	206-1	0.09	0.08	0.06	0.08	16.28	ppb
Lead	207-1	0.08	0.07	0.07	0.07	6.47	ppb
Lead	208-1	0.08	0.07	0.08	0.08	6.88	ppb
Lithium	6-1				73		%
Magnesium	24-2	6801.03	6869.89	6818.43	6829.78	0.52	ppb
Manganese	55-2	6.52	6.57	6.73	6.61	1.66	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4100-03	Instrumnet Name :	P7
Client Sample ID :	KY030LC026-W-180719	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:25:44	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.97	0.88	0.90	0.92	4.97	ppb
Molybdenum	95-1	1.16	1.22	1.14	1.17	3.70	ppb
Molybdenum	96-1	1.16	1.13	1.16	1.15	1.80	ppb
Molybdenum	97-1	1.14	1.22	1.17	1.18	3.46	ppb
Molybdenum	98-1	1.25	1.22	1.21	1.23	1.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.38	1.33	1.34	1.35	1.89	ppb
Phosphorus	31-2	-9.47	-36.92	-27.17	-24.52		ppb
Potassium	39-2	3897.33	3955.14	3930.33	3927.60	0.74	ppb
Rhodium	103-1				84		%
Rhodium	103-2				74		%
Scandium	45-1				77		%
Scandium	45-2				61		%
Selenium	77-2	3.09	5.72	3.09	3.97	38.25	ppb
Selenium	78-2	-0.49	1.25	-0.86	-0.03		ppb
Selenium	82-1	0.90	0.31	0.74	0.65	46.63	ppb
Silicon	28-1	5521.86	5468.48	5485.67	5492.00	0.50	ppb
Silver	109-1	0.07	0.07	0.09	0.08	13.13	ppb
Silver	107-1	0.08	0.08	0.08	0.08	4.90	ppb
Sodium	23-2	25861.93	25928.89	25705.02	25831.95	0.44	ppb
Strontium	86-1	309.10	307.33	305.53	307.32	0.58	ppb
Strontium	88-1	326.23	327.71	328.22	327.39	0.32	ppb
Sulfur	34-1	9651.62	9482.14	9459.29	9531.02	1.10	ppb
Terbium	159-1				99		%
Terbium	159-2				88		%
Thallium	203-1	0.01	0.02	0.02	0.02	29.87	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	24.17	ppb
Tin	118-1	0.95	0.94	1.03	0.97	5.08	ppb
Titanium	47-1	1.23	1.40	1.35	1.33	6.34	ppb
Uranium	238-1	0.66	0.64	0.67	0.66	2.33	ppb
Vanadium	51-2	3.14	3.29	3.30	3.24	2.87	ppb
Yttrium	89-1				85		%
Yttrium	89-2				69		%
Zinc	66-2	4.47	4.45	4.44	4.45	0.38	ppb
Zirconium	90-1	0.06	0.04	0.04	0.05	25.71	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4100-03	Instrumnet Name :	P7
Client Sample ID :	KY030LC026-W-180719	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:25:44	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.06	0.04	0.05	23.46	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:33:46	DataFile Name :	054CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52431.52	53067.80	52621.49	52706.94	0.62	ppb
Antimony	121-1	514.17	513.98	520.01	516.06	0.66	ppb
Arsenic	75-2	497.05	499.01	501.45	499.17	0.44	ppb
Barium	135-1	2427.47	2427.63	2460.04	2438.38	0.77	ppb
Barium	137-1	2428.05	2414.32	2449.59	2430.66	0.73	ppb
Beryllium	9-1	503.95	502.81	509.57	505.44	0.72	ppb
Bismuth	209-1				101		%
Bismuth	209-2				91		%
Boron	10-1	506.01	504.24	510.52	506.92	0.64	ppb
Boron	11-1	506.94	511.43	514.24	510.87	0.72	ppb
Cadmium	111-1	479.25	477.29	482.08	479.54	0.50	ppb
Cadmium	106-1	472.43	472.82	472.42	472.56	0.05	ppb
Cadmium	108-1	469.79	469.25	476.75	471.93	0.89	ppb
Calcium	43-1	241122.78	242052.04	241956.23	241710.35	0.21	ppb
Calcium	44-1	243013.52	243769.32	243895.84	243559.56	0.20	ppb
Chromium	52-2	537.43	530.75	526.80	531.66	1.01	ppb
Cobalt	59-2	525.79	517.14	518.36	520.43	0.90	ppb
Copper	63-2	1008.69	1009.29	1000.83	1006.27	0.47	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				106		%
Holmium	165-2				101		%
Indium	115-1				95		%
Indium	115-2				84		%
Iron	56-2	140107.32	137427.22	137467.03	138333.86	1.11	ppb
Iron	57-2	141280.18	139369.11	138478.56	139709.29	1.02	ppb
Lead	206-1	469.67	474.09	470.38	471.38	0.50	ppb
Lead	207-1	469.65	471.20	471.04	470.63	0.18	ppb
Lead	208-1	493.17	494.93	493.54	493.88	0.19	ppb
Lithium	6-1				81		%
Magnesium	24-2	267115.59	270211.91	270316.16	269214.55	0.68	ppb
Manganese	55-2	1024.89	1005.16	998.46	1009.50	1.36	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:33:46	DataFile Name :	054CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2543.78	2546.95	2537.26	2542.66	0.19	ppb
Molybdenum	95-1	2543.83	2529.69	2531.20	2534.90	0.31	ppb
Molybdenum	96-1	2549.08	2541.83	2537.23	2542.71	0.23	ppb
Molybdenum	97-1	2538.89	2556.32	2524.70	2539.97	0.62	ppb
Molybdenum	98-1	2558.82	2567.72	2526.04	2550.86	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	533.11	525.69	526.66	528.49	0.76	ppb
Phosphorus	31-2	10064.13	9680.64	9926.83	9890.53	1.96	ppb
Potassium	39-2	127685.12	128351.84	127322.86	127786.61	0.41	ppb
Rhodium	103-1				89		%
Rhodium	103-2				89		%
Scandium	45-1				93		%
Scandium	45-2				84		%
Selenium	77-2	458.43	488.39	483.66	476.83	3.38	ppb
Selenium	78-2	466.10	468.85	484.49	473.14	2.10	ppb
Selenium	82-1	449.21	451.61	445.47	448.77	0.69	ppb
Silicon	28-1	424.84	435.04	441.11	433.66	1.90	ppb
Silver	109-1	479.19	480.71	487.80	482.57	0.95	ppb
Silver	107-1	480.96	479.65	482.43	481.01	0.29	ppb
Sodium	23-2	269932.73	274138.15	271514.61	271861.83	0.78	ppb
Strontium	86-1	478.35	476.78	473.93	476.35	0.47	ppb
Strontium	88-1	506.58	504.26	503.52	504.79	0.32	ppb
Sulfur	34-1	8773.39	8807.47	8689.97	8756.94	0.69	ppb
Terbium	159-1				105		%
Terbium	159-2				98		%
Thallium	203-1	509.03	510.54	514.84	511.47	0.59	ppb
Thallium	205-1	509.09	514.44	511.53	511.69	0.52	ppb
Tin	118-1	483.15	485.29	491.41	486.62	0.88	ppb
Titanium	47-1	2312.64	2328.98	2323.38	2321.66	0.36	ppb
Uranium	238-1	523.95	522.13	525.54	523.87	0.33	ppb
Vanadium	51-2	521.31	522.21	517.76	520.43	0.45	ppb
Yttrium	89-1				96		%
Yttrium	89-2				86		%
Zinc	66-2	1004.83	994.95	986.70	995.49	0.91	ppb
Zirconium	90-1	504.88	505.62	506.14	505.54	0.13	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:33:46	DataFile Name :	054CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	477.64	475.67	476.70	476.67	0.21	ppb

LB Number : LB96824 Operator : Jaswal
 Lab Sample ID : CCB04 Instrumnet Name : P7
 Client Sample ID : CCB04 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 17:38:05 DataFile Name : 055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.60	1.25	1.49	1.78	40.51	ppb
Antimony	121-1	0.23	0.22	0.22	0.22	2.82	ppb
Arsenic	75-2	0.07	0.05	0.03	0.05	47.65	ppb
Barium	135-1	0.17	0.13	0.13	0.14	15.33	ppb
Barium	137-1	0.19	0.13	0.12	0.14	26.58	ppb
Beryllium	9-1	0.10	0.08	0.09	0.09	10.99	ppb
Bismuth	209-1				107		%
Bismuth	209-2				99		%
Boron	10-1	15.18	15.23	15.71	15.37	1.92	ppb
Boron	11-1	16.67	15.69	14.35	15.57	7.50	ppb
Cadmium	111-1	0.00	-0.01	-0.09	-0.03		ppb
Cadmium	106-1	-2.13	-1.60	-3.08	-2.27		ppb
Cadmium	108-1	0.08	0.05	-0.07	0.02	422.51	ppb
Calcium	43-1	16.81	11.58	13.35	13.91	19.11	ppb
Calcium	44-1	22.22	16.29	13.96	17.49	24.36	ppb
Chromium	52-2	0.07	0.05	0.05	0.06	13.90	ppb
Cobalt	59-2	0.04	0.01	0.01	0.02	109.73	ppb
Copper	63-2	0.39	0.33	0.33	0.35	9.48	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				105		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				87		%
Iron	56-2	8.37	4.06	3.43	5.29	50.91	ppb
Iron	57-2	6.65	4.06	2.55	4.42	46.83	ppb
Lead	206-1	0.04	0.02	0.03	0.03	20.92	ppb
Lead	207-1	0.03	0.03	0.02	0.02	24.07	ppb
Lead	208-1	0.03	0.02	0.02	0.02	24.69	ppb
Lithium	6-1				85		%
Magnesium	24-2	15.11	6.55	6.72	9.46	51.75	ppb
Manganese	55-2	0.05	0.02	0.03	0.03	50.87	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:38:05	DataFile Name :	055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.39	0.33	0.28	0.33	17.17	ppb
Molybdenum	95-1	0.37	0.31	0.25	0.31	19.14	ppb
Molybdenum	96-1	0.39	0.30	0.26	0.32	19.67	ppb
Molybdenum	97-1	0.37	0.35	0.27	0.33	17.11	ppb
Molybdenum	98-1	0.38	0.34	0.28	0.33	15.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.00	0.01	0.02	173.88	ppb
Phosphorus	31-2	-29.77	-38.37	-23.42	-30.52		ppb
Potassium	39-2	7.86	-0.12	2.65	3.46	116.91	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				93		%
Scandium	45-2				81		%
Selenium	77-2	0.00	0.36	0.00	0.12	173.21	ppb
Selenium	78-2	0.82	-0.43	0.57	0.32	208.40	ppb
Selenium	82-1	-0.29	0.12	-0.30	-0.16		ppb
Silicon	28-1	-29.00	-29.05	-28.92	-28.99		ppb
Silver	109-1	0.06	0.05	0.05	0.05	13.38	ppb
Silver	107-1	0.06	0.05	0.05	0.05	16.19	ppb
Sodium	23-2	33.05	27.10	23.81	27.98	16.74	ppb
Strontium	86-1	0.03	0.00	-0.04	0.00		ppb
Strontium	88-1	0.04	0.03	0.03	0.04	19.05	ppb
Sulfur	34-1	-730.26	-595.01	-693.56	-672.95		ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	0.09	0.08	0.08	0.08	11.81	ppb
Thallium	205-1	0.10	0.09	0.07	0.09	17.51	ppb
Tin	118-1	0.10	0.08	0.07	0.08	17.87	ppb
Titanium	47-1	0.37	0.24	0.15	0.25	43.05	ppb
Uranium	238-1	0.03	0.03	0.02	0.03	21.88	ppb
Vanadium	51-2	0.04	0.02	0.02	0.02	40.95	ppb
Yttrium	89-1				97		%
Yttrium	89-2				85		%
Zinc	66-2	-0.02	0.02	-0.04	-0.01		ppb
Zirconium	90-1	0.07	0.06	0.04	0.06	23.70	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:38:05	DataFile Name :	055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.06	0.06	0.06	3.37	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:04:26	DataFile Name :	056CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52224.11	54358.86	54087.75	53556.91	2.17	ppb
Antimony	121-1	507.34	501.82	511.07	506.74	0.92	ppb
Arsenic	75-2	485.54	502.59	504.49	497.54	2.10	ppb
Barium	135-1	2452.65	2443.70	2481.90	2459.42	0.81	ppb
Barium	137-1	2470.38	2415.31	2464.67	2450.12	1.24	ppb
Beryllium	9-1	505.89	503.62	510.39	506.63	0.68	ppb
Bismuth	209-1				96		%
Bismuth	209-2				91		%
Boron	10-1	501.21	501.64	519.28	507.38	2.03	ppb
Boron	11-1	492.04	501.50	518.21	503.92	2.63	ppb
Cadmium	111-1	489.98	484.24	491.59	488.60	0.79	ppb
Cadmium	106-1	489.48	479.33	488.97	485.93	1.18	ppb
Cadmium	108-1	490.39	477.18	488.07	485.21	1.45	ppb
Calcium	43-1	244263.11	240631.29	244527.78	243140.73	0.90	ppb
Calcium	44-1	243737.28	240517.76	245835.30	243363.45	1.10	ppb
Chromium	52-2	524.06	523.67	531.02	526.25	0.79	ppb
Cobalt	59-2	504.39	513.66	515.75	511.27	1.18	ppb
Copper	63-2	970.93	986.56	995.65	984.38	1.27	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				102		%
Holmium	165-2				100		%
Indium	115-1				93		%
Indium	115-2				85		%
Iron	56-2	138242.77	136782.96	138090.64	137705.46	0.58	ppb
Iron	57-2	137753.08	139271.23	139526.21	138850.18	0.69	ppb
Lead	206-1	479.10	470.23	473.77	474.37	0.94	ppb
Lead	207-1	479.04	465.75	470.40	471.73	1.43	ppb
Lead	208-1	499.85	489.22	496.05	495.04	1.09	ppb
Lithium	6-1				83		%
Magnesium	24-2	263116.35	271998.73	270585.29	268566.79	1.78	ppb
Manganese	55-2	1010.79	1007.60	1011.77	1010.05	0.22	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:04:26	DataFile Name :	056CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2582.48	2506.55	2544.33	2544.46	1.49	ppb
Molybdenum	95-1	2555.49	2486.08	2532.43	2524.67	1.40	ppb
Molybdenum	96-1	2542.14	2497.77	2536.11	2525.34	0.95	ppb
Molybdenum	97-1	2565.68	2501.89	2537.37	2534.98	1.26	ppb
Molybdenum	98-1	2568.85	2511.88	2552.58	2544.44	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.71	519.16	523.97	518.61	1.09	ppb
Phosphorus	31-2	9666.33	9858.73	9862.79	9795.95	1.15	ppb
Potassium	39-2	126128.63	129756.70	129494.29	128459.87	1.57	ppb
Rhodium	103-1				88		%
Rhodium	103-2				89		%
Scandium	45-1				94		%
Scandium	45-2				86		%
Selenium	77-2	477.12	502.48	507.58	495.73	3.29	ppb
Selenium	78-2	493.84	511.46	503.56	502.95	1.75	ppb
Selenium	82-1	483.45	472.54	478.52	478.17	1.14	ppb
Silicon	28-1	452.67	459.11	478.40	463.40	2.89	ppb
Silver	109-1	499.57	490.22	499.72	496.50	1.10	ppb
Silver	107-1	499.15	491.38	498.70	496.41	0.88	ppb
Sodium	23-2	262690.63	272399.10	273715.71	269601.81	2.23	ppb
Strontium	86-1	479.85	471.01	474.34	475.07	0.94	ppb
Strontium	88-1	507.54	500.54	509.33	505.80	0.92	ppb
Sulfur	34-1	8947.54	8778.89	8944.90	8890.44	1.09	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	520.73	513.15	520.08	517.99	0.81	ppb
Thallium	205-1	519.37	512.56	519.60	517.17	0.77	ppb
Tin	118-1	491.01	480.65	462.59	478.08	3.01	ppb
Titanium	47-1	2338.79	2322.05	2341.24	2334.03	0.45	ppb
Uranium	238-1	528.47	518.13	525.83	524.14	1.02	ppb
Vanadium	51-2	511.10	514.04	516.76	513.97	0.55	ppb
Yttrium	89-1				95		%
Yttrium	89-2				88		%
Zinc	66-2	962.89	987.42	988.95	979.75	1.49	ppb
Zirconium	90-1	513.45	499.68	506.98	506.70	1.36	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:04:26	DataFile Name :	056CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	486.90	470.76	476.02	477.89	1.72	ppb

LB Number : LB96824 Operator : Jaswal
 Lab Sample ID : CCB05 Instrumnet Name : P7
 Client Sample ID : CCB05 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 18:10:08 DataFile Name : 057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.21	0.66	-0.13	0.10	459.34	ppb
Antimony	121-1	0.16	0.14	0.17	0.16	7.33	ppb
Arsenic	75-2	0.02	0.02	0.01	0.02	1.97	ppb
Barium	135-1	0.03	0.03	0.04	0.03	21.19	ppb
Barium	137-1	0.03	0.02	0.02	0.02	10.27	ppb
Beryllium	9-1	0.03	0.05	0.04	0.04	21.24	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	10-1	9.21	10.85	8.65	9.57	11.96	ppb
Boron	11-1	9.56	8.90	8.66	9.04	5.17	ppb
Cadmium	111-1	-0.06	-0.09	-0.07	-0.08		ppb
Cadmium	106-1	-1.81	-2.35	-2.38	-2.18		ppb
Cadmium	108-1	-0.05	0.03	-0.05	-0.03		ppb
Calcium	43-1	1.29	-2.58	3.88	0.87	375.52	ppb
Calcium	44-1	3.78	1.74	2.33	2.62	40.14	ppb
Chromium	52-2	0.04	0.01	0.05	0.03	64.79	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.15	0.11	0.13	0.13	15.97	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				103		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				89		%
Iron	56-2	2.09	1.78	1.47	1.78	17.24	ppb
Iron	57-2	1.10	-0.39	1.17	0.63	140.26	ppb
Lead	206-1	0.00	0.00	0.00	0.00		ppb
Lead	207-1	0.02	0.01	0.00	0.01	132.19	ppb
Lead	208-1	0.01	0.00	0.00	0.00	94.24	ppb
Lithium	6-1				89		%
Magnesium	24-2	4.97	4.04	3.68	4.23	15.81	ppb
Manganese	55-2	0.01	0.01	0.00	0.01	114.06	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:10:08	DataFile Name :	057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.16	0.12	0.12	0.14	16.70	ppb
Molybdenum	95-1	0.20	0.14	0.14	0.16	19.92	ppb
Molybdenum	96-1	0.13	0.14	0.13	0.13	3.82	ppb
Molybdenum	97-1	0.18	0.14	0.12	0.15	23.51	ppb
Molybdenum	98-1	0.16	0.14	0.13	0.15	10.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.04	0.01	-0.02		ppb
Phosphorus	31-2	-49.13	-41.29	-40.60	-43.67		ppb
Potassium	39-2	0.71	4.31	-1.10	1.31	210.76	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				84		%
Selenium	77-2	0.70	0.00	0.00	0.23	173.21	ppb
Selenium	78-2	-0.35	-0.93	-0.15	-0.48		ppb
Selenium	82-1	-0.05	0.18	-0.01	0.04	295.98	ppb
Silicon	28-1	-30.74	-30.40	-30.53	-30.56		ppb
Silver	109-1	0.03	0.04	0.04	0.04	8.74	ppb
Silver	107-1	0.04	0.04	0.05	0.04	17.43	ppb
Sodium	23-2	21.07	19.81	17.69	19.52	8.74	ppb
Strontium	86-1	-0.01	-0.02	0.00	-0.01		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	14.81	ppb
Sulfur	34-1	-711.00	-686.97	-642.22	-680.06		ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.06	0.05	0.06	0.06	3.94	ppb
Thallium	205-1	0.07	0.06	0.06	0.06	9.66	ppb
Tin	118-1	0.04	0.04	0.00	0.03	89.39	ppb
Titanium	47-1	0.12	0.07	0.09	0.09	28.91	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	53.39	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	8.84	ppb
Yttrium	89-1				97		%
Yttrium	89-2				87		%
Zinc	66-2	-0.13	-0.04	-0.08	-0.09		ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	24.22	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:10:08	DataFile Name :	057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.03	0.03	0.03	8.30	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:14:44	DataFile Name :	058LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.72	18.53	17.63	17.96	2.77	ppb
Antimony	121-1	1.86	1.80	1.78	1.81	2.27	ppb
Arsenic	75-2	0.98	0.96	0.97	0.97	0.78	ppb
Barium	135-1	8.77	8.80	8.87	8.81	0.54	ppb
Barium	137-1	8.70	8.60	8.73	8.68	0.76	ppb
Beryllium	9-1	1.08	0.99	1.01	1.03	4.57	ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Boron	10-1	27.91	28.16	26.75	27.60	2.73	ppb
Boron	11-1	27.75	28.41	28.70	28.29	1.72	ppb
Cadmium	111-1	0.75	0.75	0.67	0.73	6.22	ppb
Cadmium	106-1	-1.75	-2.66	-3.10	-2.50		ppb
Cadmium	108-1	1.04	0.84	1.09	0.99	13.27	ppb
Calcium	43-1	418.31	429.30	438.35	428.66	2.34	ppb
Calcium	44-1	424.21	426.00	429.90	426.70	0.68	ppb
Chromium	52-2	2.24	2.20	2.18	2.20	1.45	ppb
Cobalt	59-2	1.07	1.02	1.05	1.05	2.30	ppb
Copper	63-2	2.32	2.40	2.19	2.31	4.62	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				104		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				88		%
Iron	56-2	52.43	51.68	51.99	52.04	0.73	ppb
Iron	57-2	50.97	48.16	52.11	50.41	4.03	ppb
Lead	206-1	0.84	0.89	0.92	0.88	4.30	ppb
Lead	207-1	0.87	0.86	0.85	0.86	1.28	ppb
Lead	208-1	0.87	0.88	0.88	0.88	1.05	ppb
Lithium	6-1				90		%
Magnesium	24-2	473.28	472.19	470.72	472.06	0.27	ppb
Manganese	55-2	1.02	1.10	1.10	1.07	4.38	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:14:44	DataFile Name :	058LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.49	4.39	4.50	4.46	1.34	ppb
Molybdenum	95-1	4.57	4.43	4.53	4.51	1.58	ppb
Molybdenum	96-1	4.56	4.51	4.38	4.48	2.00	ppb
Molybdenum	97-1	4.52	4.61	4.66	4.59	1.57	ppb
Molybdenum	98-1	4.54	4.49	4.46	4.50	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.18	1.14	1.21	1.18	3.03	ppb
Phosphorus	31-2	-38.87	-39.21	-37.19	-38.42		ppb
Potassium	39-2	454.60	467.64	449.95	457.40	2.00	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				83		%
Selenium	77-2	6.96	4.97	2.45	4.79	47.16	ppb
Selenium	78-2	5.20	4.47	5.41	5.03	9.76	ppb
Selenium	82-1	4.10	4.98	4.41	4.50	9.96	ppb
Silicon	28-1	-19.33	-19.74	-18.93	-19.33		ppb
Silver	109-1	0.92	0.94	0.93	0.93	0.98	ppb
Silver	107-1	0.95	0.96	0.92	0.95	2.09	ppb
Sodium	23-2	495.12	497.72	488.33	493.72	0.98	ppb
Strontium	86-1	0.84	0.89	0.92	0.88	4.74	ppb
Strontium	88-1	0.91	0.90	0.89	0.90	1.25	ppb
Sulfur	34-1	-704.70	-671.24	-649.18	-675.04		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.90	0.88	0.90	0.89	1.39	ppb
Thallium	205-1	0.92	0.91	0.93	0.92	1.35	ppb
Tin	118-1	4.42	4.36	4.33	4.37	1.14	ppb
Titanium	47-1	4.76	4.73	4.45	4.65	3.70	ppb
Uranium	238-1	0.84	0.85	0.86	0.85	1.11	ppb
Vanadium	51-2	4.90	4.93	4.76	4.86	1.90	ppb
Yttrium	89-1				98		%
Yttrium	89-2				87		%
Zinc	66-2	2.44	2.13	2.06	2.21	9.31	ppb
Zirconium	90-1	0.96	0.95	0.90	0.94	3.16	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:14:44	DataFile Name :	058LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.91	0.99	1.01	0.97	5.57	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	PB111378BL	Instrumnet Name :	P7
Client Sample ID :	PB111378BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:18:17	DataFile Name :	059LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.11	-0.20	-0.20	-0.17		ppb
Antimony	121-1	0.03	0.04	0.04	0.04	11.54	ppb
Arsenic	75-2	-0.01	0.00	0.01	0.00	1016.89	ppb
Barium	135-1	-0.02	0.00	-0.02	-0.01		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.00	0.02	0.02	0.01	66.21	ppb
Bismuth	209-1				104		%
Bismuth	209-2				97		%
Boron	10-1	5.51	3.72	4.31	4.51	20.20	ppb
Boron	11-1	4.98	4.92	4.65	4.85	3.64	ppb
Cadmium	111-1	-0.09	-0.07	-0.14	-0.10		ppb
Cadmium	106-1	-2.10	-1.80	-3.08	-2.33		ppb
Cadmium	108-1	-0.02	-0.07	0.05	-0.01		ppb
Calcium	43-1	-2.07	-4.68	-1.91	-2.89		ppb
Calcium	44-1	-1.71	-2.35	-2.14	-2.07		ppb
Chromium	52-2	0.01	0.00	0.02	0.01	76.27	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.26	0.24	0.30	0.27	10.99	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				101		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				86		%
Iron	56-2	0.18	0.05	0.03	0.08	96.74	ppb
Iron	57-2	-1.16	0.98	-2.26	-0.81		ppb
Lead	206-1	-0.01	-0.01	-0.02	-0.02		ppb
Lead	207-1	-0.01	-0.01	-0.01	-0.01		ppb
Lead	208-1	-0.01	-0.01	-0.02	-0.01		ppb
Lithium	6-1				88		%
Magnesium	24-2	0.53	0.48	0.65	0.55	15.12	ppb
Manganese	55-2	-0.02	-0.01	-0.02	-0.01		ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	PB111378BL	Instrumnet Name :	P7
Client Sample ID :	PB111378BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:18:17	DataFile Name :	059LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.06	0.00	0.02	137.63	ppb
Molybdenum	95-1	0.01	0.03	0.02	0.02	30.53	ppb
Molybdenum	96-1	0.02	0.01	0.03	0.02	31.58	ppb
Molybdenum	97-1	0.03	0.01	0.00	0.01	151.17	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.01	7.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.03	-0.02	-0.03		ppb
Phosphorus	31-2	-21.80	-48.79	-15.71	-28.77		ppb
Potassium	39-2	3.33	-3.79	-3.32	-1.26		ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				93		%
Scandium	45-2				81		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.10	0.50	0.33	0.24	126.40	ppb
Selenium	82-1	0.13	-0.39	-0.23	-0.16		ppb
Silicon	28-1	-30.08	-30.92	-30.72	-30.57		ppb
Silver	109-1	0.01	0.01	0.01	0.01	32.67	ppb
Silver	107-1	0.01	0.02	0.01	0.01	53.01	ppb
Sodium	23-2	8.84	8.39	7.47	8.23	8.48	ppb
Strontium	86-1	0.05	-0.04	0.02	0.01	458.77	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	36.79	ppb
Sulfur	34-1	-392.50	-539.06	-524.13	-485.23		ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.01	0.00	0.01	0.01	57.32	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	21.90	ppb
Tin	118-1	-0.01	-0.03	0.00	-0.01		ppb
Titanium	47-1	0.00	0.05	0.01	0.02	128.43	ppb
Uranium	238-1	-0.01	-0.01	0.00	-0.01		ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	25.63	ppb
Yttrium	89-1				95		%
Yttrium	89-2				85		%
Zinc	66-2	-0.07	0.07	0.08	0.03	320.95	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	41.60	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	PB111378BL	Instrumnet Name :	P7
Client Sample ID :	PB111378BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:18:17	DataFile Name :	059LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.01	0.00	0.00	526.05	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	PB111378BS	Instrumnet Name :	P7
Client Sample ID :	PB111378BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:22:37	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9161.18	9083.42	9108.40	9117.67	0.44	ppb
Antimony	121-1	482.92	484.42	472.87	480.07	1.31	ppb
Arsenic	75-2	489.21	483.54	487.01	486.59	0.59	ppb
Barium	135-1	2448.51	2435.52	2379.70	2421.24	1.51	ppb
Barium	137-1	2440.56	2449.34	2394.52	2428.14	1.21	ppb
Beryllium	9-1	486.60	493.44	489.94	489.99	0.70	ppb
Bismuth	209-1				100		%
Bismuth	209-2				94		%
Boron	10-1	467.78	484.67	493.86	482.10	2.74	ppb
Boron	11-1	471.09	483.93	489.45	481.49	1.96	ppb
Cadmium	111-1	453.89	454.59	443.33	450.61	1.40	ppb
Cadmium	106-1	454.11	446.90	433.40	444.81	2.36	ppb
Cadmium	108-1	459.58	455.52	439.82	451.64	2.31	ppb
Calcium	43-1	44183.86	44580.18	44154.69	44306.24	0.54	ppb
Calcium	44-1	48183.49	48009.82	47807.26	48000.19	0.39	ppb
Chromium	52-2	500.66	500.35	500.77	500.60	0.04	ppb
Cobalt	59-2	509.23	505.00	506.02	506.75	0.44	ppb
Copper	63-2	1014.09	1009.72	1008.55	1010.79	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				85		%
Iron	56-2	27593.32	27465.59	27539.85	27532.92	0.23	ppb
Iron	57-2	25689.77	25457.59	25441.30	25529.55	0.54	ppb
Lead	206-1	452.72	447.18	444.44	448.11	0.94	ppb
Lead	207-1	447.61	445.50	442.44	445.18	0.58	ppb
Lead	208-1	472.36	471.18	468.05	470.53	0.47	ppb
Lithium	6-1				85		%
Magnesium	24-2	51696.27	51260.74	51221.96	51392.99	0.51	ppb
Manganese	55-2	998.51	987.57	990.97	992.35	0.56	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	PB111378BS	Instrumnet Name :	P7
Client Sample ID :	PB111378BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:22:37	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2470.62	2469.19	2443.31	2461.04	0.62	ppb
Molybdenum	95-1	2462.12	2455.19	2444.30	2453.87	0.37	ppb
Molybdenum	96-1	2459.19	2468.17	2435.46	2454.27	0.69	ppb
Molybdenum	97-1	2467.90	2478.83	2432.61	2459.78	0.98	ppb
Molybdenum	98-1	2469.84	2489.62	2440.24	2466.56	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	514.17	510.92	511.15	512.08	0.35	ppb
Phosphorus	31-2	9713.80	9412.14	9232.22	9452.72	2.57	ppb
Potassium	39-2	24840.18	24675.08	24637.84	24717.70	0.44	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				81		%
Selenium	77-2	491.71	458.27	450.35	466.78	4.70	ppb
Selenium	78-2	493.89	488.81	484.39	489.03	0.97	ppb
Selenium	82-1	465.29	462.24	462.95	463.49	0.34	ppb
Silicon	28-1	421.92	431.02	429.69	427.54	1.15	ppb
Silver	109-1	488.68	487.42	476.03	484.04	1.44	ppb
Silver	107-1	491.33	487.00	478.21	485.51	1.38	ppb
Sodium	23-2	51299.25	50791.11	50817.93	50969.43	0.56	ppb
Strontium	86-1	457.37	464.34	457.56	459.76	0.86	ppb
Strontium	88-1	492.39	497.37	489.38	493.05	0.82	ppb
Sulfur	34-1	8818.86	8877.24	8543.22	8746.44	2.04	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	498.07	495.28	488.65	494.00	0.98	ppb
Thallium	205-1	497.37	489.87	484.28	490.50	1.34	ppb
Tin	118-1	445.62	443.85	478.53	456.00	4.28	ppb
Titanium	47-1	2276.80	2272.65	2255.30	2268.25	0.50	ppb
Uranium	238-1	484.39	490.95	480.48	485.27	1.09	ppb
Vanadium	51-2	496.36	496.87	496.59	496.61	0.05	ppb
Yttrium	89-1				94		%
Yttrium	89-2				85		%
Zinc	66-2	1032.07	1027.50	1029.75	1029.77	0.22	ppb
Zirconium	90-1	492.25	490.48	488.62	490.45	0.37	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	PB111378BS	Instrumnet Name :	P7
Client Sample ID :	PB111378BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:22:37	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	462.40	461.36	457.31	460.36	0.58	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-01	Instrumnet Name :	P7
Client Sample ID :	S45-0046	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:26:10	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23664.67	23762.68	23439.23	23622.20	0.70	ppb
Antimony	121-1	0.46	0.40	0.43	0.43	6.27	ppb
Arsenic	75-2	54.65	54.26	54.12	54.35	0.51	ppb
Barium	135-1	94.61	92.25	93.23	93.37	1.27	ppb
Barium	137-1	95.00	92.99	93.45	93.81	1.12	ppb
Beryllium	9-1	1.27	1.36	1.27	1.30	4.04	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	10-1	23.69	19.18	20.06	20.98	11.38	ppb
Boron	11-1	22.56	20.84	18.75	20.71	9.21	ppb
Cadmium	111-1	0.15	0.08	0.06	0.10	47.80	ppb
Cadmium	106-1	1.20	0.38	-1.11	0.16	752.17	ppb
Cadmium	108-1	0.91	1.38	0.90	1.06	26.02	ppb
Calcium	43-1	7143.36	7082.98	7113.93	7113.42	0.42	ppb
Calcium	44-1	7757.24	7621.30	7652.02	7676.85	0.93	ppb
Chromium	52-2	65.10	65.13	64.25	64.82	0.77	ppb
Cobalt	59-2	21.36	21.34	21.19	21.30	0.45	ppb
Copper	63-2	57.67	58.15	56.98	57.60	1.03	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				98		%
Indium	115-1				93		%
Indium	115-2				84		%
Iron	56-2	52544.95	52909.27	51859.05	52437.76	1.02	ppb
Iron	57-2	48328.68	48663.08	47579.45	48190.40	1.15	ppb
Lead	206-1	26.51	26.77	26.45	26.57	0.64	ppb
Lead	207-1	23.15	23.39	23.40	23.31	0.62	ppb
Lead	208-1	24.70	24.51	24.68	24.63	0.43	ppb
Lithium	6-1				84		%
Magnesium	24-2	10595.24	10660.00	10593.07	10616.11	0.36	ppb
Manganese	55-2	703.24	706.83	697.63	702.57	0.66	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-01	Instrumnet Name :	P7
Client Sample ID :	S45-0046	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:26:10	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	13.15	13.01	12.97	13.04	0.73	ppb
Molybdenum	95-1	1.02	1.04	1.00	1.02	1.90	ppb
Molybdenum	96-1	2.88	2.77	2.67	2.77	3.76	ppb
Molybdenum	97-1	1.05	1.00	1.02	1.02	2.57	ppb
Molybdenum	98-1	1.01	1.00	0.98	1.00	1.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	63.15	64.67	62.85	63.55	1.54	ppb
Phosphorus	31-2	1813.93	1924.61	1833.04	1857.20	3.19	ppb
Potassium	39-2	4873.05	4883.53	4824.72	4860.43	0.65	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				81		%
Selenium	77-2	19.74	18.96	18.79	19.16	2.65	ppb
Selenium	78-2	3.90	3.81	3.86	3.86	1.18	ppb
Selenium	82-1	0.55	0.42	0.86	0.61	36.32	ppb
Silicon	28-1	317.30	295.25	315.87	309.47	3.99	ppb
Silver	109-1	0.17	0.13	0.16	0.16	13.43	ppb
Silver	107-1	0.17	0.17	0.17	0.17	1.93	ppb
Sodium	23-2	253.10	247.00	243.05	247.71	2.04	ppb
Strontium	86-1	14.91	14.57	14.84	14.77	1.22	ppb
Strontium	88-1	14.63	14.41	14.48	14.50	0.77	ppb
Sulfur	34-1	-938.66	-1118.33	-1261.60	-1106.20		ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.40	0.40	0.38	0.39	3.59	ppb
Thallium	205-1	0.39	0.40	0.36	0.38	4.36	ppb
Tin	118-1	0.85	0.77	0.75	0.79	6.36	ppb
Titanium	47-1	980.75	962.57	969.72	971.01	0.94	ppb
Uranium	238-1	5.86	5.82	5.77	5.82	0.72	ppb
Vanadium	51-2	53.01	53.78	52.63	53.14	1.11	ppb
Yttrium	89-1				100		%
Yttrium	89-2				91		%
Zinc	66-2	109.22	110.07	106.65	108.65	1.64	ppb
Zirconium	90-1	8.13	8.00	7.99	8.04	0.95	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-01	Instrumnet Name :	P7
Client Sample ID :	S45-0046	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:26:10	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	8.52	8.14	8.33	8.33	2.25	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-01DUP	Instrumnet Name :	P7
Client Sample ID :	S45-0046DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:29:47	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23452.60	23620.76	23331.11	23468.16	0.62	ppb
Antimony	121-1	0.23	0.23	0.24	0.23	0.81	ppb
Arsenic	75-2	55.23	54.15	53.12	54.17	1.94	ppb
Barium	135-1	95.45	93.80	92.09	93.78	1.79	ppb
Barium	137-1	95.89	95.32	91.31	94.17	2.65	ppb
Beryllium	9-1	1.06	1.17	1.18	1.14	5.62	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	8.69	10.14	9.99	9.61	8.30	ppb
Boron	11-1	8.64	9.52	8.56	8.91	6.00	ppb
Cadmium	111-1	0.11	0.12	0.03	0.09	54.76	ppb
Cadmium	106-1	0.29	0.22	-1.02	-0.17		ppb
Cadmium	108-1	0.94	0.83	0.79	0.86	9.31	ppb
Calcium	43-1	6930.94	6870.78	6632.51	6811.41	2.32	ppb
Calcium	44-1	6868.32	6858.18	6681.74	6802.75	1.54	ppb
Chromium	52-2	64.71	64.45	63.68	64.28	0.83	ppb
Cobalt	59-2	21.36	21.06	20.99	21.14	0.93	ppb
Copper	63-2	57.65	57.88	56.42	57.32	1.38	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				100		%
Holmium	165-2				101		%
Indium	115-1				93		%
Indium	115-2				86		%
Iron	56-2	52295.51	52320.08	51410.28	52008.62	1.00	ppb
Iron	57-2	47761.04	47728.90	47266.24	47585.40	0.58	ppb
Lead	206-1	26.20	26.42	25.48	26.04	1.90	ppb
Lead	207-1	23.36	22.87	22.29	22.84	2.35	ppb
Lead	208-1	24.77	24.40	23.67	24.28	2.30	ppb
Lithium	6-1				87		%
Magnesium	24-2	10541.46	10555.67	10381.22	10492.78	0.92	ppb
Manganese	55-2	698.93	700.38	690.86	696.72	0.74	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-01DUP	Instrumnet Name :	P7
Client Sample ID :	S45-0046DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:29:47	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	12.93	12.90	12.30	12.71	2.78	ppb
Molybdenum	95-1	0.82	0.74	0.72	0.76	7.42	ppb
Molybdenum	96-1	2.54	2.58	2.51	2.55	1.47	ppb
Molybdenum	97-1	0.84	0.83	0.75	0.81	6.33	ppb
Molybdenum	98-1	0.82	0.70	0.71	0.74	9.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	64.04	64.78	62.93	63.92	1.46	ppb
Phosphorus	31-2	1772.11	1801.25	1690.59	1754.65	3.27	ppb
Potassium	39-2	4875.18	4877.46	4815.32	4855.99	0.73	ppb
Rhodium	103-1				90		%
Rhodium	103-2				94		%
Scandium	45-1				92		%
Scandium	45-2				82		%
Selenium	77-2	19.82	19.53	22.92	20.75	9.04	ppb
Selenium	78-2	3.54	4.32	3.87	3.91	9.98	ppb
Selenium	82-1	0.68	0.54	0.77	0.66	17.88	ppb
Silicon	28-1	313.59	321.17	328.02	320.93	2.25	ppb
Silver	109-1	0.12	0.13	0.15	0.13	10.44	ppb
Silver	107-1	0.15	0.12	0.12	0.13	13.33	ppb
Sodium	23-2	250.84	254.71	241.86	249.13	2.65	ppb
Strontium	86-1	15.33	14.71	14.75	14.93	2.32	ppb
Strontium	88-1	14.94	14.60	14.40	14.64	1.89	ppb
Sulfur	34-1	-1698.68	-1783.48	-2088.05	-1856.74		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.32	0.33	0.29	0.31	7.27	ppb
Thallium	205-1	0.33	0.33	0.31	0.32	2.65	ppb
Tin	118-1	0.68	0.65	0.64	0.66	3.41	ppb
Titanium	47-1	994.44	992.87	961.80	983.04	1.87	ppb
Uranium	238-1	5.91	5.74	5.55	5.73	3.16	ppb
Vanadium	51-2	52.60	52.74	52.15	52.50	0.59	ppb
Yttrium	89-1				101		%
Yttrium	89-2				93		%
Zinc	66-2	111.35	111.48	110.02	110.95	0.73	ppb
Zirconium	90-1	8.20	7.99	7.82	8.00	2.39	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-01DUP	Instrumnet Name :	P7
Client Sample ID :	S45-0046DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:29:47	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	8.21	7.87	8.18	8.09	2.32	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-01LX5	Instrumnet Name :	P7
Client Sample ID :	S45-0046L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-23 18:33:22	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4573.15	4583.09	4628.90	4595.05	0.65	ppb
Antimony	121-1	0.07	0.05	0.07	0.06	18.00	ppb
Arsenic	75-2	11.14	10.94	11.72	11.27	3.58	ppb
Barium	135-1	17.68	17.80	17.92	17.80	0.69	ppb
Barium	137-1	17.57	17.65	18.39	17.87	2.53	ppb
Beryllium	9-1	0.28	0.21	0.28	0.26	15.84	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	6.82	4.61	5.34	5.59	20.08	ppb
Boron	11-1	5.54	5.70	5.67	5.64	1.54	ppb
Cadmium	111-1	-0.12	-0.10	-0.10	-0.11		ppb
Cadmium	106-1	-3.12	-2.46	-2.54	-2.71		ppb
Cadmium	108-1	0.10	0.13	0.17	0.13	27.11	ppb
Calcium	43-1	1421.62	1441.29	1469.71	1444.21	1.67	ppb
Calcium	44-1	1436.55	1434.18	1457.89	1442.87	0.91	ppb
Chromium	52-2	12.60	12.64	12.43	12.55	0.89	ppb
Cobalt	59-2	4.15	4.06	4.23	4.15	2.00	ppb
Copper	63-2	11.38	11.22	11.46	11.35	1.06	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				104		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				90		%
Iron	56-2	10123.30	10178.73	10235.61	10179.22	0.55	ppb
Iron	57-2	9333.28	9354.69	9425.85	9371.28	0.52	ppb
Lead	206-1	4.99	4.88	5.04	4.97	1.66	ppb
Lead	207-1	4.33	4.37	4.53	4.41	2.41	ppb
Lead	208-1	4.57	4.58	4.72	4.62	1.86	ppb
Lithium	6-1				88		%
Magnesium	24-2	2053.92	2054.61	2059.17	2055.90	0.14	ppb
Manganese	55-2	136.52	136.69	137.18	136.80	0.25	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-01LX5	Instrumnet Name :	P7
Client Sample ID :	S45-0046L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-23 18:33:22	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.62	2.58	2.71	2.64	2.69	ppb
Molybdenum	95-1	0.16	0.15	0.17	0.16	6.62	ppb
Molybdenum	96-1	0.51	0.47	0.52	0.50	5.11	ppb
Molybdenum	97-1	0.16	0.13	0.15	0.15	8.54	ppb
Molybdenum	98-1	0.12	0.16	0.15	0.15	16.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.27	12.54	12.76	12.52	1.99	ppb
Phosphorus	31-2	338.77	310.05	282.70	310.51	9.03	ppb
Potassium	39-2	921.84	935.86	938.10	931.93	0.95	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				84		%
Selenium	77-2	5.09	3.37	5.50	4.65	24.22	ppb
Selenium	78-2	0.57	1.61	1.24	1.14	46.21	ppb
Selenium	82-1	0.45	0.34	0.09	0.29	62.12	ppb
Silicon	28-1	23.19	25.14	34.94	27.76	22.69	ppb
Silver	109-1	0.04	0.04	0.03	0.04	7.43	ppb
Silver	107-1	0.04	0.04	0.03	0.03	11.30	ppb
Sodium	23-2	53.15	52.52	51.83	52.50	1.26	ppb
Strontium	86-1	2.82	2.98	3.05	2.95	3.91	ppb
Strontium	88-1	2.99	2.96	3.05	3.00	1.42	ppb
Sulfur	34-1	-2386.22	-2401.38	-2276.54	-2354.71		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.07	0.07	0.07	0.07	3.39	ppb
Thallium	205-1	0.07	0.07	0.07	0.07	3.03	ppb
Tin	118-1	0.11	0.07	0.08	0.09	19.97	ppb
Titanium	47-1	186.43	185.39	188.64	186.82	0.89	ppb
Uranium	238-1	1.09	1.07	1.10	1.09	1.18	ppb
Vanadium	51-2	9.96	10.18	10.33	10.16	1.84	ppb
Yttrium	89-1				100		%
Yttrium	89-2				90		%
Zinc	66-2	20.71	21.32	21.48	21.17	1.90	ppb
Zirconium	90-1	1.60	1.62	1.64	1.62	1.40	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-01LX5	Instrumnet Name :	P7
Client Sample ID :	S45-0046L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-23 18:33:22	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.73	1.59	1.66	1.66	3.95	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-01MS	Instrumnet Name :	P7
Client Sample ID :	S45-0046MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:36:56	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33192.59	33511.25	32955.65	33219.83	0.84	ppb
Antimony	121-1	291.18	327.22	308.33	308.91	5.84	ppb
Arsenic	75-2	490.32	488.83	486.60	488.58	0.38	ppb
Barium	135-1	2279.32	2567.40	2424.12	2423.61	5.94	ppb
Barium	137-1	2288.38	2557.97	2413.46	2419.94	5.58	ppb
Beryllium	9-1	410.46	491.91	469.37	457.25	9.20	ppb
Bismuth	209-1				96		%
Bismuth	209-2				91		%
Boron	10-1	390.28	478.17	462.93	443.79	10.58	ppb
Boron	11-1	386.10	477.00	462.21	441.77	11.04	ppb
Cadmium	111-1	405.30	452.47	427.90	428.56	5.51	ppb
Cadmium	106-1	406.49	450.75	428.62	428.62	5.16	ppb
Cadmium	108-1	402.66	458.70	420.16	427.17	6.71	ppb
Calcium	43-1	47460.00	54576.71	51513.79	51183.50	6.97	ppb
Calcium	44-1	51431.75	59561.24	55945.11	55646.03	7.32	ppb
Chromium	52-2	548.41	552.50	545.29	548.73	0.66	ppb
Cobalt	59-2	520.06	522.67	517.07	519.94	0.54	ppb
Copper	63-2	1032.50	1041.33	1019.11	1030.98	1.08	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				98		%
Holmium	165-2				97		%
Indium	115-1				90		%
Indium	115-2				81		%
Iron	56-2	78704.41	79561.01	78002.63	78756.02	0.99	ppb
Iron	57-2	78337.28	79142.09	77531.94	78337.10	1.03	ppb
Lead	206-1	449.08	489.25	469.08	469.14	4.28	ppb
Lead	207-1	426.99	469.26	449.13	448.46	4.71	ppb
Lead	208-1	460.79	503.10	484.24	482.71	4.39	ppb
Lithium	6-1				86		%
Magnesium	24-2	62502.24	63129.10	61988.67	62540.00	0.91	ppb
Manganese	55-2	1714.91	1728.28	1691.59	1711.59	1.08	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-01MS	Instrumnet Name :	P7
Client Sample ID :	S45-0046MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:36:56	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2108.58	2361.39	2247.34	2239.11	5.65	ppb
Molybdenum	95-1	2062.76	2295.98	2206.00	2188.25	5.37	ppb
Molybdenum	96-1	2076.21	2312.74	2204.75	2197.90	5.39	ppb
Molybdenum	97-1	2060.30	2323.60	2199.26	2194.39	6.00	ppb
Molybdenum	98-1	2067.44	2329.00	2212.32	2202.92	5.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	568.99	567.52	558.07	564.86	1.05	ppb
Phosphorus	31-2	1223.79	1169.93	1287.51	1227.08	4.80	ppb
Potassium	39-2	29599.62	29572.94	29428.93	29533.83	0.31	ppb
Rhodium	103-1				86		%
Rhodium	103-2				88		%
Scandium	45-1				90		%
Scandium	45-2				79		%
Selenium	77-2	423.22	424.66	438.57	428.81	1.98	ppb
Selenium	78-2	414.31	418.45	420.27	417.68	0.73	ppb
Selenium	82-1	371.81	413.77	397.42	394.34	5.36	ppb
Silicon	28-1	1314.29	1755.87	1432.76	1500.97	15.23	ppb
Silver	109-1	445.84	494.26	466.48	468.86	5.18	ppb
Silver	107-1	444.29	494.80	465.10	468.06	5.42	ppb
Sodium	23-2	51795.43	52202.33	51433.21	51810.32	0.74	ppb
Strontium	86-1	411.75	462.66	439.40	437.94	5.82	ppb
Strontium	88-1	443.86	496.56	473.73	471.38	5.61	ppb
Sulfur	34-1	-1833.95	-657.00	-1327.19	-1272.71		ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	472.35	511.20	496.86	493.47	3.98	ppb
Thallium	205-1	471.63	504.89	495.50	490.67	3.50	ppb
Tin	118-1	377.24	419.65	395.90	397.59	5.35	ppb
Titanium	47-1	3230.72	3760.07	3537.41	3509.40	7.57	ppb
Uranium	238-1	465.50	513.47	493.22	490.73	4.91	ppb
Vanadium	51-2	539.00	542.06	535.07	538.71	0.65	ppb
Yttrium	89-1				97		%
Yttrium	89-2				88		%
Zinc	66-2	1064.69	1074.77	1057.50	1065.65	0.81	ppb
Zirconium	90-1	438.64	492.74	469.99	467.13	5.81	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-01MS	Instrumnet Name :	P7
Client Sample ID :	S45-0046MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:36:56	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	408.40	457.49	437.16	434.35	5.68	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-01MSD	Instrumnet Name :	P7
Client Sample ID :	S45-0046MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:40:33	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40488.40	38732.95	38697.42	39306.26	2.60	ppb
Antimony	121-1	309.15	289.15	288.49	295.60	3.97	ppb
Arsenic	75-2	482.56	466.51	466.77	471.95	1.95	ppb
Barium	135-1	2546.74	2400.05	2382.23	2443.01	3.70	ppb
Barium	137-1	2551.12	2401.90	2376.13	2443.05	3.87	ppb
Beryllium	9-1	481.57	456.13	454.75	464.15	3.25	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Boron	10-1	476.36	458.03	464.12	466.17	2.00	ppb
Boron	11-1	474.53	462.38	457.00	464.64	1.93	ppb
Cadmium	111-1	443.04	415.71	412.64	423.80	3.95	ppb
Cadmium	106-1	443.02	412.70	414.72	423.48	4.00	ppb
Cadmium	108-1	435.42	412.28	413.71	420.47	3.08	ppb
Calcium	43-1	47638.81	45375.92	45383.56	46132.77	2.83	ppb
Calcium	44-1	52228.67	49716.61	49404.80	50450.02	3.07	ppb
Chromium	52-2	556.12	535.04	532.23	541.13	2.41	ppb
Cobalt	59-2	502.28	479.56	485.01	488.95	2.43	ppb
Copper	63-2	1006.15	965.75	969.41	980.44	2.28	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				98		%
Indium	115-1				88		%
Indium	115-2				82		%
Iron	56-2	83555.73	80231.26	80272.11	81353.03	2.34	ppb
Iron	57-2	83106.08	80092.83	80310.96	81169.96	2.07	ppb
Lead	206-1	476.85	451.93	451.13	459.97	3.18	ppb
Lead	207-1	456.65	434.10	431.82	440.85	3.11	ppb
Lead	208-1	495.05	467.17	466.46	476.23	3.42	ppb
Lithium	6-1				81		%
Magnesium	24-2	64276.63	61850.78	61513.40	62546.94	2.41	ppb
Manganese	55-2	1727.84	1663.93	1658.58	1683.45	2.29	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-01MSD	Instrumnet Name :	P7
Client Sample ID :	S45-0046MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:40:33	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2284.45	2166.64	2165.01	2205.37	3.11	ppb
Molybdenum	95-1	2247.08	2123.35	2110.10	2160.18	3.50	ppb
Molybdenum	96-1	2251.12	2127.74	2126.30	2168.38	3.30	ppb
Molybdenum	97-1	2238.70	2121.21	2114.26	2158.05	3.24	ppb
Molybdenum	98-1	2237.11	2136.39	2115.98	2163.16	3.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	553.33	531.39	533.68	539.47	2.24	ppb
Phosphorus	31-2	1266.65	1208.60	1219.00	1231.41	2.51	ppb
Potassium	39-2	29998.49	28926.41	28814.76	29246.56	2.23	ppb
Rhodium	103-1				85		%
Rhodium	103-2				89		%
Scandium	45-1				89		%
Scandium	45-2				81		%
Selenium	77-2	435.07	395.56	413.29	414.64	4.77	ppb
Selenium	78-2	415.38	392.49	393.73	400.53	3.21	ppb
Selenium	82-1	400.40	377.81	375.92	384.71	3.54	ppb
Silicon	28-1	1514.09	1474.30	1487.61	1492.00	1.36	ppb
Silver	109-1	475.96	442.13	444.58	454.22	4.15	ppb
Silver	107-1	475.40	442.32	442.57	453.43	4.20	ppb
Sodium	23-2	50235.03	48189.15	48321.06	48915.08	2.34	ppb
Strontium	86-1	444.92	422.90	422.30	430.04	3.00	ppb
Strontium	88-1	480.11	453.87	455.77	463.25	3.16	ppb
Sulfur	34-1	-989.60	-1433.11	-1535.77	-1319.49		ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	505.09	477.18	476.65	486.31	3.35	ppb
Thallium	205-1	501.35	474.75	472.77	482.96	3.30	ppb
Tin	118-1	410.87	385.83	380.81	392.50	4.10	ppb
Titanium	47-1	3882.17	3656.16	3648.86	3729.06	3.56	ppb
Uranium	238-1	498.61	472.39	473.97	481.66	3.05	ppb
Vanadium	51-2	533.82	515.22	511.95	520.33	2.27	ppb
Yttrium	89-1				96		%
Yttrium	89-2				89		%
Zinc	66-2	1053.90	1016.38	1024.40	1031.56	1.92	ppb
Zirconium	90-1	473.73	452.35	450.32	458.80	2.83	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-01MSD	Instrumnet Name :	P7
Client Sample ID :	S45-0046MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:40:33	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	441.85	419.97	422.09	427.97	2.82	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-01A	Instrumnet Name :	P7
Client Sample ID :	S45-0046A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:44:09	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38153.00	37773.07	37290.64	37738.91	1.15	ppb
Antimony	121-1	301.18	302.69	301.96	301.94	0.25	ppb
Arsenic	75-2	481.25	479.64	482.13	481.00	0.26	ppb
Barium	135-1	2417.46	2424.45	2432.54	2424.82	0.31	ppb
Barium	137-1	2409.50	2423.10	2422.40	2418.33	0.32	ppb
Beryllium	9-1	467.85	467.30	468.03	467.73	0.08	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Boron	10-1	464.92	474.08	478.48	472.49	1.46	ppb
Boron	11-1	467.88	468.65	480.93	472.48	1.55	ppb
Cadmium	111-1	422.09	426.93	426.07	425.03	0.61	ppb
Cadmium	106-1	419.11	423.45	416.43	419.66	0.84	ppb
Cadmium	108-1	417.21	416.52	420.22	417.99	0.47	ppb
Calcium	43-1	48970.29	48546.01	48535.63	48683.98	0.51	ppb
Calcium	44-1	53703.80	53349.09	53221.94	53424.94	0.47	ppb
Chromium	52-2	546.48	545.16	537.22	542.95	0.92	ppb
Cobalt	59-2	508.49	508.47	501.11	506.02	0.84	ppb
Copper	63-2	1010.25	1010.84	996.60	1005.90	0.80	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				99		%
Indium	115-1				91		%
Indium	115-2				83		%
Iron	56-2	80735.94	80250.72	78943.51	79976.72	1.16	ppb
Iron	57-2	80373.28	79635.83	78845.52	79618.21	0.96	ppb
Lead	206-1	466.30	468.00	461.52	465.27	0.72	ppb
Lead	207-1	445.08	448.64	439.87	444.53	0.99	ppb
Lead	208-1	481.31	483.77	477.01	480.70	0.71	ppb
Lithium	6-1				83		%
Magnesium	24-2	63327.93	62927.89	62019.03	62758.28	1.07	ppb
Manganese	55-2	1715.32	1718.53	1681.59	1705.15	1.20	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-01A	Instrumnet Name :	P7
Client Sample ID :	S45-0046A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:44:09	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2205.66	2214.42	2214.84	2211.64	0.23	ppb
Molybdenum	95-1	2164.11	2161.34	2162.91	2162.79	0.06	ppb
Molybdenum	96-1	2178.35	2171.06	2161.49	2170.30	0.39	ppb
Molybdenum	97-1	2168.97	2150.95	2175.17	2165.03	0.58	ppb
Molybdenum	98-1	2176.19	2163.32	2180.04	2173.19	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	558.68	556.46	546.13	553.76	1.21	ppb
Phosphorus	31-2	1234.21	1190.96	1248.64	1224.60	2.45	ppb
Potassium	39-2	29704.40	29596.34	29301.16	29533.97	0.71	ppb
Rhodium	103-1				87		%
Rhodium	103-2				90		%
Scandium	45-1				91		%
Scandium	45-2				81		%
Selenium	77-2	429.47	430.86	416.07	425.46	1.92	ppb
Selenium	78-2	416.85	409.52	410.72	412.36	0.95	ppb
Selenium	82-1	387.48	383.11	386.62	385.74	0.60	ppb
Silicon	28-1	1408.82	1418.31	1420.55	1415.90	0.44	ppb
Silver	109-1	462.24	463.36	462.90	462.83	0.12	ppb
Silver	107-1	458.93	460.12	462.43	460.49	0.39	ppb
Sodium	23-2	51086.29	50831.84	49989.56	50635.90	1.13	ppb
Strontium	86-1	433.31	431.40	427.57	430.76	0.68	ppb
Strontium	88-1	467.00	466.55	466.79	466.78	0.05	ppb
Sulfur	34-1	-1475.71	-1624.91	-1721.09	-1607.24		ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	490.30	496.02	491.95	492.75	0.60	ppb
Thallium	205-1	492.08	494.80	487.05	491.31	0.80	ppb
Tin	118-1	393.89	395.00	392.37	393.75	0.34	ppb
Titanium	47-1	3612.79	3570.14	3547.43	3576.78	0.93	ppb
Uranium	238-1	488.64	487.38	484.77	486.93	0.40	ppb
Vanadium	51-2	534.62	533.04	527.77	531.81	0.67	ppb
Yttrium	89-1				99		%
Yttrium	89-2				90		%
Zinc	66-2	1059.02	1051.30	1040.77	1050.36	0.87	ppb
Zirconium	90-1	464.21	461.79	461.08	462.36	0.35	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-01A	Instrumnet Name :	P7
Client Sample ID :	S45-0046A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:44:09	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	428.38	430.21	429.77	429.46	0.22	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-02	Instrumnet Name :	P7
Client Sample ID :	S45-0047	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:47:45	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26024.94	26212.88	26006.17	26081.33	0.44	ppb
Antimony	121-1	0.28	0.30	0.32	0.30	6.71	ppb
Arsenic	75-2	70.60	69.80	70.93	70.45	0.83	ppb
Barium	135-1	94.69	94.41	95.38	94.83	0.53	ppb
Barium	137-1	95.45	93.19	95.23	94.63	1.32	ppb
Beryllium	9-1	1.38	1.41	1.30	1.36	4.22	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	25.58	23.70	23.67	24.32	4.52	ppb
Boron	11-1	25.72	23.74	22.77	24.08	6.24	ppb
Cadmium	111-1	0.12	0.12	0.11	0.11	5.08	ppb
Cadmium	106-1	0.60	-0.25	0.26	0.20	211.17	ppb
Cadmium	108-1	1.39	1.11	1.44	1.31	13.35	ppb
Calcium	43-1	4438.58	4391.83	4432.26	4420.89	0.57	ppb
Calcium	44-1	4402.32	4384.60	4381.91	4389.61	0.25	ppb
Chromium	52-2	70.80	71.51	70.76	71.02	0.60	ppb
Cobalt	59-2	22.63	22.53	22.58	22.58	0.22	ppb
Copper	63-2	66.92	66.92	66.90	66.91	0.02	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				100		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				86		%
Iron	56-2	61884.92	62026.17	61974.61	61961.90	0.12	ppb
Iron	57-2	55950.55	56597.39	56181.86	56243.27	0.58	ppb
Lead	206-1	29.11	28.85	28.98	28.98	0.45	ppb
Lead	207-1	24.94	24.82	25.12	24.96	0.60	ppb
Lead	208-1	26.71	26.55	26.70	26.65	0.35	ppb
Lithium	6-1				85		%
Magnesium	24-2	11782.22	11847.74	11801.39	11810.45	0.29	ppb
Manganese	55-2	857.39	868.04	864.84	863.42	0.63	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-02	Instrumnet Name :	P7
Client Sample ID :	S45-0047	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:47:45	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	15.75	15.99	15.82	15.85	0.79	ppb
Molybdenum	95-1	1.58	1.66	1.67	1.64	3.00	ppb
Molybdenum	96-1	3.71	3.63	3.73	3.69	1.40	ppb
Molybdenum	97-1	1.57	1.63	1.50	1.57	4.26	ppb
Molybdenum	98-1	1.62	1.63	1.66	1.63	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	71.03	72.52	72.06	71.87	1.07	ppb
Phosphorus	31-2	1352.53	1283.27	1304.07	1313.29	2.71	ppb
Potassium	39-2	5388.15	5407.68	5356.88	5384.23	0.48	ppb
Rhodium	103-1				91		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				81		%
Selenium	77-2	23.68	29.58	27.25	26.84	11.07	ppb
Selenium	78-2	4.54	4.46	4.63	4.54	1.81	ppb
Selenium	82-1	0.53	0.78	0.56	0.62	22.36	ppb
Silicon	28-1	546.79	513.16	526.25	528.73	3.21	ppb
Silver	109-1	0.15	0.15	0.17	0.16	7.94	ppb
Silver	107-1	0.19	0.16	0.18	0.18	9.09	ppb
Sodium	23-2	268.82	272.49	274.34	271.89	1.03	ppb
Strontium	86-1	14.71	14.70	14.43	14.61	1.10	ppb
Strontium	88-1	14.46	14.31	14.33	14.37	0.56	ppb
Sulfur	34-1	-1877.03	-2055.66	-2024.55	-1985.75		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.63	0.57	0.56	0.59	6.52	ppb
Thallium	205-1	0.58	0.59	0.58	0.59	1.14	ppb
Tin	118-1	0.72	0.78	0.74	0.74	4.00	ppb
Titanium	47-1	1081.27	1076.82	1084.00	1080.70	0.34	ppb
Uranium	238-1	6.50	6.54	6.42	6.49	0.88	ppb
Vanadium	51-2	59.58	61.12	60.49	60.40	1.29	ppb
Yttrium	89-1				101		%
Yttrium	89-2				92		%
Zinc	66-2	125.11	126.99	125.00	125.70	0.89	ppb
Zirconium	90-1	9.63	9.68	9.59	9.63	0.47	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-02	Instrumnet Name :	P7
Client Sample ID :	S45-0047	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:47:45	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	10.00	9.77	9.65	9.81	1.78	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:11:53	DataFile Name :	068CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52871.67	54424.11	55348.22	54214.67	2.31	ppb
Antimony	121-1	506.23	498.28	503.24	502.58	0.80	ppb
Arsenic	75-2	483.00	502.27	506.66	497.31	2.53	ppb
Barium	135-1	2456.62	2421.49	2446.32	2441.47	0.74	ppb
Barium	137-1	2445.30	2418.50	2433.01	2432.27	0.55	ppb
Beryllium	9-1	498.64	500.16	495.78	498.19	0.45	ppb
Bismuth	209-1				96		%
Bismuth	209-2				91		%
Boron	10-1	484.01	499.94	503.07	495.67	2.06	ppb
Boron	11-1	488.59	488.97	499.63	492.40	1.27	ppb
Cadmium	111-1	480.79	475.00	478.01	477.93	0.61	ppb
Cadmium	106-1	470.78	469.82	474.13	471.58	0.48	ppb
Cadmium	108-1	474.04	467.32	469.31	470.22	0.73	ppb
Calcium	43-1	237315.94	240996.56	240958.10	239756.87	0.88	ppb
Calcium	44-1	238417.19	240935.09	239822.21	239724.83	0.53	ppb
Chromium	52-2	514.39	519.50	527.66	520.52	1.29	ppb
Cobalt	59-2	498.38	507.04	514.33	506.58	1.58	ppb
Copper	63-2	954.46	977.04	986.93	972.81	1.71	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				104		%
Holmium	165-2				102		%
Indium	115-1				94		%
Indium	115-2				85		%
Iron	56-2	136614.54	138192.56	139661.89	138156.33	1.10	ppb
Iron	57-2	138410.58	139428.66	140919.89	139586.38	0.90	ppb
Lead	206-1	459.73	462.20	461.27	461.06	0.27	ppb
Lead	207-1	455.52	454.68	457.07	455.76	0.27	ppb
Lead	208-1	484.28	481.88	488.56	484.91	0.70	ppb
Lithium	6-1				84		%
Magnesium	24-2	261079.70	270380.56	272519.38	267993.22	2.27	ppb
Manganese	55-2	987.08	993.21	1009.15	996.48	1.14	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:11:53	DataFile Name :	068CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2512.04	2485.21	2490.48	2495.91	0.57	ppb
Molybdenum	95-1	2507.33	2485.67	2501.56	2498.19	0.45	ppb
Molybdenum	96-1	2511.29	2494.92	2497.91	2501.37	0.35	ppb
Molybdenum	97-1	2511.30	2497.85	2517.77	2508.98	0.40	ppb
Molybdenum	98-1	2517.94	2496.29	2510.39	2508.20	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.60	511.70	518.81	510.03	1.90	ppb
Phosphorus	31-2	9512.32	9695.46	9921.23	9709.67	2.11	ppb
Potassium	39-2	127963.19	130985.60	132920.57	130623.12	1.91	ppb
Rhodium	103-1				89		%
Rhodium	103-2				90		%
Scandium	45-1				95		%
Scandium	45-2				86		%
Selenium	77-2	485.34	505.07	526.32	505.58	4.05	ppb
Selenium	78-2	495.67	511.56	520.49	509.24	2.47	ppb
Selenium	82-1	467.66	459.48	467.76	464.97	1.02	ppb
Silicon	28-1	439.64	451.76	458.06	449.82	2.08	ppb
Silver	109-1	493.50	488.93	495.74	492.72	0.70	ppb
Silver	107-1	495.67	493.21	494.42	494.43	0.25	ppb
Sodium	23-2	259954.92	271989.28	275009.78	268984.66	2.96	ppb
Strontium	86-1	463.39	457.52	459.33	460.08	0.65	ppb
Strontium	88-1	501.90	495.87	498.35	498.70	0.61	ppb
Sulfur	34-1	8193.50	8260.66	8228.22	8227.46	0.41	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	510.14	511.53	514.75	512.14	0.46	ppb
Thallium	205-1	507.51	512.13	511.85	510.50	0.51	ppb
Tin	118-1	486.81	482.35	486.57	485.24	0.52	ppb
Titanium	47-1	2278.11	2262.83	2255.91	2265.62	0.50	ppb
Uranium	238-1	515.19	515.99	509.02	513.40	0.74	ppb
Vanadium	51-2	504.04	510.17	517.13	510.45	1.28	ppb
Yttrium	89-1				97		%
Yttrium	89-2				88		%
Zinc	66-2	945.16	976.26	984.93	968.78	2.16	ppb
Zirconium	90-1	501.67	498.74	496.07	498.83	0.56	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:11:53	DataFile Name :	068CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	465.02	460.01	460.05	461.69	0.62	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:17:07	DataFile Name :	069CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.76	0.67	0.72	0.72	5.82	ppb
Antimony	121-1	0.18	0.17	0.18	0.18	2.66	ppb
Arsenic	75-2	0.00	0.04	0.05	0.03	89.83	ppb
Barium	135-1	0.05	0.04	0.03	0.04	26.38	ppb
Barium	137-1	0.06	0.04	0.03	0.04	40.18	ppb
Beryllium	9-1	0.04	0.09	0.05	0.06	39.31	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	8.55	10.93	9.56	9.68	12.37	ppb
Boron	11-1	9.87	10.74	9.09	9.90	8.32	ppb
Cadmium	111-1	-0.11	-0.13	-0.09	-0.11		ppb
Cadmium	106-1	-3.06	-3.35	-2.65	-3.02		ppb
Cadmium	108-1	-0.01	0.00	-0.04	-0.02		ppb
Calcium	43-1	3.01	1.44	2.87	2.44	35.63	ppb
Calcium	44-1	1.09	2.52	0.71	1.44	66.45	ppb
Chromium	52-2	0.01	0.02	0.00	0.01	92.24	ppb
Cobalt	59-2	0.00	0.01	0.01	0.00	130.03	ppb
Copper	63-2	0.07	0.05	0.03	0.05	38.06	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				106		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				92		%
Iron	56-2	2.68	2.56	2.30	2.51	7.65	ppb
Iron	57-2	1.62	1.41	0.64	1.22	42.45	ppb
Lead	206-1	0.02	0.02	0.01	0.01	25.79	ppb
Lead	207-1	0.00	0.01	0.02	0.01	76.82	ppb
Lead	208-1	0.01	0.01	0.01	0.01	14.54	ppb
Lithium	6-1				95		%
Magnesium	24-2	4.89	4.26	4.27	4.47	8.11	ppb
Manganese	55-2	0.01	0.02	0.01	0.01	52.93	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:17:07	DataFile Name :	069CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.20	0.18	0.18	0.19	4.98	ppb
Molybdenum	95-1	0.16	0.20	0.17	0.18	13.09	ppb
Molybdenum	96-1	0.17	0.18	0.13	0.16	15.53	ppb
Molybdenum	97-1	0.20	0.16	0.15	0.17	14.05	ppb
Molybdenum	98-1	0.15	0.18	0.16	0.16	7.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.05	-0.04	-0.04		ppb
Phosphorus	31-2	-46.74	-44.31	-44.05	-45.03		ppb
Potassium	39-2	1.78	-1.71	-2.03	-0.65		ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				88		%
Selenium	77-2	0.34	0.68	0.00	0.34	100.24	ppb
Selenium	78-2	0.16	0.23	-0.32	0.03	1148.92	ppb
Selenium	82-1	-0.43	0.42	0.13	0.04	1055.62	ppb
Silicon	28-1	-34.13	-32.20	-32.60	-32.98		ppb
Silver	109-1	0.03	0.03	0.03	0.03	4.34	ppb
Silver	107-1	0.03	0.03	0.03	0.03	5.04	ppb
Sodium	23-2	24.28	23.08	21.40	22.92	6.31	ppb
Strontium	86-1	-0.03	-0.03	-0.02	-0.02		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	7.86	ppb
Sulfur	34-1	-1326.43	-854.67	-932.42	-1037.84		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.06	0.08	0.07	0.07	8.14	ppb
Thallium	205-1	0.07	0.07	0.07	0.07	5.47	ppb
Tin	118-1	0.08	0.07	0.05	0.06	27.14	ppb
Titanium	47-1	0.09	0.10	0.10	0.10	7.41	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	27.18	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	77.58	ppb
Yttrium	89-1				100		%
Yttrium	89-2				91		%
Zinc	66-2	0.02	-0.04	0.05	0.01	467.47	ppb
Zirconium	90-1	0.05	0.05	0.05	0.05	5.31	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:17:07	DataFile Name :	069CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.08	0.07	0.06	38.80	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-03	Instrumnet Name :	P7
Client Sample ID :	S45-0048	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:20:41	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45302.41	44615.25	44581.51	44833.05	0.91	ppb
Antimony	121-1	1.04	1.01	0.97	1.01	3.32	ppb
Arsenic	75-2	70.36	70.78	71.17	70.77	0.57	ppb
Barium	135-1	201.55	201.06	200.13	200.91	0.36	ppb
Barium	137-1	200.66	199.29	200.70	200.22	0.40	ppb
Beryllium	9-1	1.70	1.71	1.78	1.73	2.44	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	18.81	18.20	17.87	18.29	2.62	ppb
Boron	11-1	17.67	17.04	18.11	17.61	3.08	ppb
Cadmium	111-1	0.70	0.75	0.60	0.68	11.21	ppb
Cadmium	106-1	2.52	3.32	2.09	2.64	23.57	ppb
Cadmium	108-1	2.45	2.63	2.84	2.64	7.50	ppb
Calcium	43-1	20293.06	20221.99	20243.10	20252.72	0.18	ppb
Calcium	44-1	22114.35	22127.59	22089.78	22110.57	0.09	ppb
Chromium	52-2	101.44	99.88	99.81	100.37	0.92	ppb
Cobalt	59-2	27.78	27.25	27.61	27.55	0.99	ppb
Copper	63-2	262.42	262.36	261.57	262.12	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				100		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				86		%
Iron	56-2	77141.36	76552.37	76486.23	76726.65	0.47	ppb
Iron	57-2	76659.43	75893.98	76652.82	76402.08	0.58	ppb
Lead	206-1	42.55	41.65	41.94	42.05	1.09	ppb
Lead	207-1	37.49	37.28	37.25	37.34	0.36	ppb
Lead	208-1	39.67	39.13	39.36	39.39	0.70	ppb
Lithium	6-1				84		%
Magnesium	24-2	16809.07	16605.35	16541.34	16651.92	0.84	ppb
Manganese	55-2	1692.59	1676.84	1676.87	1682.10	0.54	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-03	Instrumnet Name :	P7
Client Sample ID :	S45-0048	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:20:41	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	50.26	33.22	34.44	39.30	24.19	ppb
Molybdenum	95-1	4.89	4.69	5.03	4.87	3.42	ppb
Molybdenum	96-1	8.86	8.61	10.37	9.28	10.28	ppb
Molybdenum	97-1	5.02	4.98	5.09	5.03	1.03	ppb
Molybdenum	98-1	4.91	4.97	4.85	4.91	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	87.99	87.73	88.48	88.07	0.43	ppb
Phosphorus	31-2	13494.36	13094.63	12886.27	13158.42	2.35	ppb
Potassium	39-2	6590.57	6537.19	6543.51	6557.09	0.44	ppb
Rhodium	103-1				91		%
Rhodium	103-2				93		%
Scandium	45-1				95		%
Scandium	45-2				84		%
Selenium	77-2	20.17	27.17	22.53	23.29	15.29	ppb
Selenium	78-2	6.94	6.14	6.55	6.54	6.14	ppb
Selenium	82-1	2.49	3.10	2.17	2.59	18.14	ppb
Silicon	28-1	1127.43	1037.17	1160.22	1108.28	5.75	ppb
Silver	109-1	2.33	2.35	2.30	2.32	0.97	ppb
Silver	107-1	2.37	2.29	2.30	2.32	1.97	ppb
Sodium	23-2	827.77	802.22	799.84	809.94	1.91	ppb
Strontium	86-1	71.92	71.92	72.32	72.05	0.32	ppb
Strontium	88-1	70.05	70.16	70.72	70.31	0.51	ppb
Sulfur	34-1	1925.77	1615.39	1539.59	1693.58	12.08	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.46	0.45	0.43	0.45	3.95	ppb
Thallium	205-1	0.45	0.45	0.43	0.45	2.76	ppb
Tin	118-1	3.73	3.75	3.63	3.70	1.84	ppb
Titanium	47-1	1291.44	1284.87	1276.15	1284.15	0.60	ppb
Uranium	238-1	8.91	9.04	9.14	9.03	1.23	ppb
Vanadium	51-2	72.87	71.23	72.49	72.19	1.19	ppb
Yttrium	89-1				103		%
Yttrium	89-2				94		%
Zinc	66-2	576.58	576.86	574.91	576.12	0.18	ppb
Zirconium	90-1	20.15	18.51	19.42	19.36	4.23	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-03	Instrumnet Name :	P7
Client Sample ID :	S45-0048	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:20:41	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	19.95	19.91	18.83	19.56	3.26	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-04	Instrumnet Name :	P7
Client Sample ID :	S45-0049	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:24:21	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	103206.01	101455.47	101720.72	102127.40	0.92	ppb
Antimony	121-1	0.42	0.41	0.37	0.40	5.90	ppb
Arsenic	75-2	91.10	91.09	91.94	91.38	0.53	ppb
Barium	135-1	288.31	287.25	287.52	287.69	0.19	ppb
Barium	137-1	290.13	287.95	286.42	288.17	0.65	ppb
Beryllium	9-1	4.62	4.70	4.66	4.66	0.87	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	16.32	14.51	14.92	15.25	6.22	ppb
Boron	11-1	15.60	14.61	15.20	15.14	3.29	ppb
Cadmium	111-1	1.27	1.09	1.26	1.21	8.39	ppb
Cadmium	106-1	2.38	1.30	2.98	2.22	38.41	ppb
Cadmium	108-1	2.84	3.20	2.79	2.94	7.58	ppb
Calcium	43-1	10715.37	10678.13	10781.63	10725.04	0.49	ppb
Calcium	44-1	11669.24	11689.31	11671.48	11676.68	0.09	ppb
Chromium	52-2	246.99	243.90	243.12	244.67	0.84	ppb
Cobalt	59-2	48.70	47.73	47.40	47.94	1.40	ppb
Copper	63-2	233.76	229.33	228.52	230.54	1.22	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				94		%
Indium	115-2				87		%
Iron	56-2	183048.15	179581.42	180919.25	181182.94	0.96	ppb
Iron	57-2	182448.16	178899.62	179640.39	180329.39	1.04	ppb
Lead	206-1	203.43	198.38	198.47	200.10	1.44	ppb
Lead	207-1	180.36	179.37	177.20	178.98	0.90	ppb
Lead	208-1	189.26	187.91	186.92	188.03	0.62	ppb
Lithium	6-1				83		%
Magnesium	24-2	23866.52	23636.84	23757.66	23753.67	0.48	ppb
Manganese	55-2	2597.28	2556.05	2566.59	2573.31	0.83	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-04	Instrumnet Name :	P7
Client Sample ID :	S45-0049	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:24:21	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	30.15	29.62	30.52	30.10	1.51	ppb
Molybdenum	95-1	9.68	9.58	9.35	9.54	1.78	ppb
Molybdenum	96-1	13.22	13.04	12.87	13.05	1.35	ppb
Molybdenum	97-1	9.45	9.57	9.35	9.45	1.17	ppb
Molybdenum	98-1	9.58	9.42	9.51	9.50	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	151.32	148.69	148.62	149.54	1.03	ppb
Phosphorus	31-2	5225.72	5018.85	5098.14	5114.24	2.04	ppb
Potassium	39-2	8320.02	8173.56	8241.99	8245.19	0.89	ppb
Rhodium	103-1				91		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				87		%
Selenium	77-2	36.18	38.82	43.17	39.39	8.96	ppb
Selenium	78-2	11.27	10.76	9.70	10.58	7.57	ppb
Selenium	82-1	3.71	3.91	4.06	3.89	4.59	ppb
Silicon	28-1	3357.65	3622.04	3490.75	3490.15	3.79	ppb
Silver	109-1	0.63	0.60	0.62	0.61	2.51	ppb
Silver	107-1	0.56	0.56	0.55	0.56	0.60	ppb
Sodium	23-2	483.27	474.73	473.54	477.18	1.11	ppb
Strontium	86-1	55.23	54.21	54.00	54.48	1.21	ppb
Strontium	88-1	53.24	52.67	53.06	52.99	0.55	ppb
Sulfur	34-1	-93.74	-177.21	-241.60	-170.85		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	1.15	1.16	1.09	1.13	3.38	ppb
Thallium	205-1	1.17	1.13	1.11	1.14	2.62	ppb
Tin	118-1	3.38	3.38	3.29	3.35	1.59	ppb
Titanium	47-1	3527.10	3542.92	3582.67	3550.89	0.81	ppb
Uranium	238-1	10.99	10.86	10.99	10.95	0.66	ppb
Vanadium	51-2	232.82	230.11	230.20	231.04	0.66	ppb
Yttrium	89-1				108		%
Yttrium	89-2				99		%
Zinc	66-2	427.64	423.33	423.56	424.84	0.57	ppb
Zirconium	90-1	15.37	15.15	15.34	15.29	0.78	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-04	Instrumnet Name :	P7
Client Sample ID :	S45-0049	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:24:21	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	15.55	15.69	15.22	15.48	1.57	ppb

LB Number : LB96824 Operator : Jaswal
 Lab Sample ID : J4070-01 Instrumnet Name : P7
 Client Sample ID : KY030LC011-S-180718 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 19:27:57 DataFile Name : 072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	68170.62	67931.22	67669.40	67923.75	0.37	ppb
Antimony	121-1	0.24	0.23	0.24	0.24	2.86	ppb
Arsenic	75-2	36.95	37.01	36.29	36.75	1.09	ppb
Barium	135-1	662.16	663.81	661.76	662.58	0.16	ppb
Barium	137-1	660.91	660.77	658.44	660.04	0.21	ppb
Beryllium	9-1	5.43	5.42	5.41	5.42	0.14	ppb
Bismuth	209-1				89		%
Bismuth	209-2				86		%
Boron	10-1	56.60	61.76	60.08	59.48	4.43	ppb
Boron	11-1	59.88	60.31	61.16	60.45	1.08	ppb
Cadmium	111-1	6.80	6.90	7.01	6.90	1.49	ppb
Cadmium	106-1	26.09	26.19	25.87	26.05	0.62	ppb
Cadmium	108-1	14.63	12.81	12.63	13.36	8.32	ppb
Calcium	43-1	1561044.85	1560305.78	1538350.64	1553233.76	0.83	ppb
Calcium	44-1	1558038.42	1564863.76	1551367.75	1558089.97	0.43	ppb
Chromium	52-2	192.14	192.66	189.90	191.57	0.77	ppb
Cobalt	59-2	42.62	42.97	42.66	42.75	0.45	ppb
Copper	63-2	75.41	75.26	74.59	75.09	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				100		%
Holmium	165-2				99		%
Indium	115-1				91		%
Indium	115-2				82		%
Iron	56-2	114132.20	113431.29	113040.99	113534.83	0.49	ppb
Iron	57-2	117022.15	117598.65	116527.60	117049.47	0.46	ppb
Lead	206-1	978.91	975.35	966.91	973.72	0.63	ppb
Lead	207-1	903.05	895.74	887.06	895.28	0.89	ppb
Lead	208-1	934.23	930.44	923.57	929.42	0.58	ppb
Lithium	6-1				80		%
Magnesium	24-2	26457.73	26331.07	26268.75	26352.51	0.37	ppb
Manganese	55-2	3169.94	3161.57	3144.92	3158.81	0.40	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4070-01	Instrumnet Name :	P7
Client Sample ID :	KY030LC011-S-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:27:57	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	65.50	66.17	65.72	65.80	0.52	ppb
Molybdenum	95-1	1.04	0.99	1.08	1.04	4.41	ppb
Molybdenum	96-1	9.41	9.33	9.43	9.39	0.56	ppb
Molybdenum	97-1	1.03	1.02	1.02	1.02	0.77	ppb
Molybdenum	98-1	1.00	1.05	1.01	1.02	2.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.31	100.79	100.82	100.64	0.28	ppb
Phosphorus	31-2	18383.53	18597.40	18707.15	18562.70	0.89	ppb
Potassium	39-2	19012.08	18925.77	18842.33	18926.73	0.45	ppb
Rhodium	103-1				83		%
Rhodium	103-2				85		%
Scandium	45-1				97		%
Scandium	45-2				88		%
Selenium	77-2	69.82	74.56	79.09	74.49	6.22	ppb
Selenium	78-2	14.38	16.41	16.37	15.72	7.36	ppb
Selenium	82-1	4.34	3.96	4.74	4.35	9.00	ppb
Silicon	28-1	1894.65	1555.70	1491.97	1647.44	13.14	ppb
Silver	109-1	4.26	4.30	4.25	4.27	0.53	ppb
Silver	107-1	4.25	4.41	4.30	4.32	1.94	ppb
Sodium	23-2	1736.69	1722.48	1732.72	1730.63	0.42	ppb
Strontium	86-1	921.59	924.60	923.05	923.08	0.16	ppb
Strontium	88-1	911.71	911.42	914.91	912.68	0.21	ppb
Sulfur	34-1	3890.43	3766.70	3796.20	3817.78	1.69	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	1.03	1.13	1.06	1.07	4.97	ppb
Thallium	205-1	1.07	1.08	1.08	1.08	0.43	ppb
Tin	118-1	1.68	1.75	1.70	1.71	2.13	ppb
Titanium	47-1	47.04	45.16	52.95	48.39	8.41	ppb
Uranium	238-1	13.07	13.08	12.82	12.99	1.13	ppb
Vanadium	51-2	185.51	184.85	183.47	184.61	0.56	ppb
Yttrium	89-1				158		%
Yttrium	89-2				143		%
Zinc	66-2	439.31	438.50	435.70	437.84	0.43	ppb
Zirconium	90-1	42.32	42.19	42.30	42.27	0.16	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4070-01	Instrumnet Name :	P7
Client Sample ID :	KY030LC011-S-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:27:57	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	43.79	43.39	43.46	43.55	0.50	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4070-02	Instrumnet Name :	P7
Client Sample ID :	KY030LC015-S-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:31:35	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44671.12	44937.96	44405.88	44671.65	0.60	ppb
Antimony	121-1	0.34	0.33	0.31	0.33	4.94	ppb
Arsenic	75-2	31.35	27.73	27.65	28.91	7.30	ppb
Barium	135-1	386.89	384.84	385.60	385.78	0.27	ppb
Barium	137-1	382.22	382.62	380.02	381.62	0.37	ppb
Beryllium	9-1	4.76	4.82	4.83	4.81	0.77	ppb
Bismuth	209-1				85		%
Bismuth	209-2				73		%
Boron	10-1	126.94	125.71	127.85	126.84	0.85	ppb
Boron	11-1	124.74	126.56	127.10	126.13	0.98	ppb
Cadmium	111-1	3.89	4.04	3.87	3.93	2.26	ppb
Cadmium	106-1	34.50	35.08	32.68	34.09	3.67	ppb
Cadmium	108-1	10.24	9.00	9.22	9.49	6.94	ppb
Calcium	43-1	2675427.04	2677469.92	2691203.01	2681366.66	0.32	ppb
Calcium	44-1	2690526.21	2700182.38	2705917.62	2698875.41	0.29	ppb
Chromium	52-2	204.13	205.11	203.22	204.15	0.46	ppb
Cobalt	59-2	44.60	45.14	44.47	44.74	0.80	ppb
Copper	63-2	41.77	43.03	41.71	42.17	1.77	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				89		%
Indium	115-2				81		%
Iron	56-2	103363.23	104404.06	102953.14	103573.48	0.72	ppb
Iron	57-2	110017.97	111110.69	110998.97	110709.21	0.54	ppb
Lead	206-1	242.07	241.94	237.01	240.34	1.20	ppb
Lead	207-1	217.93	219.70	215.31	217.65	1.01	ppb
Lead	208-1	227.36	227.91	224.20	226.49	0.89	ppb
Lithium	6-1				77		%
Magnesium	24-2	25196.43	25449.45	25173.22	25273.03	0.61	ppb
Manganese	55-2	1924.73	1939.62	1912.38	1925.57	0.71	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4070-02	Instrumnet Name :	P7
Client Sample ID :	KY030LC015-S-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:31:35	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	44.70	44.71	44.33	44.58	0.49	ppb
Molybdenum	95-1	0.98	0.98	1.01	0.99	1.69	ppb
Molybdenum	96-1	6.89	6.58	6.65	6.71	2.39	ppb
Molybdenum	97-1	1.06	0.96	0.98	1.00	5.02	ppb
Molybdenum	98-1	1.03	0.98	0.99	1.00	2.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	70.75	71.39	70.06	70.73	0.94	ppb
Phosphorus	31-2	48981.15	48971.48	49350.02	49100.88	0.44	ppb
Potassium	39-2	20265.60	20398.34	20137.10	20267.01	0.64	ppb
Rhodium	103-1				80		%
Rhodium	103-2				72		%
Scandium	45-1				96		%
Scandium	45-2				89		%
Selenium	77-2	94.65	92.40	83.29	90.11	6.68	ppb
Selenium	78-2	20.30	18.27	18.30	18.96	6.13	ppb
Selenium	82-1	4.68	5.14	4.63	4.82	5.80	ppb
Silicon	28-1	2291.70	1468.39	1495.78	1751.96	26.69	ppb
Silver	109-1	0.89	0.89	0.87	0.88	1.50	ppb
Silver	107-1	1.01	0.96	0.98	0.98	2.44	ppb
Sodium	23-2	2879.48	2936.79	2893.69	2903.32	1.03	ppb
Strontium	86-1	986.41	983.86	984.46	984.91	0.14	ppb
Strontium	88-1	981.19	975.21	972.54	976.31	0.45	ppb
Sulfur	34-1	13387.23	13169.64	13062.71	13206.53	1.25	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.96	0.98	0.97	0.97	1.10	ppb
Thallium	205-1	0.97	1.02	0.97	0.99	3.22	ppb
Tin	118-1	3.50	3.40	3.50	3.47	1.76	ppb
Titanium	47-1	133.86	127.83	124.72	128.80	3.61	ppb
Uranium	238-1	27.50	27.41	27.39	27.43	0.21	ppb
Vanadium	51-2	178.45	180.70	179.20	179.45	0.64	ppb
Yttrium	89-1				228		%
Yttrium	89-2				223		%
Zinc	66-2	249.67	255.92	251.53	252.37	1.27	ppb
Zirconium	90-1	28.75	28.46	28.38	28.53	0.68	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4070-02	Instrumnet Name :	P7
Client Sample ID :	KY030LC015-S-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:31:35	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	29.72	29.14	29.34	29.40	0.99	ppb

LB Number : LB96824 Operator : Jaswal
 Lab Sample ID : J4070-03 Instrumnet Name : P7
 Client Sample ID : KY030LC018-S-180718 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 19:35:13 DataFile Name : 074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	65310.79	66044.79	66919.31	66091.63	1.22	ppb
Antimony	121-1	0.07	0.08	0.07	0.08	2.98	ppb
Arsenic	75-2	34.61	33.77	34.26	34.21	1.23	ppb
Barium	135-1	553.95	548.58	547.36	549.96	0.64	ppb
Barium	137-1	550.14	541.61	543.58	545.11	0.82	ppb
Beryllium	9-1	4.90	4.61	4.77	4.76	3.08	ppb
Bismuth	209-1				89		%
Bismuth	209-2				86		%
Boron	10-1	54.33	56.34	54.38	55.02	2.09	ppb
Boron	11-1	56.07	55.74	54.38	55.40	1.61	ppb
Cadmium	111-1	2.63	2.62	2.48	2.58	3.30	ppb
Cadmium	106-1	24.68	24.17	22.23	23.69	5.46	ppb
Cadmium	108-1	10.18	9.71	10.40	10.10	3.50	ppb
Calcium	43-1	1580156.29	1601672.00	1578679.85	1586836.05	0.81	ppb
Calcium	44-1	1586087.26	1607090.53	1583643.38	1592273.72	0.81	ppb
Chromium	52-2	133.16	134.91	134.88	134.31	0.75	ppb
Cobalt	59-2	44.61	44.82	45.39	44.94	0.90	ppb
Copper	63-2	56.83	57.98	58.31	57.70	1.35	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				92		%
Indium	115-2				82		%
Iron	56-2	150992.70	152173.79	152861.19	152009.23	0.62	ppb
Iron	57-2	154182.37	155763.55	156490.53	155478.82	0.76	ppb
Lead	206-1	127.84	128.61	127.12	127.85	0.58	ppb
Lead	207-1	114.59	115.39	114.10	114.70	0.57	ppb
Lead	208-1	119.88	121.10	119.69	120.22	0.64	ppb
Lithium	6-1				82		%
Magnesium	24-2	29269.11	29738.88	29735.20	29581.06	0.91	ppb
Manganese	55-2	2592.65	2619.67	2610.78	2607.70	0.53	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4070-03	Instrumnet Name :	P7
Client Sample ID :	KY030LC018-S-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:35:13	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	78.67	78.51	79.02	78.73	0.33	ppb
Molybdenum	95-1	0.95	0.98	0.97	0.97	1.38	ppb
Molybdenum	96-1	11.04	10.97	11.09	11.03	0.54	ppb
Molybdenum	97-1	0.99	0.97	0.94	0.97	3.01	ppb
Molybdenum	98-1	0.95	0.90	0.91	0.92	3.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.80	104.53	105.07	104.80	0.26	ppb
Phosphorus	31-2	20692.41	21104.23	21256.68	21017.77	1.39	ppb
Potassium	39-2	15811.39	16007.25	16165.18	15994.60	1.11	ppb
Rhodium	103-1				84		%
Rhodium	103-2				85		%
Scandium	45-1				100		%
Scandium	45-2				90		%
Selenium	77-2	67.02	68.32	72.46	69.27	4.10	ppb
Selenium	78-2	15.20	13.98	14.88	14.69	4.30	ppb
Selenium	82-1	3.73	4.25	4.02	4.00	6.45	ppb
Silicon	28-1	1515.66	1364.20	1808.09	1562.65	14.44	ppb
Silver	109-1	0.31	0.33	0.31	0.32	3.95	ppb
Silver	107-1	0.41	0.43	0.44	0.43	2.96	ppb
Sodium	23-2	1905.61	1920.06	1940.41	1922.03	0.91	ppb
Strontium	86-1	1040.03	1030.43	1040.18	1036.88	0.54	ppb
Strontium	88-1	1031.39	1022.54	1033.06	1029.00	0.55	ppb
Sulfur	34-1	9780.72	9625.25	9644.13	9683.37	0.88	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.99	1.00	0.94	0.98	3.48	ppb
Thallium	205-1	1.00	1.00	0.98	0.99	1.58	ppb
Tin	118-1	0.64	0.60	0.61	0.62	3.82	ppb
Titanium	47-1	45.39	47.02	47.61	46.67	2.46	ppb
Uranium	238-1	14.50	14.59	14.61	14.57	0.41	ppb
Vanadium	51-2	194.50	197.82	199.11	197.15	1.21	ppb
Yttrium	89-1				153		%
Yttrium	89-2				137		%
Zinc	66-2	328.01	330.11	333.34	330.49	0.81	ppb
Zirconium	90-1	51.64	51.66	50.78	51.36	0.98	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4070-03	Instrumnet Name :	P7
Client Sample ID :	KY030LC018-S-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:35:13	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	52.51	52.41	52.49	52.47	0.10	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4104-01	Instrumnet Name :	P7
Client Sample ID :	LA119SW005-S-180719	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:38:52	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54715.97	54033.56	54446.06	54398.53	0.63	ppb
Antimony	121-1	0.12	0.12	0.11	0.11	6.16	ppb
Arsenic	75-2	24.75	24.91	25.59	25.08	1.79	ppb
Barium	135-1	514.29	509.49	513.86	512.55	0.52	ppb
Barium	137-1	512.03	510.53	507.75	510.10	0.43	ppb
Beryllium	9-1	4.10	4.11	4.01	4.07	1.32	ppb
Bismuth	209-1				92		%
Bismuth	209-2				89		%
Boron	10-1	46.00	47.41	48.26	47.22	2.42	ppb
Boron	11-1	47.03	47.04	47.93	47.33	1.09	ppb
Cadmium	111-1	2.42	2.38	2.31	2.37	2.49	ppb
Cadmium	106-1	17.10	17.34	14.66	16.37	9.04	ppb
Cadmium	108-1	7.37	7.12	6.10	6.86	9.79	ppb
Calcium	43-1	1313703.70	1309660.29	1305896.95	1309753.65	0.30	ppb
Calcium	44-1	1313867.58	1310190.41	1318783.90	1314280.63	0.33	ppb
Chromium	52-2	116.05	115.08	115.75	115.62	0.43	ppb
Cobalt	59-2	32.58	32.84	33.17	32.87	0.91	ppb
Copper	63-2	94.80	94.92	96.24	95.32	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				93		%
Indium	115-2				83		%
Iron	56-2	90021.96	89864.23	90606.80	90164.33	0.43	ppb
Iron	57-2	93080.51	92772.09	93300.76	93051.12	0.29	ppb
Lead	206-1	135.47	134.81	134.69	134.99	0.31	ppb
Lead	207-1	123.32	121.99	122.25	122.52	0.58	ppb
Lead	208-1	128.59	127.39	127.97	127.98	0.47	ppb
Lithium	6-1				83		%
Magnesium	24-2	20133.93	19963.14	20203.17	20100.08	0.61	ppb
Manganese	55-2	3427.72	3404.69	3437.59	3423.34	0.49	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4104-01	Instrumnet Name :	P7
Client Sample ID :	LA119SW005-S-180719	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:38:52	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	48.03	47.55	47.58	47.72	0.56	ppb
Molybdenum	95-1	1.15	1.11	1.13	1.13	2.06	ppb
Molybdenum	96-1	7.20	7.23	7.27	7.23	0.47	ppb
Molybdenum	97-1	1.14	1.12	1.19	1.15	3.00	ppb
Molybdenum	98-1	1.09	1.10	1.09	1.09	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	72.09	71.64	73.68	72.47	1.48	ppb
Phosphorus	31-2	17804.27	17474.72	18013.50	17764.16	1.53	ppb
Potassium	39-2	12654.05	12586.21	12700.05	12646.77	0.45	ppb
Rhodium	103-1				85		%
Rhodium	103-2				87		%
Scandium	45-1				98		%
Scandium	45-2				87		%
Selenium	77-2	68.64	65.73	64.06	66.15	3.51	ppb
Selenium	78-2	13.54	14.28	14.98	14.27	5.03	ppb
Selenium	82-1	4.88	4.58	4.53	4.67	4.07	ppb
Silicon	28-1	921.28	949.22	844.91	905.13	5.97	ppb
Silver	109-1	0.73	0.72	0.65	0.70	6.17	ppb
Silver	107-1	0.73	0.78	0.71	0.74	4.60	ppb
Sodium	23-2	1605.46	1591.42	1593.76	1596.88	0.47	ppb
Strontium	86-1	657.41	658.97	651.79	656.05	0.58	ppb
Strontium	88-1	730.60	732.33	729.43	730.79	0.20	ppb
Sulfur	34-1	6119.34	5975.20	5802.57	5965.71	2.66	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	1.20	1.14	1.25	1.20	4.44	ppb
Thallium	205-1	1.17	1.13	1.18	1.16	1.96	ppb
Tin	118-1	1.06	1.04	1.09	1.06	2.43	ppb
Titanium	47-1	39.82	31.45	31.86	34.38	13.73	ppb
Uranium	238-1	10.83	10.90	10.80	10.84	0.50	ppb
Vanadium	51-2	164.89	164.41	166.52	165.27	0.67	ppb
Yttrium	89-1				149		%
Yttrium	89-2				133		%
Zinc	66-2	400.41	398.55	404.60	401.19	0.77	ppb
Zirconium	90-1	30.89	30.75	30.68	30.78	0.35	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4104-01	Instrumnet Name :	P7
Client Sample ID :	LA119SW005-S-180719	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:38:52	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	31.47	31.40	31.46	31.44	0.12	ppb

LB Number : LB96824 Operator : Jaswal
 Lab Sample ID : J4104-02 Instrumnet Name : P7
 Client Sample ID : KY030LC026-S-180719 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 19:42:30 DataFile Name : 076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44255.97	44927.69	44614.05	44599.24	0.75	ppb
Antimony	121-1	0.12	0.12	0.11	0.12	5.92	ppb
Arsenic	75-2	23.35	23.69	23.32	23.45	0.86	ppb
Barium	135-1	424.87	421.97	431.69	426.18	1.17	ppb
Barium	137-1	424.86	423.21	428.58	425.55	0.65	ppb
Beryllium	9-1	3.66	3.95	3.88	3.83	3.87	ppb
Bismuth	209-1				88		%
Bismuth	209-2				77		%
Boron	10-1	49.93	51.04	53.79	51.59	3.85	ppb
Boron	11-1	52.19	50.77	52.82	51.93	2.03	ppb
Cadmium	111-1	2.28	2.32	2.37	2.32	1.90	ppb
Cadmium	106-1	20.01	18.84	19.45	19.43	3.02	ppb
Cadmium	108-1	7.21	6.57	6.96	6.91	4.66	ppb
Calcium	43-1	1961850.66	1966544.15	1985722.29	1971372.37	0.64	ppb
Calcium	44-1	1961430.73	1978081.65	1999883.85	1979798.74	0.97	ppb
Chromium	52-2	119.92	121.72	120.20	120.61	0.81	ppb
Cobalt	59-2	36.70	36.81	36.47	36.66	0.48	ppb
Copper	63-2	61.18	62.08	61.03	61.43	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				91		%
Indium	115-2				80		%
Iron	56-2	87890.77	88546.29	87307.84	87914.97	0.70	ppb
Iron	57-2	92923.37	93144.29	93011.77	93026.48	0.12	ppb
Lead	206-1	110.53	111.42	112.08	111.34	0.70	ppb
Lead	207-1	99.78	99.93	100.43	100.05	0.34	ppb
Lead	208-1	103.92	104.81	105.43	104.72	0.72	ppb
Lithium	6-1				82		%
Magnesium	24-2	22066.93	22105.34	22078.28	22083.52	0.09	ppb
Manganese	55-2	2942.70	2973.27	2942.66	2952.88	0.60	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4104-02	Instrumnet Name :	P7
Client Sample ID :	KY030LC026-S-180719	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:42:30	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	48.86	48.46	48.63	48.65	0.41	ppb
Molybdenum	95-1	0.77	0.78	0.80	0.78	2.20	ppb
Molybdenum	96-1	7.05	6.91	6.99	6.99	0.98	ppb
Molybdenum	97-1	0.72	0.71	0.85	0.76	10.41	ppb
Molybdenum	98-1	0.76	0.77	0.80	0.78	2.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	67.90	69.13	68.22	68.42	0.93	ppb
Phosphorus	31-2	20481.28	20673.60	20325.17	20493.35	0.85	ppb
Potassium	39-2	12402.78	12545.19	12407.49	12451.82	0.65	ppb
Rhodium	103-1				84		%
Rhodium	103-2				80		%
Scandium	45-1				97		%
Scandium	45-2				85		%
Selenium	77-2	73.91	72.19	68.06	71.39	4.21	ppb
Selenium	78-2	14.22	15.74	14.44	14.80	5.57	ppb
Selenium	82-1	4.34	4.10	4.00	4.15	4.18	ppb
Silicon	28-1	733.86	712.05	737.82	727.91	1.91	ppb
Silver	109-1	0.60	0.59	0.56	0.58	2.85	ppb
Silver	107-1	0.65	0.65	0.69	0.66	3.59	ppb
Sodium	23-2	3288.12	3333.24	3318.72	3313.36	0.70	ppb
Strontium	86-1	1005.80	1009.78	1014.35	1009.98	0.42	ppb
Strontium	88-1	994.39	997.27	1005.62	999.09	0.58	ppb
Sulfur	34-1	7017.45	7005.20	7084.92	7035.86	0.61	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	0.87	0.83	0.83	0.84	2.87	ppb
Thallium	205-1	0.83	0.82	0.85	0.83	2.08	ppb
Tin	118-1	0.91	0.90	0.91	0.91	0.91	ppb
Titanium	47-1	36.21	35.76	36.54	36.17	1.07	ppb
Uranium	238-1	13.46	13.47	13.58	13.50	0.47	ppb
Vanadium	51-2	140.44	141.96	140.15	140.85	0.69	ppb
Yttrium	89-1				158		%
Yttrium	89-2				140		%
Zinc	66-2	391.80	395.80	391.05	392.88	0.65	ppb
Zirconium	90-1	31.60	31.67	31.38	31.55	0.49	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4104-02	Instrumnet Name :	P7
Client Sample ID :	KY030LC026-S-180719	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:42:30	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	31.95	32.41	31.91	32.09	0.87	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4104-03	Instrumnet Name :	P7
Client Sample ID :	DUP-0493-180719	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:46:09	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37334.25	37316.43	37131.33	37260.67	0.30	ppb
Antimony	121-1	0.13	0.13	0.12	0.13	5.97	ppb
Arsenic	75-2	39.21	39.38	38.98	39.19	0.51	ppb
Barium	135-1	327.30	322.74	323.72	324.59	0.74	ppb
Barium	137-1	323.40	321.23	322.86	322.50	0.35	ppb
Beryllium	9-1	3.73	3.56	3.67	3.65	2.34	ppb
Bismuth	209-1				83		%
Bismuth	209-2				71		%
Boron	10-1	58.26	58.32	57.62	58.07	0.67	ppb
Boron	11-1	58.69	58.97	59.89	59.18	1.06	ppb
Cadmium	111-1	2.61	2.43	2.61	2.55	4.08	ppb
Cadmium	106-1	21.98	18.30	22.30	20.86	10.65	ppb
Cadmium	108-1	7.56	8.19	8.32	8.02	5.06	ppb
Calcium	43-1	2790620.18	2801258.87	2762611.90	2784830.31	0.72	ppb
Calcium	44-1	2793418.70	2788065.15	2767939.62	2783141.16	0.48	ppb
Chromium	52-2	142.96	142.30	142.76	142.67	0.24	ppb
Cobalt	59-2	37.62	37.15	37.18	37.32	0.71	ppb
Copper	63-2	74.23	73.20	74.15	73.86	0.78	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				96		%
Indium	115-1				87		%
Indium	115-2				79		%
Iron	56-2	104570.89	104214.41	103846.65	104210.65	0.35	ppb
Iron	57-2	112056.36	111179.33	110831.90	111355.86	0.57	ppb
Lead	206-1	99.97	99.30	96.82	98.70	1.68	ppb
Lead	207-1	88.73	88.78	88.07	88.53	0.45	ppb
Lead	208-1	93.67	92.97	91.72	92.78	1.07	ppb
Lithium	6-1				78		%
Magnesium	24-2	22859.79	22822.14	22765.15	22815.69	0.21	ppb
Manganese	55-2	2774.68	2763.59	2748.07	2762.12	0.48	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4104-03	Instrumnet Name :	P7
Client Sample ID :	DUP-0493-180719	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:46:09	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	53.29	53.36	53.21	53.28	0.14	ppb
Molybdenum	95-1	1.17	1.13	1.09	1.13	3.86	ppb
Molybdenum	96-1	7.95	7.92	7.94	7.94	0.20	ppb
Molybdenum	97-1	1.18	1.21	1.19	1.19	1.04	ppb
Molybdenum	98-1	1.15	1.15	1.15	1.15	0.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	65.69	65.97	66.02	65.89	0.27	ppb
Phosphorus	31-2	24036.71	23812.75	23932.36	23927.27	0.47	ppb
Potassium	39-2	10611.64	10593.41	10610.21	10605.08	0.10	ppb
Rhodium	103-1				79		%
Rhodium	103-2				71		%
Scandium	45-1				93		%
Scandium	45-2				85		%
Selenium	77-2	67.25	68.87	66.06	67.39	2.09	ppb
Selenium	78-2	13.50	14.68	14.32	14.17	4.26	ppb
Selenium	82-1	4.81	4.89	4.70	4.80	2.05	ppb
Silicon	28-1	829.59	915.41	798.45	847.81	7.14	ppb
Silver	109-1	0.35	0.35	0.35	0.35	0.44	ppb
Silver	107-1	0.42	0.40	0.40	0.41	3.39	ppb
Sodium	23-2	1967.70	1949.25	1926.18	1947.71	1.07	ppb
Strontium	86-1	1157.76	1152.35	1157.74	1155.95	0.27	ppb
Strontium	88-1	1150.62	1150.42	1148.27	1149.77	0.11	ppb
Sulfur	34-1	8130.32	7897.04	7789.02	7938.80	2.20	ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	0.94	0.94	0.92	0.93	1.49	ppb
Thallium	205-1	0.97	0.96	0.90	0.94	3.95	ppb
Tin	118-1	0.99	1.06	1.05	1.03	3.68	ppb
Titanium	47-1	58.48	54.70	59.05	57.41	4.12	ppb
Uranium	238-1	19.28	19.10	18.97	19.12	0.80	ppb
Vanadium	51-2	220.56	219.51	219.95	220.01	0.24	ppb
Yttrium	89-1				156		%
Yttrium	89-2				140		%
Zinc	66-2	254.81	250.84	251.80	252.48	0.82	ppb
Zirconium	90-1	34.71	34.21	33.92	34.28	1.16	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4104-03	Instrumnet Name :	P7
Client Sample ID :	DUP-0493-180719	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:46:09	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	35.50	34.81	34.53	34.95	1.42	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4113-01	Instrumnet Name :	P7
Client Sample ID :	KY030LC058-S-180720	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:49:47	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	85495.76	85503.35	84551.91	85183.67	0.64	ppb
Antimony	121-1	0.12	0.11	0.14	0.12	9.31	ppb
Arsenic	75-2	33.31	33.54	33.21	33.35	0.51	ppb
Barium	135-1	687.02	674.21	676.52	679.25	1.01	ppb
Barium	137-1	685.70	669.88	670.11	675.23	1.34	ppb
Beryllium	9-1	6.88	7.13	7.04	7.02	1.84	ppb
Bismuth	209-1				88		%
Bismuth	209-2				85		%
Boron	10-1	110.67	114.74	115.24	113.55	2.21	ppb
Boron	11-1	110.95	115.39	115.90	114.08	2.38	ppb
Cadmium	111-1	2.54	2.28	2.33	2.38	5.81	ppb
Cadmium	106-1	35.60	32.32	32.25	33.39	5.72	ppb
Cadmium	108-1	10.63	11.31	10.78	10.91	3.29	ppb
Calcium	43-1	1303697.97	1295794.72	1301062.93	1300185.20	0.31	ppb
Calcium	44-1	1303495.37	1301948.33	1308106.74	1304516.81	0.25	ppb
Chromium	52-2	259.68	261.18	259.02	259.96	0.43	ppb
Cobalt	59-2	44.67	44.87	44.46	44.66	0.46	ppb
Copper	63-2	64.72	64.48	63.24	64.15	1.23	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				100		%
Holmium	165-2				101		%
Indium	115-1				89		%
Indium	115-2				81		%
Iron	56-2	174145.84	174156.87	172142.86	173481.86	0.67	ppb
Iron	57-2	178400.54	178046.74	174782.53	177076.60	1.13	ppb
Lead	206-1	150.60	150.35	148.28	149.74	0.85	ppb
Lead	207-1	134.82	134.93	133.91	134.55	0.42	ppb
Lead	208-1	141.40	140.83	140.14	140.79	0.45	ppb
Lithium	6-1				82		%
Magnesium	24-2	32571.77	32595.77	32197.74	32455.10	0.69	ppb
Manganese	55-2	3118.59	3110.87	3083.86	3104.44	0.59	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4113-01	Instrumnet Name :	P7
Client Sample ID :	KY030LC058-S-180720	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:49:47	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	68.61	68.62	68.61	68.62	0.01	ppb
Molybdenum	95-1	0.64	0.62	0.60	0.62	3.41	ppb
Molybdenum	96-1	9.41	9.47	9.68	9.52	1.50	ppb
Molybdenum	97-1	0.68	0.65	0.61	0.64	5.26	ppb
Molybdenum	98-1	0.62	0.59	0.61	0.61	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	98.73	99.04	97.71	98.49	0.71	ppb
Phosphorus	31-2	31588.73	31980.64	31429.61	31666.32	0.90	ppb
Potassium	39-2	29756.32	30034.10	29676.28	29822.23	0.63	ppb
Rhodium	103-1				82		%
Rhodium	103-2				85		%
Scandium	45-1				98		%
Scandium	45-2				87		%
Selenium	77-2	101.69	98.59	100.69	100.32	1.58	ppb
Selenium	78-2	18.75	18.64	18.64	18.67	0.33	ppb
Selenium	82-1	4.59	4.23	4.07	4.30	6.19	ppb
Silicon	28-1	1262.54	1435.64	1168.26	1288.81	10.52	ppb
Silver	109-1	0.47	0.45	0.44	0.45	3.50	ppb
Silver	107-1	0.55	0.51	0.52	0.53	4.02	ppb
Sodium	23-2	2640.50	2623.19	2595.66	2619.78	0.86	ppb
Strontium	86-1	653.94	650.09	655.80	653.28	0.45	ppb
Strontium	88-1	650.83	643.17	647.25	647.08	0.59	ppb
Sulfur	34-1	3073.07	2887.16	2820.27	2926.83	4.48	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	1.09	1.10	1.08	1.09	0.76	ppb
Thallium	205-1	1.15	1.10	1.09	1.11	2.54	ppb
Tin	118-1	0.97	0.91	1.00	0.96	4.53	ppb
Titanium	47-1	67.01	60.05	63.63	63.56	5.48	ppb
Uranium	238-1	18.51	18.16	18.03	18.23	1.36	ppb
Vanadium	51-2	216.46	218.03	215.97	216.82	0.50	ppb
Yttrium	89-1				197		%
Yttrium	89-2				177		%
Zinc	66-2	411.41	413.37	407.18	410.66	0.77	ppb
Zirconium	90-1	44.30	44.40	44.21	44.31	0.22	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4113-01	Instrumnet Name :	P7
Client Sample ID :	KY030LC058-S-180720	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:49:47	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	45.20	44.90	45.41	45.17	0.57	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4113-02	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-S-180720	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:53:27	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48060.18	48101.53	48093.38	48085.03	0.05	ppb
Antimony	121-1	0.07	0.07	0.07	0.07	2.40	ppb
Arsenic	75-2	24.22	24.20	24.25	24.22	0.12	ppb
Barium	135-1	345.35	342.83	342.77	343.65	0.43	ppb
Barium	137-1	343.70	340.98	340.75	341.81	0.48	ppb
Beryllium	9-1	4.76	4.70	4.67	4.71	1.05	ppb
Bismuth	209-1				84		%
Bismuth	209-2				72		%
Boron	10-1	23.17	22.45	21.40	22.34	3.98	ppb
Boron	11-1	23.29	23.14	23.17	23.20	0.33	ppb
Cadmium	111-1	2.30	2.21	2.23	2.25	2.10	ppb
Cadmium	106-1	20.62	19.52	18.56	19.57	5.27	ppb
Cadmium	108-1	9.06	9.35	9.28	9.23	1.63	ppb
Calcium	43-1	2318690.93	2267859.27	2324763.41	2303771.20	1.36	ppb
Calcium	44-1	2319728.04	2276421.83	2322710.58	2306286.81	1.12	ppb
Chromium	52-2	85.72	84.59	85.76	85.36	0.77	ppb
Cobalt	59-2	20.78	20.80	20.79	20.79	0.05	ppb
Copper	63-2	50.94	50.50	51.23	50.89	0.72	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				96		%
Indium	115-1				89		%
Indium	115-2				80		%
Iron	56-2	65490.94	65288.92	64429.85	65069.90	0.87	ppb
Iron	57-2	71179.84	71383.52	70660.29	71074.55	0.52	ppb
Lead	206-1	72.68	71.59	72.18	72.15	0.76	ppb
Lead	207-1	64.43	63.43	63.07	63.64	1.11	ppb
Lead	208-1	67.50	66.62	66.45	66.86	0.84	ppb
Lithium	6-1				80		%
Magnesium	24-2	22202.03	22312.78	22092.04	22202.28	0.50	ppb
Manganese	55-2	1964.91	2229.70	1939.72	2044.78	7.86	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4113-02	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-S-180720	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:53:27	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	85.94	83.69	84.73	84.79	1.33	ppb
Molybdenum	95-1	0.56	0.52	0.58	0.55	5.67	ppb
Molybdenum	96-1	11.05	10.88	11.06	11.00	0.93	ppb
Molybdenum	97-1	0.61	0.53	0.53	0.55	8.14	ppb
Molybdenum	98-1	0.55	0.52	0.57	0.55	4.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	58.95	58.82	59.22	59.00	0.34	ppb
Phosphorus	31-2	4923.60	5098.61	5078.20	5033.47	1.90	ppb
Potassium	39-2	10755.08	10820.28	10796.77	10790.71	0.31	ppb
Rhodium	103-1				82		%
Rhodium	103-2				72		%
Scandium	45-1				96		%
Scandium	45-2				87		%
Selenium	77-2	46.36	47.22	42.21	45.26	5.91	ppb
Selenium	78-2	10.21	8.51	10.24	9.65	10.24	ppb
Selenium	82-1	4.20	3.76	4.78	4.24	11.99	ppb
Silicon	28-1	1391.53	1369.37	1406.11	1389.00	1.33	ppb
Silver	109-1	0.22	0.25	0.22	0.23	7.20	ppb
Silver	107-1	0.28	0.30	0.31	0.30	4.88	ppb
Sodium	23-2	1504.37	1497.44	1497.06	1499.62	0.27	ppb
Strontium	86-1	1533.64	1505.41	1516.43	1518.49	0.94	ppb
Strontium	88-1	1511.24	1488.80	1499.44	1499.83	0.75	ppb
Sulfur	34-1	2100.30	1933.14	1904.49	1979.31	5.34	ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	0.84	0.79	0.77	0.80	4.83	ppb
Thallium	205-1	0.78	0.80	0.78	0.79	1.30	ppb
Tin	118-1	0.29	0.28	0.26	0.28	5.47	ppb
Titanium	47-1	23.70	23.02	21.21	22.64	5.70	ppb
Uranium	238-1	10.35	10.20	10.29	10.28	0.70	ppb
Vanadium	51-2	175.20	175.18	174.61	175.00	0.19	ppb
Yttrium	89-1				125		%
Yttrium	89-2				113		%
Zinc	66-2	151.23	147.77	149.80	149.60	1.16	ppb
Zirconium	90-1	55.23	54.75	54.87	54.95	0.46	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4113-02	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-S-180720	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:53:27	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	56.42	55.89	55.75	56.02	0.63	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:57:05	DataFile Name :	080CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55793.96	56820.58	56317.71	56310.75	0.91	ppb
Antimony	121-1	542.73	537.32	534.52	538.19	0.77	ppb
Arsenic	75-2	493.67	494.88	506.78	498.44	1.45	ppb
Barium	135-1	2511.14	2473.20	2473.38	2485.91	0.88	ppb
Barium	137-1	2494.33	2460.68	2476.86	2477.29	0.68	ppb
Beryllium	9-1	439.32	481.13	438.88	453.11	5.36	ppb
Bismuth	209-1				93		%
Bismuth	209-2				90		%
Boron	10-1	427.29	464.66	442.16	444.70	4.23	ppb
Boron	11-1	424.80	471.17	436.63	444.20	5.42	ppb
Cadmium	111-1	475.82	469.50	472.37	472.56	0.67	ppb
Cadmium	106-1	465.56	473.64	463.44	467.54	1.15	ppb
Cadmium	108-1	466.35	468.12	466.69	467.05	0.20	ppb
Calcium	43-1	241892.64	241702.63	244561.91	242719.06	0.66	ppb
Calcium	44-1	240406.28	241195.07	243914.79	241838.71	0.76	ppb
Chromium	52-2	516.34	525.31	521.62	521.09	0.87	ppb
Cobalt	59-2	500.61	511.49	504.40	505.50	1.09	ppb
Copper	63-2	964.84	980.02	962.22	969.02	0.99	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				103		%
Holmium	165-2				103		%
Indium	115-1				95		%
Indium	115-2				84		%
Iron	56-2	140972.68	144789.41	142914.89	142892.33	1.34	ppb
Iron	57-2	141976.82	145602.21	143766.46	143781.83	1.26	ppb
Lead	206-1	454.90	453.01	458.31	455.40	0.59	ppb
Lead	207-1	447.73	444.78	452.62	448.38	0.88	ppb
Lead	208-1	484.91	480.90	486.41	484.07	0.59	ppb
Lithium	6-1				97		%
Magnesium	24-2	276201.99	278244.54	278033.76	277493.43	0.40	ppb
Manganese	55-2	995.53	1017.63	1008.22	1007.13	1.10	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:57:05	DataFile Name :	080CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2508.02	2488.83	2509.97	2502.27	0.47	ppb
Molybdenum	95-1	2499.13	2497.18	2500.60	2498.97	0.07	ppb
Molybdenum	96-1	2497.17	2497.56	2513.65	2502.79	0.38	ppb
Molybdenum	97-1	2501.93	2488.24	2514.77	2501.65	0.53	ppb
Molybdenum	98-1	2514.85	2516.11	2511.67	2514.21	0.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.43	515.05	508.86	509.11	1.14	ppb
Phosphorus	31-2	9830.28	10010.93	9769.51	9870.24	1.27	ppb
Potassium	39-2	134394.76	136325.57	135898.76	135539.70	0.75	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				99		%
Scandium	45-2				85		%
Selenium	77-2	513.67	496.05	518.78	509.50	2.34	ppb
Selenium	78-2	514.62	515.23	513.69	514.51	0.15	ppb
Selenium	82-1	455.54	452.85	453.21	453.87	0.32	ppb
Silicon	28-1	461.49	468.57	477.21	469.09	1.68	ppb
Silver	109-1	529.43	522.46	520.03	523.97	0.93	ppb
Silver	107-1	526.88	519.33	522.76	522.99	0.72	ppb
Sodium	23-2	276353.33	282114.10	279732.45	279399.96	1.04	ppb
Strontium	86-1	451.18	448.55	449.95	449.89	0.29	ppb
Strontium	88-1	503.84	500.37	504.13	502.78	0.42	ppb
Sulfur	34-1	8081.77	8177.09	8061.78	8106.88	0.76	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	516.28	515.49	517.04	516.27	0.15	ppb
Thallium	205-1	517.58	514.67	521.62	517.96	0.67	ppb
Tin	118-1	496.76	489.14	491.34	492.41	0.80	ppb
Titanium	47-1	2496.90	2507.64	2515.20	2506.58	0.37	ppb
Uranium	238-1	516.94	506.32	510.93	511.40	1.04	ppb
Vanadium	51-2	510.42	518.52	514.74	514.56	0.79	ppb
Yttrium	89-1				99		%
Yttrium	89-2				87		%
Zinc	66-2	961.33	983.03	972.96	972.44	1.12	ppb
Zirconium	90-1	504.17	501.08	505.83	503.69	0.48	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:57:05	DataFile Name :	080CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	452.33	452.11	454.20	452.88	0.25	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 20:03:07	DataFile Name :	081CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.33	1.46	0.94	1.24	22.00	ppb
Antimony	121-1	0.20	0.21	0.18	0.20	7.50	ppb
Arsenic	75-2	0.01	0.00	0.01	0.01	35.84	ppb
Barium	135-1	0.01	0.02	0.03	0.02	47.64	ppb
Barium	137-1	0.03	0.01	0.04	0.03	50.89	ppb
Beryllium	9-1	0.03	0.02	0.04	0.03	22.40	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	7.00	7.30	6.61	6.97	4.97	ppb
Boron	11-1	7.60	7.34	6.92	7.29	4.66	ppb
Cadmium	111-1	-0.12	-0.09	-0.05	-0.09		ppb
Cadmium	106-1	-3.17	-2.19	-1.52	-2.30		ppb
Cadmium	108-1	-0.02	0.00	-0.07	-0.03		ppb
Calcium	43-1	26.70	16.19	20.82	21.24	24.80	ppb
Calcium	44-1	16.30	14.31	15.11	15.24	6.58	ppb
Chromium	52-2	0.20	0.18	0.19	0.19	6.63	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	79.75	ppb
Copper	63-2	0.07	0.09	0.09	0.08	17.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				90		%
Iron	56-2	3.48	3.42	3.21	3.37	4.30	ppb
Iron	57-2	3.32	4.67	2.36	3.45	33.59	ppb
Lead	206-1	0.03	0.02	0.03	0.02	8.32	ppb
Lead	207-1	0.02	0.02	0.03	0.02	5.11	ppb
Lead	208-1	0.02	0.02	0.02	0.02	12.92	ppb
Lithium	6-1				103		%
Magnesium	24-2	3.41	3.61	3.29	3.43	4.74	ppb
Manganese	55-2	0.07	0.04	0.04	0.05	30.70	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 20:03:07	DataFile Name :	081CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.14	0.11	0.09	0.11	21.79	ppb
Molybdenum	95-1	0.14	0.13	0.10	0.12	17.95	ppb
Molybdenum	96-1	0.14	0.12	0.12	0.13	9.47	ppb
Molybdenum	97-1	0.12	0.17	0.09	0.13	34.03	ppb
Molybdenum	98-1	0.14	0.11	0.08	0.11	23.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.02	0.05	0.05	68.08	ppb
Phosphorus	31-2	-53.98	-52.98	-54.15	-53.70		ppb
Potassium	39-2	10.20	-0.55	3.30	4.32	126.12	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				85		%
Selenium	77-2	0.69	0.00	0.00	0.23	173.21	ppb
Selenium	78-2	0.21	1.06	0.14	0.47	107.66	ppb
Selenium	82-1	0.08	-0.05	0.57	0.20	164.27	ppb
Silicon	28-1	-34.18	-34.25	-34.48	-34.30		ppb
Silver	109-1	0.03	0.02	0.02	0.03	19.27	ppb
Silver	107-1	0.02	0.02	0.02	0.02	4.35	ppb
Sodium	23-2	12.63	13.17	13.81	13.20	4.50	ppb
Strontium	86-1	-0.04	-0.05	-0.02	-0.04		ppb
Strontium	88-1	0.02	0.02	0.02	0.02	3.40	ppb
Sulfur	34-1	-1128.74	-1069.38	-1018.25	-1072.12		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.04	0.05	0.03	0.04	22.54	ppb
Thallium	205-1	0.03	0.04	0.04	0.04	10.14	ppb
Tin	118-1	-0.01	0.02	-0.01	0.00	1246.05	ppb
Titanium	47-1	0.09	0.07	0.05	0.07	25.46	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	98.10	ppb
Vanadium	51-2	0.02	0.02	0.01	0.01	32.24	ppb
Yttrium	89-1				99		%
Yttrium	89-2				89		%
Zinc	66-2	0.01	0.01	0.03	0.02	78.36	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	12.35	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 20:03:07	DataFile Name :	081CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.03	0.03	0.03	19.18	ppb

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:27:48	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	75	67	67	12.49	cps
Antimony	121-1	83	50	67	67	25.00	cps
Arsenic	75-2	9	13	9	10	20.36	cps
Barium	135-1	58	17	67	47	56.72	cps
Barium	137-1	67	100	117	94	26.96	cps
Beryllium	9-1	50	56	44	50	11.11	cps
Bismuth	209-1	10006728	9917804	9930621	9951718	0.48	cps
Bismuth	209-2	6402083	6456183	6409130	6422465	0.46	cps
Boron	10-1	458	300	458	406	22.54	cps
Boron	11-1	1825	1700	1600	1709	6.60	cps
Cadmium	111-1	2300	2312	2172	2261	3.44	cps
Cadmium	106-1	5751	5785	5418	5651	3.59	cps
Cadmium	108-1	13	21	29	21	40.01	cps
Calcium	43-1	542	442	375	453	18.53	cps
Calcium	44-1	12131	11864	11747	11914	1.65	cps
Chromium	52-2	677	640	550	622	10.48	cps
Cobalt	59-2	73	93	70	79	16.00	cps
Copper	63-2	1667	1713	1720	1700	1.71	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	42	33	100	58	62.27	cps
Erbium	164-2	27	13	27	22	34.66	cps
Gadolinium	160-1	117	92	150	119	24.50	cps
Gadolinium	160-2	313	233	273	273	14.63	cps
Holmium	165-1	15366453	15437238	15464332	15422674	0.33	cps
Holmium	165-2	8272661	8261018	8302502	8278727	0.26	cps
Indium	115-1	12740815	12649462	12688674	12692984	0.36	cps
Indium	115-2	2704352	2718299	2710496	2711049	0.26	cps
Iron	56-2	5785	5701	5701	5729	0.84	cps
Iron	57-2	400	450	406	419	6.55	cps
Lead	206-1	639	506	600	582	11.79	cps
Lead	207-1	528	522	472	507	6.03	cps
Lead	208-1	2356	2322	2339	2339	0.71	cps
Lithium	6-1	3055832	3064431	3069867	3063377	0.23	cps
Magnesium	24-2	75	92	67	78	16.37	cps
Manganese	55-2	53	57	67	59	11.79	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:27:48	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	425	533	308	422	26.65	cps
Molybdenum	95-1	17	58	83	53	63.81	cps
Molybdenum	96-1	125	100	208	144	39.27	cps
Molybdenum	97-1	133	75	42	83	55.68	cps
Molybdenum	98-1	175	42	150	122	57.99	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	223	250	217	230	7.67	cps
Phosphorus	31-2	658	792	717	722	9.25	cps
Potassium	39-2	39913	39638	37958	39170	2.70	cps
Rhodium	103-1	11780242	11761192	11895364	11812266	0.61	cps
Rhodium	103-2	5717462	5745761	5721735	5728319	0.27	cps
Scandium	45-1	7386501	7396041	7382089	7388210	0.10	cps
Scandium	45-2	359905	361835	360881	360874	0.27	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	74	100	120	98	23.64	cps
Selenium	82-1	-29	63	13	16	293.21	cps
Silicon	28-1	686552	684400	682687	684546	0.28	cps
Silver	109-1	108	67	117	97	27.55	cps
Silver	107-1	158	133	108	133	18.75	cps
Sodium	23-2	10796	10979	10471	10749	2.40	cps
Strontium	86-1	900	900	842	881	3.82	cps
Strontium	88-1	92	83	108	94	13.48	cps
Sulfur	34-1	519865	521678	521378	520974	0.19	cps
Terbium	159-1	16031414	15923016	15989051	15981160	0.34	cps
Terbium	159-2	8294580	8259321	8257049	8270317	0.25	cps
Thallium	203-1	58	83	67	69	18.33	cps
Thallium	205-1	167	250	108	175	40.68	cps
Tin	118-1	2075	2109	2034	2073	1.81	cps
Titanium	47-1	67	58	100	75	29.39	cps
Uranium	238-1	267	333	150	250	37.12	cps
Vanadium	51-2	13	3	10	9	57.30	cps
Yttrium	89-1	12674273	12613389	12719331	12668998	0.42	cps
Yttrium	89-2	1971353	1985898	1966837	1974696	0.50	cps
Zinc	66-2	363	317	320	333	7.81	cps
Zirconium	90-1	1092	1292	1008	1131	12.88	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:27:48	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	258	217	267	247	10.84	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:36:03	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2609	2567	2409	2528	4.17	cps
Antimony	121-1	23637	23003	24063	23568	2.26	cps
Arsenic	75-2	430	502	494	475	8.36	cps
Barium	135-1	28764	29415	29365	29182	1.24	cps
Barium	137-1	50233	50576	49874	50228	0.70	cps
Beryllium	9-1	2700	2472	2345	2506	7.19	cps
Bismuth	209-1	10247706	10198383	10088466	10178185	0.80	cps
Bismuth	209-2	6516718	6566308	6574164	6552397	0.48	cps
Boron	10-1	7252	6818	7511	7194	4.86	cps
Boron	11-1	33204	34549	35551	34435	3.42	cps
Cadmium	111-1	5572	5453	5627	5551	1.60	cps
Cadmium	106-1	6210	6260	6802	6424	5.11	cps
Cadmium	108-1	250	288	254	264	7.79	cps
Calcium	43-1	17503	17127	17553	17394	1.34	cps
Calcium	44-1	286694	287002	283292	285663	0.72	cps
Chromium	52-2	8543	8663	8649	8618	0.76	cps
Cobalt	59-2	6215	6268	6191	6225	0.63	cps
Copper	63-2	10721	10494	10421	10545	1.48	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	3	13	7	8	65.47	cps
Erbium	164-1	33	83	58	58	42.86	cps
Erbium	164-2	40	33	27	33	20.00	cps
Gadolinium	160-1	150	192	125	156	21.65	cps
Gadolinium	160-2	297	343	267	302	12.78	cps
Holmium	165-1	15759371	15673842	15620451	15684555	0.45	cps
Holmium	165-2	8455779	8415144	8417126	8429349	0.27	cps
Indium	115-1	13046218	12972370	12913258	12977282	0.51	cps
Indium	115-2	2769488	2782749	2783866	2778701	0.29	cps
Iron	56-2	167140	168842	168111	168031	0.51	cps
Iron	57-2	4490	4473	4267	4410	2.81	cps
Lead	206-1	10610	10204	10627	10480	2.28	cps
Lead	207-1	9203	9298	9337	9279	0.74	cps
Lead	208-1	42066	41877	42249	42064	0.44	cps
Lithium	6-1	3218470	3199575	3192498	3203514	0.42	cps
Magnesium	24-2	137005	139074	139098	138392	0.87	cps
Manganese	55-2	2340	2307	2167	2271	4.05	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:36:03	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	23695	25549	24438	24561	3.80	cps
Molybdenum	95-1	30149	28555	28855	29186	2.90	cps
Molybdenum	96-1	33223	33323	32546	33031	1.28	cps
Molybdenum	97-1	18696	18630	18521	18616	0.48	cps
Molybdenum	98-1	46519	47112	45866	46499	1.34	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1783	1740	1930	1818	5.48	cps
Phosphorus	31-2	608	733	717	686	9.89	cps
Potassium	39-2	180890	178696	178892	179493	0.68	cps
Rhodium	103-1	11974061	11887770	11899991	11920608	0.39	cps
Rhodium	103-2	5797369	5806677	5835243	5813096	0.34	cps
Scandium	45-1	7625605	7586593	7491356	7567851	0.91	cps
Scandium	45-2	369738	371334	371378	370817	0.25	cps
Selenium	77-2	50	53	57	53	6.25	cps
Selenium	78-2	289	302	280	290	3.85	cps
Selenium	82-1	1056	1253	1049	1119	10.35	cps
Silicon	28-1	777636	775245	776937	776606	0.16	cps
Silver	109-1	14333	14900	15092	14775	2.67	cps
Silver	107-1	15234	15935	15492	15554	2.28	cps
Sodium	23-2	268630	273102	271989	271240	0.86	cps
Strontium	86-1	4576	4801	4543	4640	3.03	cps
Strontium	88-1	34041	33791	31787	33206	3.72	cps
Sulfur	34-1	527923	525905	525906	526578	0.22	cps
Terbium	159-1	16449728	16438960	16300114	16396267	0.51	cps
Terbium	159-2	8360373	8326766	8372709	8353283	0.28	cps
Thallium	203-1	12023	11948	11497	11822	2.40	cps
Thallium	205-1	27304	28022	28765	28030	2.61	cps
Tin	118-1	51043	50826	50901	50923	0.22	cps
Titanium	47-1	8144	8194	8203	8180	0.39	cps
Uranium	238-1	36995	38316	38701	38004	2.35	cps
Vanadium	51-2	14851	14884	14347	14694	2.05	cps
Yttrium	89-1	12994756	12904953	12850129	12916613	0.57	cps
Yttrium	89-2	2013927	2016428	2043423	2024593	0.81	cps
Zinc	66-2	1927	1787	1847	1853	3.79	cps
Zirconium	90-1	21993	20323	21375	21230	3.98	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:36:03	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4918	4743	4684	4782	2.54	cps

LB Number : LB96824 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 13:39:56 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	127497	127271	127590	127453	0.13	cps
Antimony	121-1	622290	617503	616702	618832	0.49	cps
Arsenic	75-2	22493	22274	21666	22145	1.94	cps
Barium	135-1	765146	759124	762489	762253	0.40	cps
Barium	137-1	1340202	1328219	1338169	1335530	0.48	cps
Beryllium	9-1	128412	128719	128663	128598	0.13	cps
Bismuth	209-1	10183104	10138291	10095820	10139072	0.43	cps
Bismuth	209-2	6508380	6489149	6534601	6510710	0.35	cps
Boron	10-1	15183	15667	15742	15531	1.95	cps
Boron	11-1	71403	72667	74266	72778	1.97	cps
Cadmium	111-1	167517	167293	167350	167387	0.07	cps
Cadmium	106-1	24263	24230	25006	24500	1.79	cps
Cadmium	108-1	13436	13277	13123	13279	1.18	cps
Calcium	43-1	182681	179360	181914	181318	0.96	cps
Calcium	44-1	2915273	2893155	2913762	2907397	0.43	cps
Chromium	52-2	194794	194865	192866	194175	0.58	cps
Cobalt	59-2	316785	319192	314400	316792	0.76	cps
Copper	63-2	460397	454930	455560	456962	0.65	cps
Dysprosium	156-1	0	8	33	14	124.92	cps
Dysprosium	156-2	13	10	23	16	44.60	cps
Erbium	164-1	25	42	75	47	53.91	cps
Erbium	164-2	10	27	30	22	48.22	cps
Gadolinium	160-1	125	200	158	161	23.32	cps
Gadolinium	160-2	270	283	287	280	3.15	cps
Holmium	165-1	15873870	15816049	15846364	15845428	0.18	cps
Holmium	165-2	8458990	8437009	8508179	8468059	0.43	cps
Indium	115-1	13141237	12999284	12908669	13016397	0.90	cps
Indium	115-2	2753150	2745748	2751636	2750178	0.14	cps
Iron	56-2	8251203	8215623	8193667	8220164	0.35	cps
Iron	57-2	205564	204144	203947	204552	0.43	cps
Lead	206-1	499201	495179	498313	497564	0.42	cps
Lead	207-1	451104	450804	444921	448943	0.78	cps
Lead	208-1	2019677	2018166	2012741	2016861	0.18	cps
Lithium	6-1	3203307	3198051	3165736	3189032	0.64	cps
Magnesium	24-2	1454374	1440264	1447724	1447454	0.49	cps
Manganese	55-2	229719	229898	227595	229071	0.56	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:39:56	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1246943	1252071	1247849	1248954	0.22	cps
Molybdenum	95-1	1531887	1523845	1526900	1527544	0.27	cps
Molybdenum	96-1	1695667	1679609	1664842	1680039	0.92	cps
Molybdenum	97-1	951795	946839	941754	946796	0.53	cps
Molybdenum	98-1	2450764	2436923	2433430	2440372	0.38	cps
Neodymium	150-1	27	53	73	51	45.81	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	86104	86158	85434	85899	0.47	cps
Phosphorus	31-2	8078	7852	7644	7858	2.76	cps
Potassium	39-2	770442	759994	761735	764057	0.73	cps
Rhodium	103-1	11990396	11947869	11816462	11918242	0.76	cps
Rhodium	103-2	5766211	5740014	5780617	5762281	0.36	cps
Scandium	45-1	7605338	7564798	7531249	7567128	0.49	cps
Scandium	45-2	367528	366046	366093	366555	0.23	cps
Selenium	77-2	630	580	640	617	5.21	cps
Selenium	78-2	2080	2128	2171	2126	2.14	cps
Selenium	82-1	11642	11744	11766	11717	0.57	cps
Silicon	28-1	1111694	1114885	1119519	1115366	0.35	cps
Silver	109-1	767562	771994	765362	768306	0.44	cps
Silver	107-1	808874	804987	804592	806151	0.29	cps
Sodium	23-2	2677220	2671687	2663238	2670715	0.26	cps
Strontium	86-1	199804	198664	196931	198466	0.73	cps
Strontium	88-1	1729004	1736099	1725120	1730074	0.32	cps
Sulfur	34-1	586547	589778	586314	587546	0.33	cps
Terbium	159-1	16554138	16443395	16518905	16505479	0.34	cps
Terbium	159-2	8395122	8320585	8398138	8371282	0.52	cps
Thallium	203-1	602723	606857	604405	604662	0.34	cps
Thallium	205-1	1454566	1459852	1451683	1455367	0.28	cps
Tin	118-1	522819	516659	515224	518234	0.78	cps
Titanium	47-1	414148	412540	411859	412849	0.28	cps
Uranium	238-1	1941681	1932510	1962126	1945439	0.78	cps
Vanadium	51-2	157511	155519	157157	156729	0.68	cps
Yttrium	89-1	13053951	13076668	12962852	13031157	0.46	cps
Yttrium	89-2	2013766	2013475	2013828	2013690	0.01	cps
Zinc	66-2	69093	68366	67693	68384	1.02	cps
Zirconium	90-1	1034375	1032871	1044058	1037102	0.59	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:39:56	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	233823	230156	229071	231017	1.08	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:44:05	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	313371	312281	310072	311908	0.54	cps
Antimony	121-1	1531013	1529581	1535319	1531971	0.19	cps
Arsenic	75-2	55238	55675	55295	55402	0.43	cps
Barium	135-1	1893519	1876311	1882498	1884110	0.46	cps
Barium	137-1	3292896	3273473	3287785	3284718	0.31	cps
Beryllium	9-1	313479	311938	313638	313019	0.30	cps
Bismuth	209-1	10090720	9881853	9742074	9904882	1.77	cps
Bismuth	209-2	6520008	6489570	6478831	6496136	0.33	cps
Boron	10-1	37347	37188	38132	37556	1.35	cps
Boron	11-1	170088	172890	176743	173240	1.93	cps
Cadmium	111-1	405685	402930	406594	405070	0.47	cps
Cadmium	106-1	50566	50248	52239	51018	2.10	cps
Cadmium	108-1	30963	31727	31176	31289	1.26	cps
Calcium	43-1	446094	442593	439160	442616	0.78	cps
Calcium	44-1	7150121	7122338	7117682	7130047	0.25	cps
Chromium	52-2	477106	475608	477657	476790	0.22	cps
Cobalt	59-2	776391	781390	779907	779229	0.33	cps
Copper	63-2	1118436	1121788	1123606	1121277	0.23	cps
Dysprosium	156-1	58	50	67	58	14.29	cps
Dysprosium	156-2	17	23	63	34	73.27	cps
Erbium	164-1	58	83	42	61	34.32	cps
Erbium	164-2	27	20	17	21	24.12	cps
Gadolinium	160-1	158	150	67	125	40.55	cps
Gadolinium	160-2	230	283	280	264	11.30	cps
Holmium	165-1	15824860	15442827	15484931	15584206	1.34	cps
Holmium	165-2	8598875	8549911	8533706	8560830	0.40	cps
Indium	115-1	12837134	12480372	12610677	12642728	1.43	cps
Indium	115-2	2756964	2763493	2740508	2753655	0.43	cps
Iron	56-2	20442003	20324608	20450604	20405738	0.34	cps
Iron	57-2	501451	503875	503959	503095	0.28	cps
Lead	206-1	1236602	1227022	1228191	1230605	0.42	cps
Lead	207-1	1115489	1105248	1113700	1111479	0.49	cps
Lead	208-1	4991476	4972974	4987410	4983954	0.20	cps
Lithium	6-1	3123220	3052698	2988526	3054815	2.21	cps
Magnesium	24-2	3559921	3544459	3521053	3541811	0.55	cps
Manganese	55-2	562967	563587	567208	564587	0.41	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:44:05	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3078210	3086277	3051907	3072131	0.59	cps
Molybdenum	95-1	3765694	3768704	3746323	3760240	0.32	cps
Molybdenum	96-1	4145492	4136522	4108261	4130092	0.47	cps
Molybdenum	97-1	2345672	2339711	2336878	2340754	0.19	cps
Molybdenum	98-1	6045436	6013706	5984967	6014703	0.50	cps
Neodymium	150-1	153	160	113	142	17.75	cps
Neodymium	150-2	23	7	10	13	66.12	cps
Nickel	60-2	210381	207914	209368	209221	0.59	cps
Phosphorus	31-2	18512	18270	19163	18648	2.48	cps
Potassium	39-2	1812967	1810588	1807664	1810406	0.15	cps
Rhodium	103-1	11732906	11414111	11376820	11507946	1.70	cps
Rhodium	103-2	5780566	5754836	5669396	5734933	1.01	cps
Scandium	45-1	7532384	7321529	7337131	7397015	1.59	cps
Scandium	45-2	362711	362748	361342	362267	0.22	cps
Selenium	77-2	1603	1497	1457	1519	4.99	cps
Selenium	78-2	5031	5121	5151	5101	1.23	cps
Selenium	82-1	28351	28072	28513	28312	0.79	cps
Silicon	28-1	1738264	1761316	1780055	1759878	1.19	cps
Silver	109-1	1864402	1873226	1879200	1872276	0.40	cps
Silver	107-1	1958227	1962587	1971389	1964068	0.34	cps
Sodium	23-2	6574555	6547766	6511404	6544575	0.48	cps
Strontium	86-1	489333	494144	485716	489731	0.86	cps
Strontium	88-1	4174424	4201329	4198936	4191563	0.36	cps
Sulfur	34-1	652337	652265	658182	654261	0.52	cps
Terbium	159-1	16471933	16002504	16051706	16175381	1.59	cps
Terbium	159-2	8464060	8440953	8414879	8439964	0.29	cps
Thallium	203-1	1507581	1493988	1514396	1505322	0.69	cps
Thallium	205-1	3619887	3631094	3617556	3622846	0.20	cps
Tin	118-1	1270895	1277091	1276664	1274884	0.27	cps
Titanium	47-1	1013721	1012384	1011300	1012468	0.12	cps
Uranium	238-1	4842165	4864801	4820289	4842418	0.46	cps
Vanadium	51-2	382500	387583	386029	385371	0.68	cps
Yttrium	89-1	12886479	12508644	12530116	12641746	1.68	cps
Yttrium	89-2	2000374	2016891	1997115	2004793	0.53	cps
Zinc	66-2	166349	168186	167731	167422	0.57	cps
Zirconium	90-1	2565400	2531026	2539660	2545362	0.70	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:44:05	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	568525	567173	571966	569222	0.43	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:47:52	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	599642	596663	598933	598413	0.26	cps
Antimony	121-1	2971245	2981481	2973328	2975351	0.18	cps
Arsenic	75-2	106240	105636	106573	106150	0.45	cps
Barium	135-1	3671118	3668601	3625502	3655074	0.70	cps
Barium	137-1	6452919	6404198	6354620	6403912	0.77	cps
Beryllium	9-1	597073	600162	597172	598136	0.29	cps
Bismuth	209-1	9854948	10006109	10073317	9978125	1.12	cps
Bismuth	209-2	6298843	6301762	6395224	6331943	0.87	cps
Boron	10-1	69753	71846	74073	71891	3.00	cps
Boron	11-1	336686	336580	347518	340261	1.85	cps
Cadmium	111-1	777884	776802	777506	777397	0.07	cps
Cadmium	106-1	92426	90681	92359	91822	1.08	cps
Cadmium	108-1	60199	60332	60441	60324	0.20	cps
Calcium	43-1	847454	848477	844778	846903	0.23	cps
Calcium	44-1	13816148	13808430	13678856	13767811	0.56	cps
Chromium	52-2	917397	909097	915428	913974	0.47	cps
Cobalt	59-2	1486114	1485059	1507068	1492747	0.83	cps
Copper	63-2	2113079	2134017	2119337	2122144	0.51	cps
Dysprosium	156-1	83	83	33	67	43.31	cps
Dysprosium	156-2	90	50	50	63	36.46	cps
Erbium	164-1	67	42	50	53	24.12	cps
Erbium	164-2	17	30	37	28	36.66	cps
Gadolinium	160-1	133	225	92	150	45.47	cps
Gadolinium	160-2	237	327	257	273	17.29	cps
Holmium	165-1	15479605	15562115	15650845	15564188	0.55	cps
Holmium	165-2	8399914	8371838	8416946	8396233	0.27	cps
Indium	115-1	12420147	12517325	12596978	12511484	0.71	cps
Indium	115-2	2629977	2635535	2675600	2647037	0.94	cps
Iron	56-2	39356999	39289837	39492984	39379940	0.26	cps
Iron	57-2	964305	964726	970319	966450	0.35	cps
Lead	206-1	2409389	2385710	2407283	2400794	0.55	cps
Lead	207-1	2160501	2167697	2170963	2166387	0.25	cps
Lead	208-1	9679941	9740759	9738442	9719714	0.35	cps
Lithium	6-1	2973900	2989412	3048178	3003830	1.30	cps
Magnesium	24-2	6802136	6843675	6901570	6849127	0.73	cps
Manganese	55-2	1086544	1088656	1089937	1088379	0.16	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:47:52	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5978421	6035060	6009957	6007813	0.47	cps
Molybdenum	95-1	7372154	7378935	7320468	7357185	0.43	cps
Molybdenum	96-1	8069078	8138576	8056822	8088159	0.55	cps
Molybdenum	97-1	4550050	4555402	4564206	4556553	0.16	cps
Molybdenum	98-1	11704248	11814007	11722020	11746758	0.50	cps
Neodymium	150-1	273	200	213	229	17.07	cps
Neodymium	150-2	13	40	30	28	48.51	cps
Nickel	60-2	399678	400606	404287	401524	0.61	cps
Phosphorus	31-2	35025	34566	34341	34644	1.01	cps
Potassium	39-2	3397210	3428987	3434349	3420182	0.59	cps
Rhodium	103-1	11243577	11312323	11395971	11317290	0.67	cps
Rhodium	103-2	5516216	5519113	5556439	5530589	0.41	cps
Scandium	45-1	7293191	7308297	7328974	7310154	0.25	cps
Scandium	45-2	345887	348215	351874	348659	0.87	cps
Selenium	77-2	2530	2934	2920	2795	8.20	cps
Selenium	78-2	9136	9329	9386	9284	1.41	cps
Selenium	82-1	53273	53862	54129	53754	0.81	cps
Silicon	28-1	2799362	2824972	2845187	2823174	0.81	cps
Silver	109-1	3593792	3577916	3555459	3575722	0.54	cps
Silver	107-1	3783283	3748753	3735172	3755736	0.66	cps
Sodium	23-2	12512687	12603653	12673943	12596761	0.64	cps
Strontium	86-1	945361	943328	945312	944667	0.12	cps
Strontium	88-1	8217034	8276919	8191000	8228318	0.54	cps
Sulfur	34-1	775792	771677	771209	772893	0.33	cps
Terbium	159-1	16230843	16214576	16335935	16260451	0.41	cps
Terbium	159-2	8216015	8274796	8374688	8288500	0.97	cps
Thallium	203-1	2948703	2943179	2942673	2944852	0.11	cps
Thallium	205-1	7138482	7120657	7116393	7125177	0.16	cps
Tin	118-1	2482851	2470220	2469772	2474281	0.30	cps
Titanium	47-1	1943786	1953986	1950391	1949388	0.27	cps
Uranium	238-1	9639412	9761099	9693669	9698060	0.63	cps
Vanadium	51-2	740957	744662	744290	743303	0.27	cps
Yttrium	89-1	12476004	12499382	12565281	12513556	0.37	cps
Yttrium	89-2	1930074	1933426	1955835	1939778	0.72	cps
Zinc	66-2	317707	315847	321017	318190	0.82	cps
Zirconium	90-1	4955336	4995293	4967092	4972574	0.41	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:47:52	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1095149	1114529	1100689	1103456	0.90	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:51:36	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1149691	1167909	1158493	1158698	0.79	cps
Antimony	121-1	5775893	5813192	5878821	5822636	0.89	cps
Arsenic	75-2	205020	205985	205862	205622	0.26	cps
Barium	135-1	7078214	7141878	7247856	7155983	1.20	cps
Barium	137-1	12344138	12524388	12624368	12497631	1.14	cps
Beryllium	9-1	1116674	1129310	1146706	1130896	1.33	cps
Bismuth	209-1	9525013	9568166	8476067	9189748	6.73	cps
Bismuth	209-2	6012521	6149866	6200672	6121020	1.59	cps
Boron	10-1	138739	138076	143829	140215	2.25	cps
Boron	11-1	638851	659040	670366	656086	2.43	cps
Cadmium	111-1	1472971	1467818	1499026	1479938	1.13	cps
Cadmium	106-1	170278	172749	175894	172974	1.63	cps
Cadmium	108-1	115339	116721	118171	116744	1.21	cps
Calcium	43-1	1625208	1623799	1661094	1636700	1.29	cps
Calcium	44-1	26339894	26444474	26807050	26530473	0.92	cps
Chromium	52-2	1768332	1784596	1772363	1775097	0.48	cps
Cobalt	59-2	2894456	2908692	2879573	2894240	0.50	cps
Copper	63-2	4087964	4089633	4087579	4088392	0.03	cps
Dysprosium	156-1	75	83	217	125	63.60	cps
Dysprosium	156-2	137	137	127	133	4.33	cps
Erbium	164-1	50	33	50	44	21.66	cps
Erbium	164-2	30	13	23	22	37.76	cps
Gadolinium	160-1	100	125	175	133	28.64	cps
Gadolinium	160-2	233	263	227	241	8.10	cps
Holmium	165-1	15157616	15196610	13367395	14573874	7.17	cps
Holmium	165-2	8053527	8296490	8304403	8218140	1.74	cps
Indium	115-1	11970325	11961495	10624582	11518801	6.72	cps
Indium	115-2	2526292	2592498	2608565	2575785	1.69	cps
Iron	56-2	77113191	77219885	77027185	77120087	0.13	cps
Iron	57-2	1882130	1889892	1883152	1885058	0.22	cps
Lead	206-1	4610917	4612605	4668760	4630761	0.71	cps
Lead	207-1	4150387	4123479	4197744	4157203	0.90	cps
Lead	208-1	18802059	18760662	19087776	18883499	0.94	cps
Lithium	6-1	2815348	2842303	2525964	2727872	6.43	cps
Magnesium	24-2	13332118	13320975	13270357	13307817	0.25	cps
Manganese	55-2	2124136	2109043	2117933	2117037	0.36	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:51:36	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11570096	11639273	11865703	11691691	1.32	cps
Molybdenum	95-1	14195069	14263682	14494079	14317610	1.09	cps
Molybdenum	96-1	15709794	15857040	16000525	15855786	0.92	cps
Molybdenum	97-1	8832527	8922974	8942100	8899200	0.66	cps
Molybdenum	98-1	22805822	22987498	23174602	22989307	0.80	cps
Neodymium	150-1	527	573	507	536	6.39	cps
Neodymium	150-2	73	70	60	68	10.24	cps
Nickel	60-2	774710	772869	768878	772152	0.39	cps
Phosphorus	31-2	65411	66574	65093	65693	1.19	cps
Potassium	39-2	6663990	6721303	6717254	6700849	0.48	cps
Rhodium	103-1	10761030	10787851	9611753	10386878	6.46	cps
Rhodium	103-2	5221923	5378298	5403738	5334653	1.85	cps
Scandium	45-1	6951303	6971169	6240117	6720863	6.20	cps
Scandium	45-2	336523	343043	345119	341562	1.31	cps
Selenium	77-2	5124	5585	5201	5303	4.65	cps
Selenium	78-2	18034	18110	17870	18004	0.68	cps
Selenium	82-1	100121	101170	102906	101399	1.39	cps
Silicon	28-1	4517423	4602016	4735657	4618365	2.38	cps
Silver	109-1	6909795	6979040	7073053	6987296	1.17	cps
Silver	107-1	7300767	7298442	7430049	7343086	1.03	cps
Sodium	23-2	24603813	24705743	24616109	24641888	0.23	cps
Strontium	86-1	1812242	1821876	1852785	1828968	1.16	cps
Strontium	88-1	15944362	16126094	16370805	16147087	1.33	cps
Sulfur	34-1	1009523	1007064	1016239	1010942	0.47	cps
Terbium	159-1	15652183	15615377	13915861	15061140	6.59	cps
Terbium	159-2	7924730	8173387	8143439	8080519	1.68	cps
Thallium	203-1	5748865	5789797	5866586	5801749	1.03	cps
Thallium	205-1	13866545	13861561	14067031	13931712	0.84	cps
Tin	118-1	4735778	4765398	4871119	4790765	1.49	cps
Titanium	47-1	3720167	3720302	3809203	3749891	1.37	cps
Uranium	238-1	19013485	19080326	19198370	19097394	0.49	cps
Vanadium	51-2	1450724	1462544	1453499	1455589	0.42	cps
Yttrium	89-1	12106919	12135168	10792153	11678080	6.57	cps
Yttrium	89-2	1854842	1917939	1932869	1901883	2.18	cps
Zinc	66-2	603410	605597	603748	604252	0.19	cps
Zirconium	90-1	9705800	9667919	9906831	9760184	1.32	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:51:36	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2136243	2115328	2163738	2138436	1.14	cps

LB Number : LB96824 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 13:55:19 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2292088	2304575	2291184	2295949	0.33	cps
Antimony	121-1	11474196	11641613	11646563	11587457	0.85	cps
Arsenic	75-2	407454	407385	407600	407480	0.03	cps
Barium	135-1	14215573	14395611	14365845	14325677	0.67	cps
Barium	137-1	24850338	25171145	25214791	25078758	0.79	cps
Beryllium	9-1	2159686	2157006	2196541	2171078	1.02	cps
Bismuth	209-1	9423308	9466766	9439441	9443172	0.23	cps
Bismuth	209-2	6010644	6027727	6027754	6022042	0.16	cps
Boron	10-1	269206	274737	278599	274181	1.72	cps
Boron	11-1	1261396	1286912	1307769	1285359	1.81	cps
Cadmium	111-1	2859283	2877312	2880917	2872504	0.40	cps
Cadmium	106-1	325769	333456	333631	330952	1.36	cps
Cadmium	108-1	226411	227276	228769	227485	0.52	cps
Calcium	43-1	3211824	3228333	3255318	3231825	0.68	cps
Calcium	44-1	52157219	53190095	53312429	52886581	1.20	cps
Chromium	52-2	3522194	3525433	3525917	3524515	0.06	cps
Cobalt	59-2	5738458	5713216	5731630	5727768	0.23	cps
Copper	63-2	8103116	8111271	8136282	8116890	0.21	cps
Dysprosium	156-1	283	325	208	272	21.72	cps
Dysprosium	156-2	223	247	217	229	6.88	cps
Erbium	164-1	92	92	50	78	30.93	cps
Erbium	164-2	40	20	17	26	49.38	cps
Gadolinium	160-1	275	192	175	214	25.05	cps
Gadolinium	160-2	293	290	297	293	1.14	cps
Holmium	165-1	15211980	15338322	15199200	15249834	0.50	cps
Holmium	165-2	8246768	8262614	8197184	8235522	0.41	cps
Indium	115-1	11816610	11810273	11868146	11831676	0.27	cps
Indium	115-2	2515276	2498753	2511843	2508624	0.35	cps
Iron	56-2	153958809	153184270	152583965	153242348	0.45	cps
Iron	57-2	3702072	3715064	3707389	3708175	0.18	cps
Lead	206-1	9285295	9373461	9366822	9341859	0.53	cps
Lead	207-1	8384920	8556784	8449165	8463623	1.03	cps
Lead	208-1	37690565	38218610	37944007	37951060	0.70	cps
Lithium	6-1	2777374	2762752	2762694	2767606	0.31	cps
Magnesium	24-2	26312762	26416802	26444639	26391401	0.26	cps
Manganese	55-2	4175232	4198918	4187240	4187130	0.28	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:55:19	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	23355799	23494959	23581683	23477480	0.49	cps
Molybdenum	95-1	28561980	28813494	28923690	28766388	0.64	cps
Molybdenum	96-1	31651610	31769576	31841616	31754267	0.30	cps
Molybdenum	97-1	17743250	17829251	17894250	17822251	0.42	cps
Molybdenum	98-1	45597777	46086155	45996772	45893568	0.57	cps
Neodymium	150-1	1047	827	1107	993	14.84	cps
Neodymium	150-2	113	103	73	97	21.54	cps
Nickel	60-2	1504732	1505395	1504320	1504816	0.04	cps
Phosphorus	31-2	130130	131063	129566	130253	0.58	cps
Potassium	39-2	13413799	13386110	13363822	13387910	0.19	cps
Rhodium	103-1	10557979	10639530	10644838	10614116	0.46	cps
Rhodium	103-2	5258778	5232713	5236867	5242786	0.27	cps
Scandium	45-1	6912459	7030192	7023854	6988835	0.95	cps
Scandium	45-2	342276	342795	341319	342130	0.22	cps
Selenium	77-2	10260	10414	10477	10384	1.07	cps
Selenium	78-2	35490	34656	34905	35017	1.22	cps
Selenium	82-1	195827	198634	199821	198094	1.04	cps
Silicon	28-1	8203752	8351156	8395988	8316966	1.21	cps
Silver	109-1	13577687	13680167	13793323	13683725	0.79	cps
Silver	107-1	14265474	14380699	14483212	14376462	0.76	cps
Sodium	23-2	48675676	49036588	49073134	48928466	0.45	cps
Strontium	86-1	3604048	3634786	3636454	3625096	0.50	cps
Strontium	88-1	31887760	32331996	32404969	32208242	0.87	cps
Sulfur	34-1	1530974	1523294	1527452	1527240	0.25	cps
Terbium	159-1	15831999	15917762	15817842	15855868	0.34	cps
Terbium	159-2	8117647	8131977	8082417	8110680	0.31	cps
Thallium	203-1	11479841	11465838	11515253	11486978	0.22	cps
Thallium	205-1	27399727	27606562	27790627	27598972	0.71	cps
Tin	118-1	9566159	9665527	9690329	9640672	0.68	cps
Titanium	47-1	7454761	7547870	7607069	7536567	1.02	cps
Uranium	238-1	38049546	38804226	38234914	38362895	1.03	cps
Vanadium	51-2	2889319	2885672	2898828	2891273	0.23	cps
Yttrium	89-1	12092525	12169621	12200119	12154088	0.46	cps
Yttrium	89-2	1890959	1894882	1899630	1895157	0.23	cps
Zinc	66-2	1174535	1178712	1170832	1174693	0.34	cps
Zirconium	90-1	19515723	19547487	19695652	19586287	0.49	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:55:19	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4244493	4278815	4285162	4269490	0.51	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:59:04	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12298995	12424991	12504998	12409661	0.84	cps
Antimony	121-1	18780	18888	18621	18763	0.72	cps
Arsenic	75-2	672	694	669	678	2.07	cps
Barium	135-1	3876	3509	3634	3673	5.08	cps
Barium	137-1	7211	7019	6677	6969	3.88	cps
Beryllium	9-1	656	578	611	615	6.35	cps
Bismuth	209-1	8357083	8278282	8262455	8299273	0.61	cps
Bismuth	209-2	5487908	5509758	5518572	5505413	0.29	cps
Boron	10-1	12581	11697	10421	11566	9.39	cps
Boron	11-1	58841	53278	49457	53859	8.76	cps
Cadmium	111-1	3366	3223	3236	3275	2.41	cps
Cadmium	106-1	5760	5868	5826	5818	0.94	cps
Cadmium	108-1	108	100	129	113	13.35	cps
Calcium	43-1	16824788	16695395	16678590	16732924	0.48	cps
Calcium	44-1	271439806	270134639	271536073	271036839	0.29	cps
Chromium	52-2	130945	131191	132004	131380	0.42	cps
Cobalt	59-2	71808	71724	71018	71517	0.61	cps
Copper	63-2	19547	19370	19937	19618	1.48	cps
Dysprosium	156-1	108	142	75	108	30.77	cps
Dysprosium	156-2	103	60	113	92	30.74	cps
Erbium	164-1	67	117	92	92	27.27	cps
Erbium	164-2	27	47	40	38	26.95	cps
Gadolinium	160-1	183	225	117	175	31.23	cps
Gadolinium	160-2	307	267	350	308	13.54	cps
Holmium	165-1	14648005	14448983	14498471	14531820	0.71	cps
Holmium	165-2	8015308	8164916	8173520	8117915	1.10	cps
Indium	115-1	11265110	11142219	11227011	11211447	0.56	cps
Indium	115-2	2485686	2513259	2479124	2492690	0.73	cps
Iron	56-2	760626261	773008262	770167751	767934091	0.84	cps
Iron	57-2	18723221	18828314	18740664	18764066	0.30	cps
Lead	206-1	56046	55695	56113	55951	0.40	cps
Lead	207-1	47652	47602	46331	47195	1.59	cps
Lead	208-1	222788	219909	219225	220640	0.86	cps
Lithium	6-1	2653308	2649520	2655464	2652764	0.11	cps
Magnesium	24-2	138055607	139212395	139482211	138916738	0.55	cps
Manganese	55-2	21673	21890	21870	21811	0.55	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:59:04	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	29456	27703	27661	28273	3.62	cps
Molybdenum	95-1	45331	45741	43877	44983	2.18	cps
Molybdenum	96-1	57726	57994	55969	57230	1.92	cps
Molybdenum	97-1	27143	27803	27703	27550	1.29	cps
Molybdenum	98-1	73398	70433	70341	71390	2.44	cps
Neodymium	150-1	207	200	173	193	9.12	cps
Neodymium	150-2	87	90	63	80	18.17	cps
Nickel	60-2	46815	46674	47177	46889	0.55	cps
Phosphorus	31-2	817	842	733	797	7.12	cps
Potassium	39-2	71188891	71808002	72239777	71745556	0.74	cps
Rhodium	103-1	9813572	9775086	9762382	9783680	0.27	cps
Rhodium	103-2	4892907	4946640	4945057	4928201	0.62	cps
Scandium	45-1	6895203	6919275	6902145	6905541	0.18	cps
Scandium	45-2	348457	350672	349259	349463	0.32	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	131	119	137	129	7.37	cps
Selenium	82-1	248	339	185	257	29.94	cps
Silicon	28-1	994124	1000790	1002759	999224	0.45	cps
Silver	109-1	2884	2275	2409	2523	12.68	cps
Silver	107-1	2725	3009	2550	2762	8.38	cps
Sodium	23-2	258175697	259213589	259730556	259039947	0.31	cps
Strontium	86-1	19564	18888	19497	19316	1.93	cps
Strontium	88-1	158913	156721	158626	158087	0.75	cps
Sulfur	34-1	440616	443427	448542	444195	0.90	cps
Terbium	159-1	15055457	15097575	14995807	15049613	0.34	cps
Terbium	159-2	7930075	8001916	7978994	7970328	0.46	cps
Thallium	203-1	7311	7127	6635	7024	4.97	cps
Thallium	205-1	17187	16035	16152	16458	3.85	cps
Tin	118-1	22494	21884	21501	21960	2.28	cps
Titanium	47-1	4393	4626	4317	4445	3.62	cps
Uranium	238-1	6719	6510	6227	6485	3.81	cps
Vanadium	51-2	1297	1240	1187	1241	4.43	cps
Yttrium	89-1	11798420	11769492	11817633	11795182	0.21	cps
Yttrium	89-2	1908511	1905914	1911251	1908559	0.14	cps
Zinc	66-2	8369	8042	7989	8133	2.53	cps
Zirconium	90-1	6493	6560	5927	6327	5.50	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:59:04	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1458	1408	1467	1445	2.18	cps

LB Number : LB96824 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 14:36:01 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	64975	64155	65083	64738	0.78	cps
Antimony	121-1	2411516	2403159	2419736	2411470	0.34	cps
Arsenic	75-2	91509	91636	91094	91413	0.31	cps
Barium	135-1	305994	304368	305189	305184	0.27	cps
Barium	137-1	532038	531439	528621	530699	0.34	cps
Beryllium	9-1	251660	252496	249893	251350	0.53	cps
Bismuth	209-1	10098725	10135448	10292163	10175445	1.01	cps
Bismuth	209-2	6646726	6572421	6710403	6643183	1.04	cps
Boron	10-1	156746	158440	163937	159707	2.35	cps
Boron	11-1	729637	741487	765182	745435	2.43	cps
Cadmium	111-1	336350	331845	332238	333477	0.75	cps
Cadmium	106-1	72217	71287	72762	72089	1.03	cps
Cadmium	108-1	36485	36259	37007	36584	1.05	cps
Calcium	43-1	83730	85086	82698	83838	1.43	cps
Calcium	44-1	1286240	1276537	1279842	1280873	0.39	cps
Chromium	52-2	388247	387173	387217	387546	0.16	cps
Cobalt	59-2	647549	651403	649003	649318	0.30	cps
Copper	63-2	466987	469155	468182	468108	0.23	cps
Dysprosium	156-1	17	25	33	25	33.32	cps
Dysprosium	156-2	10	17	3	10	66.70	cps
Erbium	164-1	92	142	83	106	29.89	cps
Erbium	164-2	57	77	37	57	35.29	cps
Gadolinium	160-1	150	117	192	153	24.60	cps
Gadolinium	160-2	333	333	313	327	3.53	cps
Holmium	165-1	15691458	15746410	15859359	15765743	0.54	cps
Holmium	165-2	8591832	8575554	8703055	8623480	0.80	cps
Indium	115-1	13094739	13010671	13103147	13069519	0.39	cps
Indium	115-2	2773010	2759911	2774326	2769083	0.29	cps
Iron	56-2	3371784	3356699	3366194	3364892	0.23	cps
Iron	57-2	85525	83782	85034	84781	1.06	cps
Lead	206-1	1967491	1972847	1983100	1974479	0.40	cps
Lead	207-1	1713479	1717778	1718688	1716649	0.16	cps
Lead	208-1	7828332	7842433	7891457	7854074	0.42	cps
Lithium	6-1	3237204	3235614	3216311	3229710	0.36	cps
Magnesium	24-2	356335	352422	356623	355127	0.66	cps
Manganese	55-2	232153	231555	233127	232279	0.34	cps

LB Number : LB96824 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 14:36:01 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6167025	6148934	6122077	6146012	0.37	cps
Molybdenum	95-1	3417463	3378151	3367238	3387617	0.78	cps
Molybdenum	96-1	4272194	4231279	4243372	4248948	0.49	cps
Molybdenum	97-1	2128228	2110336	2115821	2118128	0.43	cps
Molybdenum	98-1	5517755	5494139	5496649	5502848	0.24	cps
Neodymium	150-1	53	27	20	33	52.92	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	176242	171887	175213	174448	1.30	cps
Phosphorus	31-2	692	883	825	800	12.28	cps
Potassium	39-2	647902	645454	641921	645092	0.47	cps
Rhodium	103-1	12215366	12182835	12148105	12182102	0.28	cps
Rhodium	103-2	5945497	5871199	5891499	5902732	0.65	cps
Scandium	45-1	7849619	7783370	7774290	7802426	0.53	cps
Scandium	45-2	382032	380844	380199	381025	0.24	cps
Selenium	77-2	2374	2520	2490	2461	3.15	cps
Selenium	78-2	8419	8638	8226	8428	2.44	cps
Selenium	82-1	47430	46415	46717	46854	1.11	cps
Silicon	28-1	637155	635669	643562	638796	0.66	cps
Silver	109-1	1511213	1525070	1508655	1514979	0.58	cps
Silver	107-1	1609106	1596768	1611363	1605746	0.49	cps
Sodium	23-2	1124562	1109963	1110975	1115167	0.73	cps
Strontium	86-1	2109179	2124361	2083075	2105538	0.99	cps
Strontium	88-1	18847944	18714237	18660810	18740997	0.51	cps
Sulfur	34-1	516469	511886	514836	514397	0.45	cps
Terbium	159-1	16529254	16551874	16557019	16546049	0.09	cps
Terbium	159-2	8541143	8511755	8603262	8552053	0.55	cps
Thallium	203-1	2437668	2419672	2454350	2437230	0.71	cps
Thallium	205-1	5979229	5972040	5990140	5980470	0.15	cps
Tin	118-1	5626184	5640319	5615230	5627244	0.22	cps
Titanium	47-1	906400	901917	903814	904044	0.25	cps
Uranium	238-1	20788313	20830370	20947248	20855311	0.39	cps
Vanadium	51-2	319900	316775	317297	317991	0.53	cps
Yttrium	89-1	13404409	13192933	13265132	13287491	0.81	cps
Yttrium	89-2	2066291	2031674	2053261	2050409	0.85	cps
Zinc	66-2	138547	138896	140323	139255	0.68	cps
Zirconium	90-1	11478813	11394931	11399509	11424417	0.41	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 14:36:01	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2490350	2496988	2469912	2485750	0.57	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:02:10	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2992	2817	2992	2934	3.45	cps
Antimony	121-1	24806	24188	25324	24773	2.29	cps
Arsenic	75-2	496	493	483	491	1.36	cps
Barium	135-1	28489	28923	28021	28477	1.58	cps
Barium	137-1	50242	51120	49949	50437	1.21	cps
Beryllium	9-1	2556	2434	2311	2434	5.02	cps
Bismuth	209-1	10052608	9989472	10043104	10028394	0.34	cps
Bismuth	209-2	6590917	6596149	6607858	6598308	0.13	cps
Boron	10-1	8678	9011	9378	9022	3.88	cps
Boron	11-1	42043	41608	42068	41906	0.62	cps
Cadmium	111-1	5389	5274	5339	5334	1.08	cps
Cadmium	106-1	6085	6268	5985	6113	2.35	cps
Cadmium	108-1	321	263	192	258	25.04	cps
Calcium	43-1	17478	18395	18379	18084	2.90	cps
Calcium	44-1	294803	291741	293723	293423	0.53	cps
Chromium	52-2	8613	8966	8823	8801	2.02	cps
Cobalt	59-2	6705	6351	6485	6514	2.74	cps
Copper	63-2	11965	12005	12145	12038	0.79	cps
Dysprosium	156-1	25	8	33	22	57.29	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Erbium	164-1	83	67	67	72	13.33	cps
Erbium	164-2	47	40	20	36	39.03	cps
Gadolinium	160-1	242	150	108	167	40.93	cps
Gadolinium	160-2	250	290	197	246	19.07	cps
Holmium	165-1	15930005	15627589	15630495	15729363	1.10	cps
Holmium	165-2	8462523	8563850	8641141	8555838	1.05	cps
Indium	115-1	13223133	13173348	13133547	13176676	0.34	cps
Indium	115-2	2755415	2770126	2812552	2779364	1.07	cps
Iron	56-2	182347	181750	180743	181613	0.45	cps
Iron	57-2	4740	4984	5001	4908	2.98	cps
Lead	206-1	10404	10199	10165	10256	1.26	cps
Lead	207-1	9337	8614	8937	8963	4.04	cps
Lead	208-1	41866	40203	41404	41158	2.09	cps
Lithium	6-1	3147843	3116448	3135372	3133221	0.50	cps
Magnesium	24-2	142791	142314	140343	141816	0.92	cps
Manganese	55-2	2510	2494	2354	2452	3.51	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:02:10	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	25824	25524	25507	25618	0.70	cps
Molybdenum	95-1	28337	30224	30583	29715	4.06	cps
Molybdenum	96-1	33682	33473	32588	33248	1.75	cps
Molybdenum	97-1	18855	19522	18337	18905	3.14	cps
Molybdenum	98-1	49645	49587	48183	49138	1.69	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	2034	2097	2024	2051	1.94	cps
Phosphorus	31-2	908	683	767	786	14.47	cps
Potassium	39-2	190609	190061	190550	190406	0.16	cps
Rhodium	103-1	12175842	12069599	11993328	12079590	0.76	cps
Rhodium	103-2	5917191	5930458	6009243	5952297	0.84	cps
Scandium	45-1	7878117	7787199	7797177	7820831	0.64	cps
Scandium	45-2	373948	377149	379933	377010	0.79	cps
Selenium	77-2	67	87	40	64	36.33	cps
Selenium	78-2	352	278	285	305	13.38	cps
Selenium	82-1	1084	1202	1091	1126	5.90	cps
Silicon	28-1	715098	715409	716758	715755	0.12	cps
Silver	109-1	15326	16660	15217	15734	5.11	cps
Silver	107-1	16477	15976	15851	16101	2.06	cps
Sodium	23-2	290650	289002	290163	289938	0.29	cps
Strontium	86-1	5051	4651	4559	4754	5.50	cps
Strontium	88-1	34969	34701	34885	34852	0.39	cps
Sulfur	34-1	503779	504688	504596	504354	0.10	cps
Terbium	159-1	16517959	16355131	16333136	16402075	0.62	cps
Terbium	159-2	8453391	8460330	8493262	8468994	0.25	cps
Thallium	203-1	11472	12048	11931	11817	2.57	cps
Thallium	205-1	28966	28623	28958	28849	0.68	cps
Tin	118-1	52064	50910	51487	51487	1.12	cps
Titanium	47-1	8386	8011	8369	8255	2.57	cps
Uranium	238-1	37488	35666	36637	36597	2.49	cps
Vanadium	51-2	15205	15478	14824	15169	2.17	cps
Yttrium	89-1	13290309	13285485	13294325	13290040	0.03	cps
Yttrium	89-2	2013755	2045996	2051008	2036920	0.99	cps
Zinc	66-2	1820	1813	1727	1787	2.91	cps
Zirconium	90-1	23203	22577	23069	22950	1.44	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:02:10	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5151	4843	5293	5096	4.52	cps

LB Number : LB96824 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 15:05:44 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	67	92	89	23.59	cps
Antimony	121-1	450	533	583	522	12.90	cps
Arsenic	75-2	20	15	20	19	17.34	cps
Barium	135-1	100	100	25	75	57.74	cps
Barium	137-1	108	108	75	97	19.80	cps
Beryllium	9-1	117	83	89	96	18.54	cps
Bismuth	209-1	10632362	10551542	10500498	10561467	0.63	cps
Bismuth	209-2	6833958	6886541	6858299	6859599	0.38	cps
Boron	10-1	1984	1975	1959	1972	0.65	cps
Boron	11-1	8861	9145	8636	8881	2.87	cps
Cadmium	111-1	2547	2435	2281	2421	5.53	cps
Cadmium	106-1	6335	6060	5668	6021	5.57	cps
Cadmium	108-1	17	8	17	14	34.67	cps
Calcium	43-1	692	550	617	619	11.44	cps
Calcium	44-1	14591	14725	15092	14802	1.75	cps
Chromium	52-2	493	483	473	483	2.07	cps
Cobalt	59-2	43	30	53	42	27.72	cps
Copper	63-2	2577	2557	2494	2542	1.71	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	42	50	25	39	32.73	cps
Erbium	164-2	13	20	27	20	33.35	cps
Gadolinium	160-1	175	125	158	153	16.66	cps
Gadolinium	160-2	333	300	257	297	12.96	cps
Holmium	165-1	16529307	16464355	16279370	16424344	0.79	cps
Holmium	165-2	8863867	8899548	8851039	8871485	0.28	cps
Indium	115-1	14026036	14035652	13832947	13964878	0.82	cps
Indium	115-2	2867520	2868797	2906296	2880871	0.76	cps
Iron	56-2	7936	8308	7980	8075	2.52	cps
Iron	57-2	556	528	361	482	21.84	cps
Lead	206-1	917	983	1200	1033	14.34	cps
Lead	207-1	961	878	933	924	4.59	cps
Lead	208-1	4150	3995	4262	4136	3.24	cps
Lithium	6-1	3309685	3254172	3229508	3264455	1.26	cps
Magnesium	24-2	383	325	350	353	8.29	cps
Manganese	55-2	50	77	47	58	28.46	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:05:44	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	658	725	550	644	13.70	cps
Molybdenum	95-1	367	267	283	306	17.53	cps
Molybdenum	96-1	517	425	475	472	9.72	cps
Molybdenum	97-1	258	142	200	200	29.17	cps
Molybdenum	98-1	608	417	567	531	19.00	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	53	60	70	61	13.73	cps
Phosphorus	31-2	683	617	775	692	11.49	cps
Potassium	39-2	44426	43415	44309	44050	1.26	cps
Rhodium	103-1	12936172	12879565	12737874	12851204	0.79	cps
Rhodium	103-2	6187654	6224786	6231912	6214784	0.38	cps
Scandium	45-1	8232012	8193351	8149721	8191695	0.50	cps
Scandium	45-2	391235	400478	394125	395279	1.20	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	119	117	100	112	9.13	cps
Selenium	82-1	5	-38	0	-11	-212.62	cps
Silicon	28-1	582307	585585	583601	583831	0.28	cps
Silver	109-1	292	242	308	281	12.37	cps
Silver	107-1	267	333	358	319	14.83	cps
Sodium	23-2	21007	21592	20923	21174	1.72	cps
Strontium	86-1	875	867	900	881	1.97	cps
Strontium	88-1	275	250	200	242	15.80	cps
Sulfur	34-1	508338	507958	516632	510976	0.96	cps
Terbium	159-1	17305336	17383681	17178563	17289193	0.60	cps
Terbium	159-2	8784888	8824762	8837811	8815821	0.31	cps
Thallium	203-1	242	233	225	233	3.57	cps
Thallium	205-1	517	558	542	539	3.89	cps
Tin	118-1	1634	1884	1583	1700	9.46	cps
Titanium	47-1	200	100	275	192	45.81	cps
Uranium	238-1	125	42	100	89	48.11	cps
Vanadium	51-2	20	17	13	17	20.01	cps
Yttrium	89-1	14083722	14068867	13943756	14032115	0.55	cps
Yttrium	89-2	2115312	2139611	2124675	2126533	0.58	cps
Zinc	66-2	413	437	423	424	2.76	cps
Zirconium	90-1	1375	1283	1417	1358	5.02	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:05:44	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	258	275	225	253	10.07	cps

LB Number : LB96824 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 15:09:18 DataFile Name : 019ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12233574	12167128	12152333	12184345	0.36	cps
Antimony	121-1	15117	15793	15893	15601	2.71	cps
Arsenic	75-2	185	152	170	169	9.88	cps
Barium	135-1	4418	4634	4826	4626	4.42	cps
Barium	137-1	8078	8303	8495	8292	2.52	cps
Beryllium	9-1	761	700	717	726	4.35	cps
Bismuth	209-1	9735687	9693748	9622798	9684077	0.59	cps
Bismuth	209-2	6295791	6304205	6271508	6290501	0.27	cps
Boron	10-1	1717	1775	1684	1725	2.69	cps
Boron	11-1	8478	8236	7952	8222	3.20	cps
Cadmium	111-1	3702	3879	3382	3654	6.90	cps
Cadmium	106-1	5576	5643	5618	5613	0.60	cps
Cadmium	108-1	3113	2934	3100	3049	3.28	cps
Calcium	43-1	3613969	3580374	3544860	3579734	0.97	cps
Calcium	44-1	60208318	59442299	59380901	59677173	0.77	cps
Chromium	52-2	76882	77552	76789	77074	0.54	cps
Cobalt	59-2	7305	8146	7762	7738	5.44	cps
Copper	63-2	39162	39253	39343	39253	0.23	cps
Dysprosium	156-1	33	50	42	42	20.00	cps
Dysprosium	156-2	27	27	33	29	13.31	cps
Erbium	164-1	100	67	133	100	33.33	cps
Erbium	164-2	43	40	60	48	22.43	cps
Gadolinium	160-1	175	175	175	175	0.00	cps
Gadolinium	160-2	237	277	297	270	11.32	cps
Holmium	165-1	16281058	16102469	16113887	16165805	0.62	cps
Holmium	165-2	8790141	8752100	8729265	8757169	0.35	cps
Indium	115-1	13272722	13094630	13114475	13160609	0.74	cps
Indium	115-2	2723964	2744567	2747053	2738528	0.46	cps
Iron	56-2	339836019	341045141	341051274	340644145	0.21	cps
Iron	57-2	8240473	8282659	8342650	8288594	0.62	cps
Lead	206-1	43789	42920	43009	43239	1.11	cps
Lead	207-1	34668	33888	32891	33816	2.63	cps
Lead	208-1	163538	162426	159892	161952	1.15	cps
Lithium	6-1	3091152	2969245	3065418	3041938	2.11	cps
Magnesium	24-2	28964228	29060070	28958003	28994100	0.20	cps
Manganese	55-2	18879	18472	18482	18611	1.25	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:09:18	DataFile Name :	019ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7154874	7162210	7108046	7141710	0.41	cps
Molybdenum	95-1	12579768	12591780	12447669	12539739	0.64	cps
Molybdenum	96-1	13311309	13357802	13296703	13321938	0.24	cps
Molybdenum	97-1	7769693	7762934	7723749	7752125	0.32	cps
Molybdenum	98-1	20033867	20064284	20067020	20055057	0.09	cps
Neodymium	150-1	73	53	60	62	16.37	cps
Neodymium	150-2	13	10	20	14	35.26	cps
Nickel	60-2	8903	8913	9003	8940	0.62	cps
Phosphorus	31-2	726142	723436	719193	722924	0.48	cps
Potassium	39-2	30693474	30679219	30626678	30666457	0.11	cps
Rhodium	103-1	11863590	11709390	11762347	11778443	0.67	cps
Rhodium	103-2	5726551	5757964	5779917	5754811	0.47	cps
Scandium	45-1	8018644	7945280	7880558	7948160	0.87	cps
Scandium	45-2	379401	380737	381527	380555	0.28	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	128	117	122	122	4.54	cps
Selenium	82-1	121	46	116	94	44.80	cps
Silicon	28-1	721942	722628	720702	721757	0.14	cps
Silver	109-1	933	1083	958	992	8.10	cps
Silver	107-1	825	1192	1117	1045	18.55	cps
Sodium	23-2	55718380	55732028	55384430	55611613	0.35	cps
Strontium	86-1	140061	135937	134691	136897	2.05	cps
Strontium	88-1	1193588	1180177	1193532	1189099	0.65	cps
Sulfur	34-1	5162361	5110284	5118243	5130296	0.55	cps
Terbium	159-1	17092619	16937956	16727886	16919487	1.08	cps
Terbium	159-2	8652639	8609651	8622160	8628150	0.26	cps
Thallium	203-1	550	633	675	619	10.27	cps
Thallium	205-1	1475	1525	1483	1495	1.79	cps
Tin	118-1	2567	2484	2559	2536	1.81	cps
Titanium	47-1	3378826	3326047	3346375	3350416	0.79	cps
Uranium	238-1	692	658	608	653	6.43	cps
Vanadium	51-2	570	500	573	548	7.56	cps
Yttrium	89-1	13759846	13638939	13599738	13666174	0.61	cps
Yttrium	89-2	2054180	2054838	2059120	2056046	0.13	cps
Zinc	66-2	7876	7659	7889	7808	1.65	cps
Zirconium	90-1	2309	2475	2192	2325	6.12	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:09:18	DataFile Name :	019ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	458	408	592	486	19.50	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:12:53	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12172117	12031201	12059291	12087536	0.62	cps
Antimony	121-1	264941	259531	262744	262406	1.04	cps
Arsenic	75-2	9236	8892	8684	8937	3.12	cps
Barium	135-1	66417	66443	65639	66166	0.69	cps
Barium	137-1	113671	116595	113628	114632	1.48	cps
Beryllium	9-1	46471	46343	46210	46342	0.28	cps
Bismuth	209-1	9662318	9586536	9647902	9632252	0.42	cps
Bismuth	209-2	6267981	6223595	6259657	6250411	0.38	cps
Boron	10-1	14099	12881	13623	13534	4.53	cps
Boron	11-1	63200	63518	64573	63763	1.13	cps
Cadmium	111-1	67192	65255	65683	66044	1.54	cps
Cadmium	106-1	14925	13690	13841	14152	4.76	cps
Cadmium	108-1	8540	8599	7756	8298	5.67	cps
Calcium	43-1	3593687	3566563	3551898	3570716	0.59	cps
Calcium	44-1	60422872	59849439	59582522	59951611	0.72	cps
Chromium	52-2	153015	153684	153593	153431	0.24	cps
Cobalt	59-2	132498	132182	132549	132410	0.15	cps
Copper	63-2	128588	129940	128414	128981	0.65	cps
Dysprosium	156-1	58	75	58	64	15.05	cps
Dysprosium	156-2	40	40	47	42	9.12	cps
Erbium	164-1	100	67	92	86	20.15	cps
Erbium	164-2	40	43	67	50	29.06	cps
Gadolinium	160-1	300	108	158	189	52.63	cps
Gadolinium	160-2	263	230	293	262	12.08	cps
Holmium	165-1	16381053	16151469	16230549	16254357	0.72	cps
Holmium	165-2	8743364	8698422	8711171	8717653	0.27	cps
Indium	115-1	13380858	13322111	13303732	13335567	0.30	cps
Indium	115-2	2748276	2708541	2728022	2728280	0.73	cps
Iron	56-2	338170230	336071808	337147508	337129848	0.31	cps
Iron	57-2	8207169	8243940	8189093	8213401	0.34	cps
Lead	206-1	231701	232865	231966	232177	0.26	cps
Lead	207-1	192867	192507	194766	193380	0.63	cps
Lead	208-1	902875	900125	894577	899192	0.47	cps
Lithium	6-1	2930589	3045806	2928675	2968357	2.26	cps
Magnesium	24-2	29009316	28830756	28661432	28833835	0.60	cps
Manganese	55-2	63349	63701	64039	63696	0.54	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:12:53	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7680922	7582204	7627807	7630311	0.65	cps
Molybdenum	95-1	12857804	12795605	12849145	12834185	0.26	cps
Molybdenum	96-1	13695057	13588897	13685375	13656443	0.43	cps
Molybdenum	97-1	7915327	7909526	7898164	7907672	0.11	cps
Molybdenum	98-1	20533661	20271126	20427788	20410858	0.65	cps
Neodymium	150-1	33	47	100	60	58.79	cps
Neodymium	150-2	20	27	13	20	33.35	cps
Nickel	60-2	41947	41422	42248	41872	1.00	cps
Phosphorus	31-2	724294	712287	709069	715216	1.12	cps
Potassium	39-2	30879109	30468402	30366835	30571449	0.89	cps
Rhodium	103-1	11919923	11817749	11822856	11853509	0.49	cps
Rhodium	103-2	5745872	5776080	5741994	5754649	0.32	cps
Scandium	45-1	8060197	7969898	7954185	7994760	0.72	cps
Scandium	45-2	384029	378112	377451	379864	0.95	cps
Selenium	77-2	240	227	237	234	2.96	cps
Selenium	78-2	889	952	967	936	4.41	cps
Selenium	82-1	4563	4524	4633	4573	1.21	cps
Silicon	28-1	1061173	1065163	1056907	1061081	0.39	cps
Silver	109-1	286019	280592	284000	283537	0.97	cps
Silver	107-1	300416	297274	297082	298258	0.63	cps
Sodium	23-2	55611191	55043322	54919664	55191392	0.67	cps
Strontium	86-1	306080	306189	304356	305542	0.34	cps
Strontium	88-1	2660179	2633247	2638650	2644025	0.54	cps
Sulfur	34-1	5133749	5123266	5096502	5117839	0.38	cps
Terbium	159-1	17061046	17037186	16933335	17010522	0.40	cps
Terbium	159-2	8680218	8596646	8571248	8616037	0.66	cps
Thallium	203-1	234700	231862	233822	233461	0.62	cps
Thallium	205-1	565435	559142	561618	562065	0.56	cps
Tin	118-1	440481	433395	439189	437688	0.86	cps
Titanium	47-1	3410324	3373207	3392843	3392125	0.55	cps
Uranium	238-1	1579752	1545910	1551027	1558896	1.17	cps
Vanadium	51-2	64155	62552	63145	63284	1.28	cps
Yttrium	89-1	13789797	13825889	13773901	13796529	0.19	cps
Yttrium	89-2	2065058	2060801	2040551	2055470	0.64	cps
Zinc	66-2	20752	19951	20662	20455	2.15	cps
Zirconium	90-1	909705	892388	893980	898691	1.07	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:12:53	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	201751	200086	199327	200388	0.62	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:16:27	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6951595	7012246	6982828	6982223	0.43	cps
Antimony	121-1	6143673	6099678	6259549	6167633	1.34	cps
Arsenic	75-2	224939	225587	225599	225375	0.17	cps
Barium	135-1	7652446	7566575	7735270	7651430	1.10	cps
Barium	137-1	13293761	13161893	13541454	13332369	1.45	cps
Beryllium	9-1	1123176	1104772	1138447	1122132	1.50	cps
Bismuth	209-1	9054657	8945391	9140140	9046729	1.08	cps
Bismuth	209-2	6097197	6115219	6075021	6095812	0.33	cps
Boron	10-1	136460	137588	140036	138028	1.32	cps
Boron	11-1	644696	647494	668598	653596	2.00	cps
Cadmium	111-1	1480415	1458898	1513946	1484420	1.87	cps
Cadmium	106-1	175203	172101	179918	175741	2.24	cps
Cadmium	108-1	118301	117630	119708	118546	0.89	cps
Calcium	43-1	9133794	9129619	9312489	9191967	1.14	cps
Calcium	44-1	147601770	147672920	150808058	148694249	1.23	cps
Chromium	52-2	2014800	2025734	2030146	2023560	0.39	cps
Cobalt	59-2	3159119	3152072	3155888	3155693	0.11	cps
Copper	63-2	4264782	4269968	4275109	4269953	0.12	cps
Dysprosium	156-1	217	167	125	169	27.09	cps
Dysprosium	156-2	167	153	167	162	4.74	cps
Erbium	164-1	75	67	83	75	11.11	cps
Erbium	164-2	47	33	33	38	20.39	cps
Gadolinium	160-1	175	225	242	214	16.22	cps
Gadolinium	160-2	270	317	287	291	8.12	cps
Holmium	165-1	15679276	15440736	15803231	15641081	1.18	cps
Holmium	165-2	8717708	8785824	8768249	8757260	0.40	cps
Indium	115-1	12644671	12507469	12845727	12665956	1.34	cps
Indium	115-2	2674443	2678708	2680048	2677733	0.11	cps
Iron	56-2	432215754	431874476	433047343	432379191	0.14	cps
Iron	57-2	10647641	10534790	10629651	10604027	0.57	cps
Lead	206-1	4365080	4303257	4478887	4382408	2.03	cps
Lead	207-1	3964462	3903150	4014620	3960744	1.41	cps
Lead	208-1	18228236	17987182	18510025	18241814	1.43	cps
Lithium	6-1	2800661	2802764	2840782	2814735	0.80	cps
Magnesium	24-2	77432143	78516975	78206956	78052025	0.72	cps
Manganese	55-2	2321325	2314632	2325008	2320322	0.23	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:16:27	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13038511	12892063	13237540	13056038	1.33	cps
Molybdenum	95-1	15932694	15836117	16162289	15977033	1.05	cps
Molybdenum	96-1	17560339	17426632	17759305	17582092	0.95	cps
Molybdenum	97-1	9758694	9801926	9992451	9851024	1.26	cps
Molybdenum	98-1	25332890	25048765	25788732	25390129	1.47	cps
Neodymium	150-1	587	613	680	627	7.67	cps
Neodymium	150-2	90	83	70	81	12.55	cps
Nickel	60-2	840985	843581	844041	842869	0.20	cps
Phosphorus	31-2	74897	74981	75743	75207	0.62	cps
Potassium	39-2	39427950	39813429	39740544	39660641	0.52	cps
Rhodium	103-1	11318082	11212193	11404741	11311672	0.85	cps
Rhodium	103-2	5620378	5623849	5667153	5637127	0.46	cps
Scandium	45-1	7787529	7747485	7938242	7824419	1.29	cps
Scandium	45-2	383585	386122	380213	383307	0.77	cps
Selenium	77-2	5668	5655	5638	5653	0.27	cps
Selenium	78-2	19530	19146	18929	19202	1.58	cps
Selenium	82-1	103297	102387	105323	103669	1.45	cps
Silicon	28-1	4716242	4797262	4915863	4809789	2.09	cps
Silver	109-1	7225505	7119747	7321749	7222334	1.40	cps
Silver	107-1	7653124	7540417	7745946	7646496	1.35	cps
Sodium	23-2	145275745	146225524	146097570	145866280	0.35	cps
Strontium	86-1	1964381	1960433	2006988	1977267	1.31	cps
Strontium	88-1	17837420	17698519	18199047	17911662	1.44	cps
Sulfur	34-1	1092434	1084002	1096592	1091009	0.59	cps
Terbium	159-1	16335300	16163819	16566094	16355071	1.23	cps
Terbium	159-2	8551320	8667231	8623618	8614056	0.68	cps
Thallium	203-1	5669616	5584270	5769280	5674389	1.63	cps
Thallium	205-1	13542487	13371577	13767694	13560586	1.47	cps
Tin	118-1	5210453	5101971	5240784	5184403	1.41	cps
Titanium	47-1	4244518	4208978	4328218	4260572	1.44	cps
Uranium	238-1	18655887	18442801	18813883	18637524	1.00	cps
Vanadium	51-2	1642105	1640102	1644188	1642132	0.12	cps
Yttrium	89-1	13366581	13220070	13501125	13362592	1.05	cps
Yttrium	89-2	2061360	2064229	2066447	2064012	0.12	cps
Zinc	66-2	624829	627238	629243	627103	0.35	cps
Zirconium	90-1	10901690	10796951	11033528	10910723	1.09	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:16:27	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2325031	2307170	2359589	2330597	1.14	cps

LB Number : LB96824 Operator : Jaswal
 Lab Sample ID : CCB01 Instrumnet Name : P7
 Client Sample ID : CCB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 15:22:50 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	133	100	136	27.61	cps
Antimony	121-1	1700	1625	1467	1597	7.46	cps
Arsenic	75-2	4	28	9	14	92.84	cps
Barium	135-1	125	50	83	86	43.64	cps
Barium	137-1	217	167	175	186	14.39	cps
Beryllium	9-1	122	117	161	133	18.16	cps
Bismuth	209-1	10906139	10922412	10769394	10865982	0.77	cps
Bismuth	209-2	6685446	6736856	6779372	6733891	0.70	cps
Boron	10-1	3150	2659	2509	2773	12.11	cps
Boron	11-1	14324	12981	12689	13331	6.54	cps
Cadmium	111-1	2499	2374	2390	2421	2.80	cps
Cadmium	106-1	6135	5776	5851	5921	3.19	cps
Cadmium	108-1	25	4	13	14	75.48	cps
Calcium	43-1	467	492	558	506	9.37	cps
Calcium	44-1	16101	15575	14650	15442	4.76	cps
Chromium	52-2	460	547	437	481	12.05	cps
Cobalt	59-2	63	70	67	67	5.00	cps
Copper	63-2	3250	3130	2987	3123	4.22	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	50	50	58	53	9.12	cps
Erbium	164-2	20	27	30	26	19.92	cps
Gadolinium	160-1	125	117	192	144	28.46	cps
Gadolinium	160-2	320	267	300	296	9.12	cps
Holmium	165-1	17120900	16980455	16919238	17006864	0.61	cps
Holmium	165-2	8758676	8704575	8784977	8749409	0.47	cps
Indium	115-1	14557874	14495573	14288913	14447453	0.97	cps
Indium	115-2	2831695	2802188	2843245	2825709	0.75	cps
Iron	56-2	10215	9359	9642	9739	4.48	cps
Iron	57-2	411	578	444	478	18.46	cps
Lead	206-1	1028	867	756	883	15.50	cps
Lead	207-1	683	794	817	765	9.34	cps
Lead	208-1	3467	3545	3423	3478	1.78	cps
Lithium	6-1	3419503	3383921	3348019	3383814	1.06	cps
Magnesium	24-2	625	692	658	658	5.06	cps
Manganese	55-2	107	40	87	78	43.99	cps

LB Number : LB96824 Operator : Jaswal
 Lab Sample ID : CCB01 Instrumnet Name : P7
 Client Sample ID : CCB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 15:22:50 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1033	975	1025	1011	3.12	cps
Molybdenum	95-1	917	792	925	878	8.51	cps
Molybdenum	96-1	1058	875	1017	983	9.77	cps
Molybdenum	97-1	608	417	692	572	24.64	cps
Molybdenum	98-1	1550	1383	1267	1400	10.17	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	83	60	77	73	16.39	cps
Phosphorus	31-2	558	717	517	597	17.67	cps
Potassium	39-2	45972	46156	45880	46003	0.31	cps
Rhodium	103-1	13410671	13322425	13232965	13322020	0.67	cps
Rhodium	103-2	6179718	6120405	6161592	6153905	0.49	cps
Scandium	45-1	8562723	8487984	8395904	8482203	0.99	cps
Scandium	45-2	382679	379265	383465	381803	0.58	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	102	115	131	116	12.80	cps
Selenium	82-1	-35	-76	39	-24	-245.81	cps
Silicon	28-1	568215	570621	565616	568151	0.44	cps
Silver	109-1	492	483	525	500	4.41	cps
Silver	107-1	633	533	658	608	10.87	cps
Sodium	23-2	28319	27877	26858	27685	2.71	cps
Strontium	86-1	1042	1158	850	1017	15.31	cps
Strontium	88-1	250	300	308	286	11.03	cps
Sulfur	34-1	509937	499727	507179	505614	1.04	cps
Terbium	159-1	17854178	17892116	17740029	17828774	0.44	cps
Terbium	159-2	8793892	8624761	8670412	8696355	1.01	cps
Thallium	203-1	608	475	458	514	16.00	cps
Thallium	205-1	1242	1000	1133	1125	10.76	cps
Tin	118-1	1867	2159	2075	2034	7.39	cps
Titanium	47-1	208	158	150	172	18.32	cps
Uranium	238-1	133	175	158	156	13.48	cps
Vanadium	51-2	3	17	27	16	75.27	cps
Yttrium	89-1	14648890	14689404	14467396	14601896	0.81	cps
Yttrium	89-2	2097678	2058305	2082223	2079402	0.95	cps
Zinc	66-2	360	423	417	400	8.70	cps
Zirconium	90-1	1458	1350	1492	1433	5.17	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:22:50	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	300	217	200	239	22.43	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:26:23	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2484	2842	2867	2731	7.85	cps
Antimony	121-1	25182	25132	25591	25301	1.00	cps
Arsenic	75-2	513	419	502	478	10.80	cps
Barium	135-1	29708	30142	28697	29515	2.51	cps
Barium	137-1	51513	52751	51839	52034	1.23	cps
Beryllium	9-1	2550	2723	2723	2665	3.73	cps
Bismuth	209-1	10270185	10275644	10254797	10266875	0.11	cps
Bismuth	209-2	6682486	6738237	6727749	6716158	0.44	cps
Boron	10-1	9186	9645	9620	9484	2.72	cps
Boron	11-1	42653	42845	42602	42700	0.30	cps
Cadmium	111-1	5773	5629	5608	5670	1.59	cps
Cadmium	106-1	6510	6210	5843	6188	5.40	cps
Cadmium	108-1	271	288	221	260	13.36	cps
Calcium	43-1	18454	17728	18137	18106	2.01	cps
Calcium	44-1	303130	303278	298804	301737	0.84	cps
Chromium	52-2	8583	8656	8873	8704	1.73	cps
Cobalt	59-2	6848	6585	6498	6644	2.74	cps
Copper	63-2	11752	12349	12229	12110	2.61	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	3	0	57	20	159.01	cps
Erbium	164-1	58	58	75	64	15.05	cps
Erbium	164-2	10	43	30	28	60.40	cps
Gadolinium	160-1	150	233	167	183	24.05	cps
Gadolinium	160-2	287	313	260	287	9.30	cps
Holmium	165-1	16171403	16007755	16090201	16089786	0.51	cps
Holmium	165-2	8688336	8793855	8814798	8765663	0.77	cps
Indium	115-1	13608067	13681162	13566784	13618671	0.43	cps
Indium	115-2	2800366	2816050	2829475	2815297	0.52	cps
Iron	56-2	177347	179168	179718	178745	0.69	cps
Iron	57-2	4912	4640	4823	4792	2.90	cps
Lead	206-1	10821	10421	10499	10580	2.01	cps
Lead	207-1	9631	9459	9170	9420	2.47	cps
Lead	208-1	43262	42884	41972	42706	1.55	cps
Lithium	6-1	3230972	3253918	3208950	3231280	0.70	cps
Magnesium	24-2	145248	146915	143559	145241	1.16	cps
Manganese	55-2	2480	2460	2500	2480	0.81	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:26:23	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	25549	27319	25691	26186	3.76	cps
Molybdenum	95-1	30208	31026	30976	30737	1.49	cps
Molybdenum	96-1	34418	34559	33515	34164	1.66	cps
Molybdenum	97-1	18914	19255	19631	19267	1.86	cps
Molybdenum	98-1	50809	51619	49437	50622	2.18	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	1857	1860	1850	1856	0.27	cps
Phosphorus	31-2	717	675	658	683	4.40	cps
Potassium	39-2	193108	195091	194770	194323	0.55	cps
Rhodium	103-1	12644400	12480200	12547528	12557376	0.66	cps
Rhodium	103-2	6110953	6134755	6190379	6145362	0.66	cps
Scandium	45-1	8117032	8120823	7990637	8076164	0.92	cps
Scandium	45-2	378361	385932	382718	382337	0.99	cps
Selenium	77-2	53	57	63	58	8.81	cps
Selenium	78-2	328	330	313	323	2.82	cps
Selenium	82-1	1141	1211	1220	1191	3.64	cps
Silicon	28-1	693771	685189	699963	692974	1.07	cps
Silver	109-1	16085	14867	15960	15637	4.29	cps
Silver	107-1	16293	16911	15776	16327	3.48	cps
Sodium	23-2	296217	298592	294742	296517	0.66	cps
Strontium	86-1	4868	5159	4651	4893	5.22	cps
Strontium	88-1	35403	35061	34543	35002	1.24	cps
Sulfur	34-1	514393	509912	510378	511561	0.48	cps
Terbium	159-1	16903779	16817221	16831355	16850785	0.28	cps
Terbium	159-2	8642811	8705770	8686609	8678397	0.37	cps
Thallium	203-1	11447	12465	12323	12078	4.56	cps
Thallium	205-1	28715	29509	28749	28991	1.55	cps
Tin	118-1	51186	50868	52382	51479	1.55	cps
Titanium	47-1	8736	8703	8620	8686	0.69	cps
Uranium	238-1	35926	36201	36226	36118	0.46	cps
Vanadium	51-2	15712	15555	16076	15781	1.69	cps
Yttrium	89-1	13826594	13831077	13693448	13783706	0.57	cps
Yttrium	89-2	2061562	2088642	2080904	2077036	0.67	cps
Zinc	66-2	2534	2704	2654	2630	3.32	cps
Zirconium	90-1	22510	23086	23403	23000	1.97	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:26:23	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5376	5160	4701	5079	6.79	cps

LB Number : LB96824 Operator : Jaswal
 Lab Sample ID : PB111382BL Instrumnet Name : P7
 Client Sample ID : PB111382BL Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 15:29:56 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	50	83	58	37.80	cps
Antimony	121-1	592	700	700	664	9.42	cps
Arsenic	75-2	19	7	17	14	41.92	cps
Barium	135-1	17	33	25	25	33.32	cps
Barium	137-1	33	33	25	31	15.74	cps
Beryllium	9-1	122	94	117	111	13.23	cps
Bismuth	209-1	9516257	9450880	9522514	9496551	0.42	cps
Bismuth	209-2	6225767	6238800	6226777	6230448	0.12	cps
Boron	10-1	2192	2050	2175	2139	3.62	cps
Boron	11-1	10287	9970	9261	9840	5.34	cps
Cadmium	111-1	2449	2044	2316	2270	9.10	cps
Cadmium	106-1	5401	5101	5743	5415	5.93	cps
Cadmium	108-1	17	13	8	13	33.36	cps
Calcium	43-1	617	483	392	497	22.76	cps
Calcium	44-1	13815	13690	13665	13724	0.59	cps
Chromium	52-2	640	543	597	593	8.16	cps
Cobalt	59-2	73	53	63	63	15.79	cps
Copper	63-2	3004	2984	2830	2939	3.23	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	42	75	42	53	36.46	cps
Erbium	164-2	23	27	23	24	7.89	cps
Gadolinium	160-1	117	175	150	147	19.88	cps
Gadolinium	160-2	217	270	287	258	14.19	cps
Holmium	165-1	14991415	14822433	14807496	14873781	0.69	cps
Holmium	165-2	8082011	8150010	8137845	8123289	0.45	cps
Indium	115-1	12790556	12433084	12573416	12599019	1.43	cps
Indium	115-2	2612245	2625066	2629551	2622287	0.34	cps
Iron	56-2	7085	7035	6941	7020	1.04	cps
Iron	57-2	417	500	544	487	13.32	cps
Lead	206-1	667	661	667	665	0.48	cps
Lead	207-1	617	589	567	591	4.24	cps
Lead	208-1	2556	2617	2478	2550	2.73	cps
Lithium	6-1	2882344	2841995	2845355	2856565	0.78	cps
Magnesium	24-2	283	442	367	364	21.77	cps
Manganese	55-2	33	57	53	48	26.42	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	PB111382BL	Instrumnet Name :	P7
Client Sample ID :	PB111382BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:29:56	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	625	600	592	606	2.86	cps
Molybdenum	95-1	225	275	283	261	12.08	cps
Molybdenum	96-1	367	383	450	400	11.02	cps
Molybdenum	97-1	292	283	242	272	9.84	cps
Molybdenum	98-1	533	492	383	469	16.50	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	210	193	220	208	6.48	cps
Phosphorus	31-2	600	692	575	622	9.87	cps
Potassium	39-2	44234	44894	44760	44629	0.78	cps
Rhodium	103-1	11777893	11561005	11616597	11651832	0.97	cps
Rhodium	103-2	5687076	5706113	5751773	5714987	0.58	cps
Scandium	45-1	7565633	7397499	7451792	7471641	1.15	cps
Scandium	45-2	354532	358425	357877	356945	0.59	cps
Selenium	77-2	0	10	3	4	114.60	cps
Selenium	78-2	94	124	124	114	14.98	cps
Selenium	82-1	300	-3	60	119	134.39	cps
Silicon	28-1	583318	576179	577883	579127	0.64	cps
Silver	109-1	50793	208	333	17112	170.46	cps
Silver	107-1	325	433	283	347	22.30	cps
Sodium	23-2	21291	21892	21299	21494	1.60	cps
Strontium	86-1	975	808	933	906	9.58	cps
Strontium	88-1	150	167	75	131	37.40	cps
Sulfur	34-1	526789	519908	521464	522720	0.69	cps
Terbium	159-1	15798000	15559936	15571389	15643108	0.86	cps
Terbium	159-2	8004658	8037687	8072796	8038380	0.42	cps
Thallium	203-1	200	217	183	200	8.33	cps
Thallium	205-1	483	492	433	469	6.72	cps
Tin	118-1	2092	1875	2292	2086	9.99	cps
Titanium	47-1	125	117	117	119	4.03	cps
Uranium	238-1	75	125	50	83	45.83	cps
Vanadium	51-2	13	3	17	11	62.48	cps
Yttrium	89-1	13001108	12553265	12625269	12726547	1.89	cps
Yttrium	89-2	1919329	1931365	1939769	1930154	0.53	cps
Zinc	66-2	237	230	283	250	11.62	cps
Zirconium	90-1	1283	1317	1308	1303	1.33	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	PB111382BL	Instrumnet Name :	P7
Client Sample ID :	PB111382BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:29:56	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	317	233	233	261	18.42	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	PB111382BS	Instrumnet Name :	P7
Client Sample ID :	PB111382BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:33:29	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1262589	1262630	1268374	1264531	0.26	cps
Antimony	121-1	6313198	6273375	6311810	6299461	0.36	cps
Arsenic	75-2	222555	223905	222064	222841	0.43	cps
Barium	135-1	7737028	7708754	7752416	7732733	0.29	cps
Barium	137-1	13523560	13528573	13429227	13493787	0.41	cps
Beryllium	9-1	1171209	1183608	1179901	1178239	0.54	cps
Bismuth	209-1	9798360	9946826	9883634	9876273	0.75	cps
Bismuth	209-2	6386115	6383974	6365804	6378631	0.17	cps
Boron	10-1	140347	145485	145385	143739	2.04	cps
Boron	11-1	663103	680437	685702	676414	1.75	cps
Cadmium	111-1	1547494	1547035	1545465	1546664	0.07	cps
Cadmium	106-1	184087	181667	181270	182341	0.84	cps
Cadmium	108-1	122571	122028	122554	122384	0.25	cps
Calcium	43-1	1777012	1798007	1783099	1786039	0.60	cps
Calcium	44-1	29953636	30038862	30011086	30001195	0.14	cps
Chromium	52-2	1918875	1921791	1940462	1927043	0.61	cps
Cobalt	59-2	3108216	3085647	3104827	3099563	0.39	cps
Copper	63-2	4362449	4361312	4336964	4353575	0.33	cps
Dysprosium	156-1	158	217	192	189	15.49	cps
Dysprosium	156-2	137	217	157	170	24.49	cps
Erbium	164-1	58	142	125	108	40.70	cps
Erbium	164-2	37	70	47	51	33.46	cps
Gadolinium	160-1	208	208	225	214	4.50	cps
Gadolinium	160-2	310	343	283	312	9.63	cps
Holmium	165-1	16069317	16150431	16152660	16124136	0.29	cps
Holmium	165-2	8654862	8712162	8694321	8687115	0.34	cps
Indium	115-1	13081600	13227340	13119952	13142964	0.57	cps
Indium	115-2	2690947	2687522	2711154	2696541	0.47	cps
Iron	56-2	86537213	86299641	86577971	86471608	0.17	cps
Iron	57-2	2035628	2029868	2035107	2033534	0.16	cps
Lead	206-1	4571128	4554359	4613468	4579652	0.67	cps
Lead	207-1	4134089	4122037	4164623	4140250	0.53	cps
Lead	208-1	19066072	19084335	19235545	19128651	0.49	cps
Lithium	6-1	3152632	3208704	3156164	3172500	0.99	cps
Magnesium	24-2	15151432	15090097	15233997	15158509	0.48	cps
Manganese	55-2	2294953	2269202	2292639	2285598	0.62	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	PB111382BS	Instrumnet Name :	P7
Client Sample ID :	PB111382BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:33:29	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12978009	12929189	13004030	12970409	0.29	cps
Molybdenum	95-1	15942675	15942534	15869015	15918075	0.27	cps
Molybdenum	96-1	17464533	17565801	17596379	17542237	0.39	cps
Molybdenum	97-1	9832586	9786252	9809243	9809361	0.24	cps
Molybdenum	98-1	25165550	25276313	25337510	25259791	0.35	cps
Neodymium	150-1	640	600	1626	955	60.81	cps
Neodymium	150-2	123	117	97	112	12.37	cps
Nickel	60-2	831328	828392	825999	828573	0.32	cps
Phosphorus	31-2	72528	73783	73189	73167	0.86	cps
Potassium	39-2	7726195	7637186	7752039	7705140	0.78	cps
Rhodium	103-1	11914898	12003817	12011916	11976877	0.45	cps
Rhodium	103-2	5776455	5808188	5812500	5799048	0.34	cps
Scandium	45-1	7837957	8040376	7932601	7936978	1.28	cps
Scandium	45-2	376357	371798	376713	374956	0.73	cps
Selenium	77-2	5581	5728	5831	5713	2.20	cps
Selenium	78-2	19584	18942	19291	19272	1.67	cps
Selenium	82-1	107820	107929	109335	108362	0.78	cps
Silicon	28-1	4820295	4941145	4928973	4896804	1.36	cps
Silver	109-1	7556571	7600597	7592637	7583268	0.31	cps
Silver	107-1	8031335	8010604	8075959	8039299	0.42	cps
Sodium	23-2	28165999	27948550	28149132	28087893	0.43	cps
Strontium	86-1	1948244	1962519	1976459	1962407	0.72	cps
Strontium	88-1	17768250	17920942	17960467	17883220	0.57	cps
Sulfur	34-1	1092783	1098371	1070840	1087331	1.34	cps
Terbium	159-1	16707884	17003862	16678688	16796811	1.07	cps
Terbium	159-2	8584877	8601426	8578656	8588320	0.14	cps
Thallium	203-1	5966408	5953451	6018927	5979595	0.58	cps
Thallium	205-1	14227829	14223343	14432514	14294562	0.84	cps
Tin	118-1	5249424	5248618	5282366	5260136	0.37	cps
Titanium	47-1	4228958	4247047	4267530	4247845	0.45	cps
Uranium	238-1	19019783	19090179	19036187	19048716	0.19	cps
Vanadium	51-2	1577200	1576128	1589412	1580913	0.47	cps
Yttrium	89-1	13572641	13639245	13540598	13584161	0.37	cps
Yttrium	89-2	2024385	2025482	2047693	2032520	0.65	cps
Zinc	66-2	662483	660388	661225	661365	0.16	cps
Zirconium	90-1	10879584	10796021	10804947	10826850	0.42	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	PB111382BS	Instrumnet Name :	P7
Client Sample ID :	PB111382BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:33:29	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2312926	2291941	2294504	2299790	0.50	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-01	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-180716	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:42:21	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	600	533	567	567	5.88	cps
Antimony	121-1	119431	92255	72253	94647	25.02	cps
Arsenic	75-2	1013	1095	1002	1036	4.88	cps
Barium	135-1	174879	178035	181395	178103	1.83	cps
Barium	137-1	310612	315793	318059	314821	1.21	cps
Beryllium	9-1	144	94	161	133	26.02	cps
Bismuth	209-1	9816060	10028408	10003822	9949430	1.17	cps
Bismuth	209-2	6235297	6165774	6168742	6189938	0.64	cps
Boron	10-1	35584	36929	37940	36818	3.21	cps
Boron	11-1	173807	182128	182475	179470	2.73	cps
Cadmium	111-1	2357	2174	2302	2278	4.11	cps
Cadmium	106-1	5210	4684	4968	4954	5.31	cps
Cadmium	108-1	63	29	63	51	37.45	cps
Calcium	43-1	2423323	2427282	2437801	2429469	0.31	cps
Calcium	44-1	40974275	41314225	41468887	41252462	0.61	cps
Chromium	52-2	3717	3791	3684	3731	1.46	cps
Cobalt	59-2	847	787	757	797	5.75	cps
Copper	63-2	19350	18719	19323	19130	1.86	cps
Dysprosium	156-1	25	50	50	42	34.64	cps
Dysprosium	156-2	43	27	40	37	24.04	cps
Erbium	164-1	67	75	92	78	16.37	cps
Erbium	164-2	33	40	27	33	20.00	cps
Gadolinium	160-1	133	142	208	161	25.52	cps
Gadolinium	160-2	227	227	263	239	8.86	cps
Holmium	165-1	15264548	15376300	15494645	15378497	0.75	cps
Holmium	165-2	8078263	8036311	8024351	8046308	0.35	cps
Indium	115-1	14464467	14731829	14942776	14713024	1.63	cps
Indium	115-2	2910730	2885363	2889588	2895227	0.47	cps
Iron	56-2	36307	36056	35410	35924	1.29	cps
Iron	57-2	12650	12550	12539	12580	0.49	cps
Lead	206-1	4418	4484	3828	4243	8.51	cps
Lead	207-1	4034	3795	3523	3784	6.76	cps
Lead	208-1	17749	18244	16071	17355	6.56	cps
Lithium	6-1	3717299	3913837	4018093	3883076	3.93	cps
Magnesium	24-2	1866595	1853387	1829161	1849714	1.03	cps
Manganese	55-2	37795	37735	37655	37728	0.19	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-01	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-180716	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:42:21	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4951	5235	5101	5096	2.78	cps
Molybdenum	95-1	7419	7311	6994	7241	3.05	cps
Molybdenum	96-1	7778	7744	8294	7939	3.89	cps
Molybdenum	97-1	4351	4651	4643	4548	3.76	cps
Molybdenum	98-1	10888	11989	11597	11491	4.86	cps
Neodymium	150-1	40	27	60	42	39.73	cps
Neodymium	150-2	23	13	13	17	34.65	cps
Nickel	60-2	2387	2524	2374	2428	3.42	cps
Phosphorus	31-2	1200	1275	1242	1239	3.03	cps
Potassium	39-2	1187701	1179187	1167216	1178035	0.87	cps
Rhodium	103-1	11379086	11527826	11409340	11438751	0.69	cps
Rhodium	103-2	5529006	5501609	5538415	5523010	0.35	cps
Scandium	45-1	7356156	7377265	7440380	7391267	0.59	cps
Scandium	45-2	340100	337810	335922	337944	0.62	cps
Selenium	77-2	13	30	20	21	39.75	cps
Selenium	78-2	126	124	133	128	3.83	cps
Selenium	82-1	289	193	254	246	19.81	cps
Silicon	28-1	49061550	49724814	48933488	49239950	0.86	cps
Silver	109-1	8311	7586	7928	7941	4.57	cps
Silver	107-1	8528	8361	7752	8214	4.97	cps
Sodium	23-2	9774052	9660636	9537584	9657424	1.22	cps
Strontium	86-1	1332453	1338049	1355897	1342133	0.91	cps
Strontium	88-1	12178472	12248979	12382925	12270125	0.85	cps
Sulfur	34-1	986413	988671	975554	983546	0.71	cps
Terbium	159-1	15951529	16104087	16192134	16082583	0.76	cps
Terbium	159-2	7991883	7894683	7963088	7949885	0.63	cps
Thallium	203-1	6060	5193	4659	5304	13.33	cps
Thallium	205-1	14725	12832	11822	13127	11.23	cps
Tin	118-1	16978	16802	18087	17289	4.03	cps
Titanium	47-1	1583	1458	1575	1539	4.54	cps
Uranium	238-1	23439	23572	23080	23364	1.09	cps
Vanadium	51-2	11395	11001	11578	11325	2.60	cps
Yttrium	89-1	12642749	12729190	12762894	12711611	0.49	cps
Yttrium	89-2	1833768	1835881	1833907	1834519	0.06	cps
Zinc	66-2	6215	5988	6151	6118	1.91	cps
Zirconium	90-1	3059	2867	2800	2909	4.61	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-01	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-180716	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:42:21	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	625	683	592	633	7.33	cps

LB Number : LB96824 Operator : Jaswal
 Lab Sample ID : J4028-01DUP Instrumnet Name : P7
 Client Sample ID : KY030LC068-W-180716I Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 15:45:55 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	492	358	483	444	16.81	cps
Antimony	121-1	41303	38403	37719	39142	4.86	cps
Arsenic	75-2	920	998	902	940	5.44	cps
Barium	135-1	178939	177579	179925	178814	0.66	cps
Barium	137-1	311484	310908	315728	312707	0.84	cps
Beryllium	9-1	133	122	128	128	4.35	cps
Bismuth	209-1	10113975	10117640	10295772	10175796	1.02	cps
Bismuth	209-2	6117653	6083247	6120162	6107021	0.34	cps
Boron	10-1	34866	36252	36462	35860	2.42	cps
Boron	11-1	168573	175536	171084	171731	2.05	cps
Cadmium	111-1	2170	2121	2073	2121	2.27	cps
Cadmium	106-1	5059	4868	4709	4879	3.59	cps
Cadmium	108-1	42	25	21	29	37.81	cps
Calcium	43-1	2335835	2345725	2326447	2336002	0.41	cps
Calcium	44-1	39524294	39635371	39533276	39564313	0.16	cps
Chromium	52-2	3167	3210	3047	3142	2.69	cps
Cobalt	59-2	747	733	743	741	0.94	cps
Copper	63-2	18348	17828	18809	18328	2.68	cps
Dysprosium	156-1	33	58	33	42	34.65	cps
Dysprosium	156-2	40	20	17	26	49.38	cps
Erbium	164-1	58	117	117	97	34.64	cps
Erbium	164-2	27	47	37	37	27.27	cps
Gadolinium	160-1	92	133	117	114	18.41	cps
Gadolinium	160-2	193	243	180	206	16.24	cps
Holmium	165-1	15674284	15693489	15841087	15736287	0.58	cps
Holmium	165-2	8004051	7927750	7895482	7942428	0.70	cps
Indium	115-1	14385160	14361681	14414468	14387103	0.18	cps
Indium	115-2	2703527	2699665	2674234	2692475	0.59	cps
Iron	56-2	31818	33122	31668	32203	2.48	cps
Iron	57-2	11066	11510	11399	11325	2.04	cps
Lead	206-1	2812	2928	2862	2867	2.04	cps
Lead	207-1	2506	2856	2800	2721	6.92	cps
Lead	208-1	11808	12225	12336	12123	2.30	cps
Lithium	6-1	3818264	3814798	3828830	3820631	0.19	cps
Magnesium	24-2	1686315	1671737	1651418	1669823	1.05	cps
Manganese	55-2	24327	25135	24237	24566	2.01	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-01DUP	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-180716I	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:45:55	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5376	5243	5151	5257	2.15	cps
Molybdenum	95-1	7135	6952	7536	7208	4.14	cps
Molybdenum	96-1	7561	7027	7294	7294	3.66	cps
Molybdenum	97-1	4059	4401	4484	4315	5.22	cps
Molybdenum	98-1	11463	10880	11397	11247	2.84	cps
Neodymium	150-1	47	47	53	49	7.88	cps
Neodymium	150-2	7	30	23	20	60.08	cps
Nickel	60-2	2074	2104	2267	2148	4.84	cps
Phosphorus	31-2	1133	1042	1017	1064	5.77	cps
Potassium	39-2	1051151	1046929	1037742	1045274	0.66	cps
Rhodium	103-1	11346028	11288475	11315304	11316603	0.25	cps
Rhodium	103-2	5374988	5320576	5317244	5337603	0.61	cps
Scandium	45-1	7163809	7047718	7058295	7089941	0.91	cps
Scandium	45-2	309378	305413	306566	307119	0.66	cps
Selenium	77-2	20	27	17	21	24.12	cps
Selenium	78-2	130	122	115	122	6.06	cps
Selenium	82-1	636	254	248	379	58.67	cps
Silicon	28-1	46541129	46596024	45781743	46306299	0.98	cps
Silver	109-1	5318	4743	4676	4912	7.19	cps
Silver	107-1	5435	5134	5009	5193	4.21	cps
Sodium	23-2	8784282	8720687	8614497	8706489	0.99	cps
Strontium	86-1	1316573	1314807	1310242	1313874	0.25	cps
Strontium	88-1	12047780	12036952	12070271	12051668	0.14	cps
Sulfur	34-1	940987	935213	924988	933729	0.87	cps
Terbium	159-1	16261622	16236280	16356304	16284735	0.39	cps
Terbium	159-2	7878733	7838012	7806225	7840990	0.46	cps
Thallium	203-1	1392	1208	1283	1295	7.12	cps
Thallium	205-1	3792	3134	2734	3220	16.60	cps
Tin	118-1	14550	14458	15025	14678	2.08	cps
Titanium	47-1	1458	1575	1400	1478	6.03	cps
Uranium	238-1	25359	25501	25334	25398	0.36	cps
Vanadium	51-2	10651	11021	10807	10826	1.72	cps
Yttrium	89-1	12594849	12529343	12532823	12552338	0.29	cps
Yttrium	89-2	1738518	1712003	1722444	1724322	0.77	cps
Zinc	66-2	2990	3217	2857	3021	6.02	cps
Zirconium	90-1	2434	2509	2684	2542	5.05	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-01DUP	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-180716I	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:45:55	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	608	550	483	547	11.43	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-01LX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-180716L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-23 15:49:29	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	833	750	792	792	5.26	cps
Antimony	121-1	8995	8812	9203	9003	2.18	cps
Arsenic	75-2	219	196	445	287	47.98	cps
Barium	135-1	37168	36750	36875	36931	0.58	cps
Barium	137-1	66602	66317	67054	66658	0.56	cps
Beryllium	9-1	100	139	106	115	18.32	cps
Bismuth	209-1	10545295	10589764	10653144	10596068	0.51	cps
Bismuth	209-2	6390151	6337477	6422670	6383433	0.67	cps
Boron	10-1	8686	8895	9262	8947	3.26	cps
Boron	11-1	46280	46188	45837	46102	0.51	cps
Cadmium	111-1	2103	2020	2025	2050	2.28	cps
Cadmium	106-1	5176	4951	4951	5026	2.59	cps
Cadmium	108-1	13	21	25	19	32.73	cps
Calcium	43-1	484886	487374	484040	485433	0.36	cps
Calcium	44-1	8215956	8137856	8130994	8161602	0.58	cps
Chromium	52-2	1227	1130	1180	1179	4.10	cps
Cobalt	59-2	147	187	163	166	12.14	cps
Copper	63-2	7175	7272	7522	7323	2.44	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	13	7	13	11	34.61	cps
Erbium	164-1	42	17	42	33	43.30	cps
Erbium	164-2	20	20	17	19	10.18	cps
Gadolinium	160-1	150	100	100	117	24.74	cps
Gadolinium	160-2	260	247	190	232	16.01	cps
Holmium	165-1	16400735	16324735	16503960	16409810	0.55	cps
Holmium	165-2	8325607	8355776	8341504	8340962	0.18	cps
Indium	115-1	13494459	13424421	13483379	13467420	0.28	cps
Indium	115-2	2591934	2587247	2562114	2580432	0.62	cps
Iron	56-2	11466	11405	11271	11381	0.87	cps
Iron	57-2	2728	2684	2939	2784	4.91	cps
Lead	206-1	1078	900	1122	1033	11.38	cps
Lead	207-1	922	878	911	904	2.56	cps
Lead	208-1	4267	3967	4406	4213	5.32	cps
Lithium	6-1	3164601	3159211	3193672	3172494	0.58	cps
Magnesium	24-2	357650	355317	354401	355790	0.47	cps
Manganese	55-2	5038	5081	5014	5044	0.67	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-01LX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-180716L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-23 15:49:29	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1308	1342	1175	1275	6.92	cps
Molybdenum	95-1	1625	1617	1525	1589	3.49	cps
Molybdenum	96-1	1867	1609	1667	1714	7.91	cps
Molybdenum	97-1	1217	925	1100	1081	13.59	cps
Molybdenum	98-1	2684	2534	2484	2567	4.06	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	10	0	7	6	91.64	cps
Nickel	60-2	560	663	703	642	11.52	cps
Phosphorus	31-2	625	583	558	589	5.72	cps
Potassium	39-2	250955	253911	251191	252019	0.65	cps
Rhodium	103-1	11939979	11865515	11937160	11914218	0.35	cps
Rhodium	103-2	5718843	5672056	5666787	5685896	0.50	cps
Scandium	45-1	7338348	7269848	7305947	7304714	0.47	cps
Scandium	45-2	321924	324799	322525	323083	0.47	cps
Selenium	77-2	13	7	0	7	99.98	cps
Selenium	78-2	104	85	104	98	10.96	cps
Selenium	82-1	90	149	64	101	42.87	cps
Silicon	28-1	10087384	10050609	10043348	10060447	0.23	cps
Silver	109-1	1592	1742	1775	1703	5.74	cps
Silver	107-1	2025	1917	1775	1906	6.58	cps
Sodium	23-2	1774636	1775795	1768560	1772997	0.22	cps
Strontium	86-1	274195	271571	274695	273487	0.61	cps
Strontium	88-1	2371478	2360725	2351508	2361237	0.42	cps
Sulfur	34-1	558093	554546	560238	557626	0.52	cps
Terbium	159-1	16929774	17039206	16937785	16968922	0.36	cps
Terbium	159-2	8281702	8216667	8264030	8254133	0.41	cps
Thallium	203-1	483	325	442	417	19.70	cps
Thallium	205-1	758	1075	992	942	17.43	cps
Tin	118-1	3025	3459	2967	3151	8.53	cps
Titanium	47-1	450	467	383	433	10.18	cps
Uranium	238-1	5493	5543	4976	5337	5.88	cps
Vanadium	51-2	2834	2867	3030	2910	3.62	cps
Yttrium	89-1	12961257	12906442	13014378	12960693	0.42	cps
Yttrium	89-2	1843299	1829221	1821731	1831417	0.60	cps
Zinc	66-2	993	1057	1070	1040	3.94	cps
Zirconium	90-1	1492	1275	1192	1320	11.74	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-01LX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-180716I	Dilution Factor :	5
Date & Time Acquired ::	2018-07-23 15:49:29	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	225	300	250	258	14.78	cps

LB Number : LB96824 Operator : Jaswal
 Lab Sample ID : J4028-02 Instrumnet Name : P7
 Client Sample ID : KY030LC068-W-180716I Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 15:53:02 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	866167	866712	863464	865447	0.20	cps
Antimony	121-1	5721043	5736446	5733581	5730357	0.14	cps
Arsenic	75-2	170681	170468	169240	170130	0.46	cps
Barium	135-1	7162493	7144821	7143644	7150320	0.15	cps
Barium	137-1	12595117	12518450	12502670	12538746	0.39	cps
Beryllium	9-1	951404	944933	942768	946368	0.47	cps
Bismuth	209-1	9799177	9868347	9786962	9818162	0.45	cps
Bismuth	209-2	5654966	5712832	5676107	5681302	0.52	cps
Boron	10-1	148608	151655	153843	151369	1.74	cps
Boron	11-1	710265	726282	735780	724109	1.78	cps
Cadmium	111-1	1345403	1348386	1362151	1351980	0.66	cps
Cadmium	106-1	155444	156564	156136	156048	0.36	cps
Cadmium	108-1	104859	106538	104590	105329	1.00	cps
Calcium	43-1	3644724	3665535	3656796	3655685	0.29	cps
Calcium	44-1	62277822	62350206	62023645	62217224	0.28	cps
Chromium	52-2	1467966	1454954	1452050	1458323	0.58	cps
Cobalt	59-2	2443409	2414162	2405711	2421094	0.82	cps
Copper	63-2	3499749	3482794	3488378	3490307	0.25	cps
Dysprosium	156-1	183	150	100	144	29.04	cps
Dysprosium	156-2	103	147	127	126	17.27	cps
Erbium	164-1	58	33	58	50	28.88	cps
Erbium	164-2	30	50	43	41	24.77	cps
Gadolinium	160-1	167	233	158	186	22.09	cps
Gadolinium	160-2	243	243	240	242	0.79	cps
Holmium	165-1	15457766	15550868	15123195	15377276	1.46	cps
Holmium	165-2	7574004	7657284	7615751	7615680	0.55	cps
Indium	115-1	12854885	12889467	12748903	12831085	0.57	cps
Indium	115-2	2406773	2374256	2381640	2387556	0.71	cps
Iron	56-2	66011963	65490579	65554703	65685748	0.43	cps
Iron	57-2	1565272	1545333	1552384	1554330	0.65	cps
Lead	206-1	4499680	4527386	4590657	4539241	1.03	cps
Lead	207-1	3948587	3974023	4031729	3984780	1.07	cps
Lead	208-1	18622495	18764411	19029061	18805322	1.10	cps
Lithium	6-1	3467977	3478124	3482941	3476347	0.22	cps
Magnesium	24-2	12633164	12647586	12655375	12645375	0.09	cps
Manganese	55-2	1732358	1726304	1723102	1727254	0.27	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-02	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-180716I	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:53:02	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11354217	11377405	11381011	11370878	0.13	cps
Molybdenum	95-1	13921804	13911409	13942309	13925174	0.11	cps
Molybdenum	96-1	15331796	15272368	15346622	15316929	0.26	cps
Molybdenum	97-1	8610389	8644288	8616821	8623833	0.21	cps
Molybdenum	98-1	22322557	22266418	22171419	22253465	0.34	cps
Neodymium	150-1	447	607	513	522	15.39	cps
Neodymium	150-2	87	57	50	64	30.31	cps
Nickel	60-2	661312	658401	651627	657113	0.76	cps
Phosphorus	31-2	850	950	892	897	5.60	cps
Potassium	39-2	6338580	6309288	6303275	6317047	0.30	cps
Rhodium	103-1	10399592	10461657	10211700	10357650	1.26	cps
Rhodium	103-2	4934461	4588198	4888560	4803740	3.92	cps
Scandium	45-1	6558854	6509028	6384384	6484089	1.39	cps
Scandium	45-2	272429	273879	270156	272154	0.69	cps
Selenium	77-2	4301	4244	4364	4303	1.40	cps
Selenium	78-2	14702	14329	14353	14462	1.44	cps
Selenium	82-1	94033	94171	94103	94102	0.07	cps
Silicon	28-1	45934162	45864966	45922387	45907172	0.08	cps
Silver	109-1	6769204	6776609	6752430	6766081	0.18	cps
Silver	107-1	7139258	7139282	7150354	7142965	0.09	cps
Sodium	23-2	28759216	28513665	28539130	28604004	0.47	cps
Strontium	86-1	2955869	2944914	2943441	2948075	0.23	cps
Strontium	88-1	27328826	27072395	27067925	27156382	0.55	cps
Sulfur	34-1	887504	887891	876174	883856	0.75	cps
Terbium	159-1	15919226	15906950	15623338	15816505	1.06	cps
Terbium	159-2	7574135	7460346	7477594	7504025	0.82	cps
Thallium	203-1	5890447	5975306	5972874	5946209	0.81	cps
Thallium	205-1	14167322	14219479	14465656	14284152	1.12	cps
Tin	118-1	4390313	4407050	4394359	4397240	0.20	cps
Titanium	47-1	3306891	3313090	3272613	3297531	0.66	cps
Uranium	238-1	19582778	19605951	20019040	19735923	1.24	cps
Vanadium	51-2	1192123	1175511	1183890	1183841	0.70	cps
Yttrium	89-1	11826230	11706431	11518954	11683872	1.33	cps
Yttrium	89-2	1600122	1584771	1584124	1589672	0.57	cps
Zinc	66-2	489430	490335	488482	489416	0.19	cps
Zirconium	90-1	9411185	9364829	9408042	9394686	0.28	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-02	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-1807161	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:53:02	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1984784	1984023	2003286	1990698	0.55	cps

LB Number : LB96824 Operator : Jaswal
 Lab Sample ID : J4028-03 Instrumnet Name : P7
 Client Sample ID : KY030LC068-W-180716I Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 15:56:36 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	813133	813792	813184	813370	0.05	cps
Antimony	121-1	5624646	5617596	5604156	5615466	0.19	cps
Arsenic	75-2	165556	165075	165074	165235	0.17	cps
Barium	135-1	6951956	6951381	6975742	6959693	0.20	cps
Barium	137-1	12216439	12109995	12221204	12182546	0.52	cps
Beryllium	9-1	925014	926349	907521	919628	1.14	cps
Bismuth	209-1	9837102	9923942	9983912	9914985	0.74	cps
Bismuth	209-2	5723593	5664172	5701972	5696579	0.53	cps
Boron	10-1	147690	150290	148995	148992	0.87	cps
Boron	11-1	707254	713466	709579	710100	0.44	cps
Cadmium	111-1	1334114	1320799	1332495	1329136	0.55	cps
Cadmium	106-1	153850	152083	150070	152001	1.24	cps
Cadmium	108-1	103768	101842	102471	102694	0.96	cps
Calcium	43-1	3485990	3454826	3493085	3477967	0.59	cps
Calcium	44-1	59443160	59234014	59076810	59251328	0.31	cps
Chromium	52-2	1414029	1404345	1407839	1408738	0.35	cps
Cobalt	59-2	2347597	2339576	2335656	2340943	0.26	cps
Copper	63-2	3362868	3349629	3344561	3352353	0.28	cps
Dysprosium	156-1	158	225	125	169	30.05	cps
Dysprosium	156-2	107	90	113	103	11.63	cps
Erbium	164-1	50	75	67	64	19.92	cps
Erbium	164-2	33	33	27	31	12.36	cps
Gadolinium	160-1	133	158	167	153	11.35	cps
Gadolinium	160-2	157	213	203	191	15.83	cps
Holmium	165-1	15308122	15482321	15402410	15397618	0.57	cps
Holmium	165-2	7653864	7633687	7651754	7646435	0.15	cps
Indium	115-1	12418476	12443711	12567260	12476482	0.64	cps
Indium	115-2	2314220	2295198	2313361	2307593	0.47	cps
Iron	56-2	63056092	62455974	62447640	62653235	0.56	cps
Iron	57-2	1479809	1474994	1474986	1476596	0.19	cps
Lead	206-1	4528966	4534214	4538414	4533865	0.10	cps
Lead	207-1	3950852	4000726	3986992	3979523	0.65	cps
Lead	208-1	18729371	18871369	18837538	18812759	0.39	cps
Lithium	6-1	3284496	3301700	3311279	3299158	0.41	cps
Magnesium	24-2	12137302	11966081	11952546	12018643	0.86	cps
Manganese	55-2	1647975	1639679	1637200	1641618	0.34	cps

LB Number : LB96824 Operator : Jaswal
 Lab Sample ID : J4028-03 Instrumnet Name : P7
 Client Sample ID : KY030LC068-W-1807161 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 15:56:36 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11022826	11042483	10909228	10991512	0.65	cps
Molybdenum	95-1	13454791	13418626	13359824	13411080	0.36	cps
Molybdenum	96-1	14777398	14773788	14667748	14739645	0.42	cps
Molybdenum	97-1	8331616	8292453	8309871	8311313	0.24	cps
Molybdenum	98-1	21534582	21538359	21337703	21470215	0.53	cps
Neodymium	150-1	480	447	513	480	6.94	cps
Neodymium	150-2	47	43	47	46	4.23	cps
Nickel	60-2	640088	635480	633832	636466	0.51	cps
Phosphorus	31-2	867	1033	817	906	12.53	cps
Potassium	39-2	6014515	5942015	5962889	5973140	0.62	cps
Rhodium	103-1	10246631	10219284	10246671	10237529	0.15	cps
Rhodium	103-2	4901882	4809591	4828303	4846592	1.01	cps
Scandium	45-1	6366576	6287899	6325304	6326593	0.62	cps
Scandium	45-2	264723	263957	265966	264882	0.38	cps
Selenium	77-2	4287	4171	4271	4243	1.49	cps
Selenium	78-2	13749	13684	13907	13780	0.83	cps
Selenium	82-1	92437	91825	90944	91735	0.82	cps
Silicon	28-1	44708803	44110229	43725973	44181668	1.12	cps
Silver	109-1	6650224	6643239	6597441	6630302	0.43	cps
Silver	107-1	7001232	6970720	6970718	6980890	0.25	cps
Sodium	23-2	27535995	26964560	27105775	27202110	1.09	cps
Strontium	86-1	2874960	2887895	2872526	2878460	0.29	cps
Strontium	88-1	26314753	26372791	26317692	26335079	0.12	cps
Sulfur	34-1	850921	840879	841124	844308	0.68	cps
Terbium	159-1	15718066	15950026	15941115	15869736	0.83	cps
Terbium	159-2	7548513	7444383	7542011	7511636	0.78	cps
Thallium	203-1	5982820	5985106	5962998	5976975	0.20	cps
Thallium	205-1	14281237	14237630	14336428	14285098	0.35	cps
Tin	118-1	4270690	4252210	4264302	4262400	0.22	cps
Titanium	47-1	3167185	3135605	3123525	3142105	0.72	cps
Uranium	238-1	19661181	19694805	19947110	19767699	0.79	cps
Vanadium	51-2	1147217	1138565	1141595	1142459	0.38	cps
Yttrium	89-1	11497884	11520441	11459408	11492578	0.27	cps
Yttrium	89-2	1570080	1544216	1558613	1557637	0.83	cps
Zinc	66-2	471517	473791	467850	471053	0.64	cps
Zirconium	90-1	9164837	9187731	9133076	9161881	0.30	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-03	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-1807161	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:56:36	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1935006	1938202	1918134	1930447	0.56	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-02A	Instrumnet Name :	P7
Client Sample ID :	J4028-01MSA	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:00:10	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	802873	795540	803443	800619	0.55	cps
Antimony	121-1	5585149	5580605	5584051	5583268	0.04	cps
Arsenic	75-2	162852	161745	161893	162164	0.37	cps
Barium	135-1	6962648	7002833	7058514	7007998	0.69	cps
Barium	137-1	12202373	12271694	12365616	12279894	0.67	cps
Beryllium	9-1	900617	901271	905411	902433	0.29	cps
Bismuth	209-1	9954183	9893988	9920061	9922744	0.30	cps
Bismuth	209-2	5647081	5652993	5657970	5652681	0.10	cps
Boron	10-1	147960	150417	150645	149674	0.99	cps
Boron	11-1	703773	712886	709858	708839	0.65	cps
Cadmium	111-1	1320264	1320300	1330386	1323650	0.44	cps
Cadmium	106-1	151107	150423	153455	151662	1.05	cps
Cadmium	108-1	102924	101556	102568	102349	0.69	cps
Calcium	43-1	3428447	3441218	3432809	3434158	0.19	cps
Calcium	44-1	58766383	58906868	58766505	58813252	0.14	cps
Chromium	52-2	1388340	1378948	1385706	1384331	0.35	cps
Cobalt	59-2	2312313	2317005	2291795	2307037	0.58	cps
Copper	63-2	3328276	3326815	3320482	3325191	0.12	cps
Dysprosium	156-1	125	158	158	147	13.07	cps
Dysprosium	156-2	120	133	93	116	17.62	cps
Erbium	164-1	117	67	92	92	27.27	cps
Erbium	164-2	33	50	27	37	32.78	cps
Gadolinium	160-1	183	158	158	167	8.66	cps
Gadolinium	160-2	247	193	230	223	12.22	cps
Holmium	165-1	15226916	15371532	15504606	15367685	0.90	cps
Holmium	165-2	7513033	7567042	7591294	7557123	0.53	cps
Indium	115-1	12272098	12235653	12269611	12259121	0.17	cps
Indium	115-2	2247258	2228029	2237228	2237505	0.43	cps
Iron	56-2	62483168	61897908	61975133	62118737	0.51	cps
Iron	57-2	1467977	1469476	1457155	1464869	0.46	cps
Lead	206-1	4528054	4606147	4592516	4575572	0.91	cps
Lead	207-1	3968026	4013924	4012099	3998016	0.65	cps
Lead	208-1	18835636	18979731	19013722	18943030	0.50	cps
Lithium	6-1	3166258	3163637	3177723	3169206	0.24	cps
Magnesium	24-2	11907971	11794580	11806810	11836454	0.53	cps
Manganese	55-2	1623359	1622008	1617798	1621055	0.18	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-02A	Instrumnet Name :	P7
Client Sample ID :	J4028-01MSA	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:00:10	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11004885	11031986	10942382	10993084	0.42	cps
Molybdenum	95-1	13468775	13500426	13493320	13487507	0.12	cps
Molybdenum	96-1	14909636	14888627	14813089	14870451	0.34	cps
Molybdenum	97-1	8378984	8352034	8320399	8350472	0.35	cps
Molybdenum	98-1	21582150	21438483	21488666	21503099	0.34	cps
Neodymium	150-1	440	513	460	471	8.05	cps
Neodymium	150-2	57	40	57	51	18.83	cps
Nickel	60-2	627714	625799	621931	625148	0.47	cps
Phosphorus	31-2	867	950	958	925	5.48	cps
Potassium	39-2	5900295	5854149	5862633	5872359	0.42	cps
Rhodium	103-1	10199583	10088124	10097717	10128475	0.61	cps
Rhodium	103-2	4480582	4444664	4767522	4564256	3.88	cps
Scandium	45-1	6193606	6172549	6192747	6186301	0.19	cps
Scandium	45-2	254783	254597	255262	254881	0.13	cps
Selenium	77-2	4237	3904	4017	4053	4.18	cps
Selenium	78-2	13556	13610	13668	13611	0.41	cps
Selenium	82-1	91229	89807	90552	90529	0.79	cps
Silicon	28-1	43475637	43644184	42823146	43314322	1.00	cps
Silver	109-1	6642006	6589344	6652930	6628093	0.51	cps
Silver	107-1	6949729	6867032	6982576	6933112	0.86	cps
Sodium	23-2	26906480	26675534	26669594	26750536	0.50	cps
Strontium	86-1	2849191	2815205	2839214	2834536	0.62	cps
Strontium	88-1	26136587	26233353	26117113	26162351	0.24	cps
Sulfur	34-1	822573	817306	808131	816003	0.90	cps
Terbium	159-1	15751267	15815942	15946115	15837775	0.63	cps
Terbium	159-2	7412635	7437823	7417233	7422564	0.18	cps
Thallium	203-1	5922797	5981349	6064159	5989435	1.19	cps
Thallium	205-1	14245420	14337734	14576454	14386536	1.19	cps
Tin	118-1	4259327	4275761	4237914	4257667	0.45	cps
Titanium	47-1	3149280	3121003	3131589	3133957	0.46	cps
Uranium	238-1	20010890	20044189	20244044	20099708	0.63	cps
Vanadium	51-2	1121899	1121578	1113452	1118977	0.43	cps
Yttrium	89-1	11380467	11456320	11406904	11414564	0.34	cps
Yttrium	89-2	1527563	1512510	1517216	1519096	0.51	cps
Zinc	66-2	463041	464680	462243	463321	0.27	cps
Zirconium	90-1	9080410	9134604	9144458	9119824	0.38	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-02A	Instrumnet Name :	P7
Client Sample ID :	J4028-01MSA	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:00:10	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1916533	1917186	1929114	1920944	0.37	cps

LB Number : LB96824 Operator : Jaswal
 Lab Sample ID : J4028-04 Instrumnet Name : P7
 Client Sample ID : KY030LC051-W-180716 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 16:03:43 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	392	367	350	369	5.68	cps
Antimony	121-1	28522	27511	27311	27781	2.34	cps
Arsenic	75-2	783	830	763	792	4.31	cps
Barium	135-1	166758	167496	166208	166821	0.39	cps
Barium	137-1	291356	292231	289967	291185	0.39	cps
Beryllium	9-1	361	250	289	300	18.79	cps
Bismuth	209-1	10325454	10453777	10356263	10378498	0.65	cps
Bismuth	209-2	5968575	5945588	5910537	5941567	0.49	cps
Boron	10-1	36336	35050	34215	35200	3.04	cps
Boron	11-1	174405	173031	170308	172581	1.21	cps
Cadmium	111-1	2366	2005	2064	2145	9.04	cps
Cadmium	106-1	4859	4217	4401	4493	7.36	cps
Cadmium	108-1	33	46	54	44	23.60	cps
Calcium	43-1	2028454	2025337	2026861	2026884	0.08	cps
Calcium	44-1	34348017	34830072	34633790	34603960	0.70	cps
Chromium	52-2	2527	2380	2587	2498	4.26	cps
Cobalt	59-2	867	810	757	811	6.78	cps
Copper	63-2	12435	12872	12586	12631	1.76	cps
Dysprosium	156-1	33	33	75	47	50.95	cps
Dysprosium	156-2	23	20	17	20	16.65	cps
Erbium	164-1	133	67	75	92	39.63	cps
Erbium	164-2	33	30	50	38	28.37	cps
Gadolinium	160-1	158	175	133	156	13.48	cps
Gadolinium	160-2	217	230	217	221	3.48	cps
Holmium	165-1	15390846	15497640	15422730	15437072	0.36	cps
Holmium	165-2	7720026	7750986	7588489	7686500	1.12	cps
Indium	115-1	12531465	12677428	12668169	12625688	0.65	cps
Indium	115-2	2311774	2297574	2290039	2299796	0.48	cps
Iron	56-2	36251	34959	33778	34996	3.53	cps
Iron	57-2	9225	8803	8681	8903	3.21	cps
Lead	206-1	6507	6474	6969	6650	4.16	cps
Lead	207-1	5468	5140	5535	5381	3.92	cps
Lead	208-1	25254	24565	25927	25249	2.70	cps
Lithium	6-1	3109764	3154041	3140474	3134760	0.72	cps
Magnesium	24-2	1207932	1204741	1199389	1204021	0.36	cps
Manganese	55-2	22507	22454	22117	22359	0.95	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-04	Instrumnet Name :	P7
Client Sample ID :	KY030LC051-W-180716	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:03:43	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6027	5768	6168	5988	3.39	cps
Molybdenum	95-1	8503	7986	8328	8272	3.18	cps
Molybdenum	96-1	8853	8736	8536	8709	1.84	cps
Molybdenum	97-1	4851	5118	5276	5082	4.23	cps
Molybdenum	98-1	13290	13624	13982	13632	2.54	cps
Neodymium	150-1	47	53	47	49	7.88	cps
Neodymium	150-2	23	13	23	20	28.87	cps
Nickel	60-2	1767	1823	1773	1788	1.73	cps
Phosphorus	31-2	900	775	783	820	8.53	cps
Potassium	39-2	804333	798792	807416	803514	0.54	cps
Rhodium	103-1	10472715	10556192	10412898	10480602	0.69	cps
Rhodium	103-2	4951630	4960392	4937027	4949683	0.24	cps
Scandium	45-1	6161749	6208848	6132893	6167830	0.62	cps
Scandium	45-2	256315	255199	254004	255173	0.45	cps
Selenium	77-2	20	7	7	11	69.25	cps
Selenium	78-2	85	83	85	85	1.27	cps
Selenium	82-1	278	199	234	237	16.71	cps
Silicon	28-1	38011513	37702279	37484111	37732635	0.70	cps
Silver	109-1	3242	3226	2925	3131	5.69	cps
Silver	107-1	3634	3709	3534	3626	2.42	cps
Sodium	23-2	6726428	6716169	6676452	6706350	0.39	cps
Strontium	86-1	1044838	1056249	1065284	1055457	0.97	cps
Strontium	88-1	9700760	9745843	9708909	9718504	0.25	cps
Sulfur	34-1	775412	762960	745069	761147	2.00	cps
Terbium	159-1	15971693	16084715	15885355	15980588	0.63	cps
Terbium	159-2	7586395	7543644	7572531	7567523	0.29	cps
Thallium	203-1	2817	2867	2575	2753	5.67	cps
Thallium	205-1	6477	6627	6594	6566	1.20	cps
Tin	118-1	18338	18438	17603	18126	2.51	cps
Titanium	47-1	1625	1792	1625	1681	5.73	cps
Uranium	238-1	27338	25893	26904	26712	2.77	cps
Vanadium	51-2	7225	7532	7585	7448	2.61	cps
Yttrium	89-1	11362766	11486595	11303895	11384419	0.82	cps
Yttrium	89-2	1537692	1539394	1528125	1535070	0.40	cps
Zinc	66-2	3964	4004	4024	3997	0.76	cps
Zirconium	90-1	2992	3434	3000	3142	8.04	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-04	Instrumnet Name :	P7
Client Sample ID :	KY030LC051-W-180716	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:03:43	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	825	883	692	800	12.28	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:07:16	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5960113	5958557	6126220	6014963	1.60	cps
Antimony	121-1	5955466	5953496	5960980	5956647	0.07	cps
Arsenic	75-2	198231	197976	202399	199536	1.24	cps
Barium	135-1	7708565	7771141	7769655	7749787	0.46	cps
Barium	137-1	13541273	13477179	13521281	13513244	0.24	cps
Beryllium	9-1	1031555	1039214	1038551	1036440	0.41	cps
Bismuth	209-1	10031453	9957585	9869009	9952682	0.82	cps
Bismuth	209-2	5979544	5976850	6014077	5990157	0.35	cps
Boron	10-1	132914	137495	136788	135732	1.82	cps
Boron	11-1	630343	644624	637555	637507	1.12	cps
Cadmium	111-1	1453033	1449472	1458405	1453637	0.31	cps
Cadmium	106-1	170361	173610	171330	171767	0.97	cps
Cadmium	108-1	113122	113416	114999	113846	0.89	cps
Calcium	43-1	8415917	8495536	8534795	8482083	0.71	cps
Calcium	44-1	136857728	137903553	137995557	137585613	0.46	cps
Chromium	52-2	1780953	1826204	1822395	1809851	1.39	cps
Cobalt	59-2	2836021	2846662	2832400	2838361	0.26	cps
Copper	63-2	3880536	3892655	3903420	3892204	0.29	cps
Dysprosium	156-1	167	258	167	197	26.84	cps
Dysprosium	156-2	140	133	137	137	2.44	cps
Erbium	164-1	42	50	67	53	24.12	cps
Erbium	164-2	47	30	30	36	27.07	cps
Gadolinium	160-1	183	167	175	175	4.76	cps
Gadolinium	160-2	237	293	250	260	11.40	cps
Holmium	165-1	16615751	16701339	16563733	16626941	0.42	cps
Holmium	165-2	8532211	8456388	8587225	8525275	0.77	cps
Indium	115-1	12644040	12618808	12702737	12655195	0.34	cps
Indium	115-2	2406646	2465220	2454808	2442225	1.28	cps
Iron	56-2	385282809	393405831	390306264	389664968	1.05	cps
Iron	57-2	9527639	9701838	9603305	9610928	0.91	cps
Lead	206-1	4821081	4750375	4741613	4771023	0.91	cps
Lead	207-1	4332720	4312641	4272297	4305886	0.71	cps
Lead	208-1	20214820	20077346	19890327	20060831	0.81	cps
Lithium	6-1	2594789	2564997	2613117	2590968	0.94	cps
Magnesium	24-2	68424991	67665366	69588941	68559766	1.41	cps
Manganese	55-2	2010534	2064564	2046386	2040495	1.35	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:07:16	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12665428	12733190	12777208	12725275	0.44	cps
Molybdenum	95-1	15561142	15568367	15529416	15552975	0.13	cps
Molybdenum	96-1	17098392	17195228	17125983	17139867	0.29	cps
Molybdenum	97-1	9621814	9639846	9664727	9642129	0.22	cps
Molybdenum	98-1	24892868	24964167	24994945	24950660	0.21	cps
Neodymium	150-1	587	587	473	549	11.92	cps
Neodymium	150-2	87	70	53	70	23.81	cps
Nickel	60-2	760385	753186	763420	758997	0.69	cps
Phosphorus	31-2	63260	63686	65704	64217	2.03	cps
Potassium	39-2	33802853	34334383	34854637	34330624	1.53	cps
Rhodium	103-1	11135097	11066442	11160797	11120779	0.44	cps
Rhodium	103-2	5310049	5328236	5381562	5339949	0.70	cps
Scandium	45-1	7232589	7254693	7271663	7252981	0.27	cps
Scandium	45-2	329307	333263	337456	333342	1.22	cps
Selenium	77-2	5078	4981	5204	5088	2.20	cps
Selenium	78-2	16396	16550	16971	16639	1.79	cps
Selenium	82-1	97009	97242	98457	97570	0.80	cps
Silicon	28-1	4311025	4369009	4420108	4366714	1.25	cps
Silver	109-1	7151551	7155571	7144573	7150565	0.08	cps
Silver	107-1	7532134	7516509	7606074	7551572	0.63	cps
Sodium	23-2	128406982	126889370	130785595	128693982	1.53	cps
Strontium	86-1	1872603	1881042	1874075	1875907	0.24	cps
Strontium	88-1	17228169	17190926	17322133	17247076	0.39	cps
Sulfur	34-1	968113	968993	968837	968648	0.05	cps
Terbium	159-1	17177233	17099992	17018621	17098615	0.46	cps
Terbium	159-2	8379269	8366549	8390155	8378658	0.14	cps
Thallium	203-1	6276630	6278946	6232395	6262657	0.42	cps
Thallium	205-1	15102901	15037298	15015642	15051947	0.30	cps
Tin	118-1	5229066	5208859	5224298	5220741	0.20	cps
Titanium	47-1	3737267	3747891	3779384	3754847	0.58	cps
Uranium	238-1	21473535	20988653	21118808	21193665	1.18	cps
Vanadium	51-2	1430972	1459949	1464371	1451764	1.25	cps
Yttrium	89-1	12866068	12930974	12946446	12914496	0.33	cps
Yttrium	89-2	1824754	1848113	1861949	1844939	1.02	cps
Zinc	66-2	557036	556949	562865	558950	0.61	cps
Zirconium	90-1	10573261	10575775	10581629	10576888	0.04	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:07:16	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2219969	2226306	2222327	2222867	0.14	cps

LB Number : LB96824 Operator : Jaswal
 Lab Sample ID : CCB02 Instrumnet Name : P7
 Client Sample ID : CCB02 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 16:18:03 DataFile Name : 034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	117	117	133	21.65	cps
Antimony	121-1	1083	1017	1042	1047	3.22	cps
Arsenic	75-2	4	17	13	11	60.13	cps
Barium	135-1	92	142	117	117	21.43	cps
Barium	137-1	192	217	300	236	24.02	cps
Beryllium	9-1	161	156	139	152	7.62	cps
Bismuth	209-1	11146508	11151498	11172855	11156954	0.13	cps
Bismuth	209-2	6645300	6753282	6863584	6754056	1.62	cps
Boron	10-1	2859	2867	2909	2878	0.93	cps
Boron	11-1	13848	13757	13565	13723	1.05	cps
Cadmium	111-1	2191	2095	2127	2138	2.29	cps
Cadmium	106-1	5368	5068	5218	5218	2.88	cps
Cadmium	108-1	21	4	21	15	62.96	cps
Calcium	43-1	575	592	542	569	4.47	cps
Calcium	44-1	12965	13073	13957	13332	4.08	cps
Chromium	52-2	487	450	490	476	4.67	cps
Cobalt	59-2	83	67	60	70	17.17	cps
Copper	63-2	2234	2254	2200	2229	1.21	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	17	33	25	25	33.34	cps
Erbium	164-2	30	23	20	24	20.83	cps
Gadolinium	160-1	58	100	142	100	41.67	cps
Gadolinium	160-2	250	260	243	251	3.34	cps
Holmium	165-1	16948926	17094024	16928535	16990495	0.53	cps
Holmium	165-2	8705552	8703909	8896684	8768715	1.26	cps
Indium	115-1	13834866	13842135	13685077	13787359	0.64	cps
Indium	115-2	2630883	2641806	2706389	2659693	1.53	cps
Iron	56-2	8425	8903	9225	8851	4.55	cps
Iron	57-2	339	461	522	441	21.18	cps
Lead	206-1	656	722	672	683	5.08	cps
Lead	207-1	578	556	572	569	2.03	cps
Lead	208-1	2756	2750	2767	2758	0.31	cps
Lithium	6-1	3087780	3116028	3090287	3098032	0.50	cps
Magnesium	24-2	767	725	733	742	2.97	cps
Manganese	55-2	97	97	80	91	10.56	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:18:03	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	700	667	750	706	5.94	cps
Molybdenum	95-1	575	458	442	492	14.78	cps
Molybdenum	96-1	658	575	633	622	6.87	cps
Molybdenum	97-1	400	283	300	328	19.25	cps
Molybdenum	98-1	867	867	733	822	9.36	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	70	50	93	71	30.50	cps
Phosphorus	31-2	433	433	567	478	16.11	cps
Potassium	39-2	37273	35184	36245	36234	2.88	cps
Rhodium	103-1	12538171	12624713	12517094	12559993	0.45	cps
Rhodium	103-2	5910454	5936277	6065346	5970692	1.39	cps
Scandium	45-1	7682965	7795145	7660561	7712890	0.93	cps
Scandium	45-2	341397	338483	351852	343911	2.04	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	89	107	89	95	11.25	cps
Selenium	82-1	-17	-62	50	-10	-578.36	cps
Silicon	28-1	474012	475423	468800	472745	0.74	cps
Silver	109-1	650	608	592	617	4.87	cps
Silver	107-1	642	808	767	739	11.74	cps
Sodium	23-2	16643	16084	16435	16387	1.72	cps
Strontium	86-1	858	825	975	886	8.89	cps
Strontium	88-1	367	375	283	342	14.84	cps
Sulfur	34-1	474290	471287	470202	471926	0.45	cps
Terbium	159-1	17513880	17871926	17577653	17654486	1.08	cps
Terbium	159-2	8581050	8604284	8826824	8670719	1.56	cps
Thallium	203-1	408	392	367	389	5.39	cps
Thallium	205-1	875	908	892	892	1.87	cps
Tin	118-1	1775	2017	1642	1811	10.50	cps
Titanium	47-1	158	158	208	175	16.50	cps
Uranium	238-1	192	217	167	192	13.05	cps
Vanadium	51-2	30	20	30	27	21.65	cps
Yttrium	89-1	13524798	13649146	13570408	13581451	0.46	cps
Yttrium	89-2	1896486	1905584	1957388	1919819	1.71	cps
Zinc	66-2	440	417	360	406	10.15	cps
Zirconium	90-1	1350	1442	1192	1328	9.53	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:18:03	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	350	367	258	325	17.95	cps

LB Number : LB96824 Operator : Jaswal
 Lab Sample ID : J4028-05 Instrumnet Name : P7
 Client Sample ID : KY030LC001-W-180716 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 16:21:36 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	458	383	425	422	8.90	cps
Antimony	121-1	92449	65781	49773	69334	31.09	cps
Arsenic	75-2	830	804	730	788	6.59	cps
Barium	135-1	166384	168307	168214	167635	0.65	cps
Barium	137-1	290582	292061	293678	292107	0.53	cps
Beryllium	9-1	94	167	111	124	30.48	cps
Bismuth	209-1	10311247	10380356	10385004	10358869	0.40	cps
Bismuth	209-2	6043976	5993136	5934813	5990642	0.91	cps
Boron	10-1	31634	32252	31901	31929	0.97	cps
Boron	11-1	156622	155719	158669	157003	0.96	cps
Cadmium	111-1	2042	2258	1881	2060	9.17	cps
Cadmium	106-1	4543	4976	4268	4595	7.77	cps
Cadmium	108-1	42	29	67	46	41.66	cps
Calcium	43-1	2103082	2086592	2069034	2086236	0.82	cps
Calcium	44-1	35790070	35740945	35372017	35634344	0.64	cps
Chromium	52-2	2860	2870	2834	2855	0.66	cps
Cobalt	59-2	770	630	733	711	10.21	cps
Copper	63-2	14020	14277	14230	14176	0.97	cps
Dysprosium	156-1	67	33	8	36	81.06	cps
Dysprosium	156-2	33	47	23	34	34.00	cps
Erbium	164-1	92	92	100	94	5.10	cps
Erbium	164-2	47	47	43	46	4.23	cps
Gadolinium	160-1	108	167	192	156	27.49	cps
Gadolinium	160-2	213	203	277	231	17.21	cps
Holmium	165-1	15381836	15566240	15755011	15567696	1.20	cps
Holmium	165-2	7802601	7725812	7743764	7757392	0.52	cps
Indium	115-1	12943620	12996156	13035878	12991884	0.36	cps
Indium	115-2	2368811	2356403	2350011	2358408	0.41	cps
Iron	56-2	37588	37771	37515	37625	0.35	cps
Iron	57-2	9192	9353	8753	9099	3.42	cps
Lead	206-1	2484	2295	2145	2308	7.36	cps
Lead	207-1	2006	2045	1950	2000	2.37	cps
Lead	208-1	9885	9274	8612	9257	6.88	cps
Lithium	6-1	3292287	3300940	3288885	3294037	0.19	cps
Magnesium	24-2	1172311	1166692	1157316	1165440	0.65	cps
Manganese	55-2	17360	16753	16793	16969	2.00	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-05	Instrumnet Name :	P7
Client Sample ID :	KY030LC001-W-180716	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:21:36	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5018	5051	5428	5166	4.41	cps
Molybdenum	95-1	6177	6393	5943	6171	3.65	cps
Molybdenum	96-1	7069	6810	6927	6935	1.87	cps
Molybdenum	97-1	4251	4009	4034	4098	3.24	cps
Molybdenum	98-1	10229	10446	10321	10332	1.05	cps
Neodymium	150-1	93	80	47	73	32.78	cps
Neodymium	150-2	17	7	13	12	41.65	cps
Nickel	60-2	2454	2590	2570	2538	2.91	cps
Phosphorus	31-2	842	833	842	839	0.57	cps
Potassium	39-2	881983	876313	863601	873966	1.08	cps
Rhodium	103-1	10720168	10738587	10776880	10745212	0.27	cps
Rhodium	103-2	5060695	5011581	5023938	5032072	0.51	cps
Scandium	45-1	6552565	6413630	6456403	6474199	1.10	cps
Scandium	45-2	265827	265623	264558	265336	0.26	cps
Selenium	77-2	20	47	13	27	66.16	cps
Selenium	78-2	96	102	74	91	16.20	cps
Selenium	82-1	154	225	215	198	19.31	cps
Silicon	28-1	41095510	40529107	40303769	40642795	1.00	cps
Silver	109-1	4393	4034	4209	4212	4.26	cps
Silver	107-1	4676	4309	4251	4412	5.22	cps
Sodium	23-2	7507869	7446471	7356836	7437059	1.02	cps
Strontium	86-1	954138	955598	961068	956935	0.38	cps
Strontium	88-1	8803313	8792721	8841263	8812432	0.29	cps
Sulfur	34-1	817830	809007	790630	805822	1.72	cps
Terbium	159-1	15901153	16014290	15853171	15922871	0.52	cps
Terbium	159-2	7627353	7647140	7575545	7616679	0.49	cps
Thallium	203-1	2334	1892	1859	2028	13.08	cps
Thallium	205-1	5893	5168	4176	5079	16.97	cps
Tin	118-1	18805	18889	18263	18652	1.82	cps
Titanium	47-1	1267	1392	1383	1347	5.19	cps
Uranium	238-1	24391	24683	24315	24463	0.79	cps
Vanadium	51-2	8406	8212	8439	8352	1.47	cps
Yttrium	89-1	11663133	11765584	11723083	11717267	0.44	cps
Yttrium	89-2	1577415	1571573	1569260	1572750	0.27	cps
Zinc	66-2	4788	4834	4921	4848	1.40	cps
Zirconium	90-1	3359	3125	3125	3203	4.21	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-05	Instrumnet Name :	P7
Client Sample ID :	KY030LC001-W-180716	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:21:36	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	658	708	600	656	8.27	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-06	Instrumnet Name :	P7
Client Sample ID :	KY030SP001-180716	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:25:09	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	350	250	283	294	17.29	cps
Antimony	121-1	28646	27094	24071	26604	8.75	cps
Arsenic	75-2	244	248	237	243	2.33	cps
Barium	135-1	192227	190946	191044	191406	0.37	cps
Barium	137-1	338385	332097	331527	334003	1.14	cps
Beryllium	9-1	106	122	111	113	7.51	cps
Bismuth	209-1	10323751	10250131	10321291	10298391	0.41	cps
Bismuth	209-2	6007520	5995430	5932788	5978579	0.67	cps
Boron	10-1	29513	30757	30749	30340	2.36	cps
Boron	11-1	146141	146488	145993	146207	0.17	cps
Cadmium	111-1	2061	1875	1724	1887	8.94	cps
Cadmium	106-1	4709	4051	3801	4187	11.21	cps
Cadmium	108-1	50	29	42	40	26.03	cps
Calcium	43-1	3195854	3171180	3182374	3183136	0.39	cps
Calcium	44-1	55141895	54717593	54669957	54843148	0.47	cps
Chromium	52-2	3490	3617	3360	3489	3.68	cps
Cobalt	59-2	563	623	600	596	5.08	cps
Copper	63-2	11692	11415	11551	11552	1.20	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	10	7	17	11	45.82	cps
Erbium	164-1	58	50	25	44	39.04	cps
Erbium	164-2	33	33	20	29	26.64	cps
Gadolinium	160-1	167	92	42	100	62.92	cps
Gadolinium	160-2	233	193	210	212	9.47	cps
Holmium	165-1	15627918	15442679	15520278	15530291	0.60	cps
Holmium	165-2	7831618	7880295	7709271	7807061	1.13	cps
Indium	115-1	12589495	12689282	12672736	12650504	0.42	cps
Indium	115-2	2304429	2320283	2284413	2303042	0.78	cps
Iron	56-2	51234	49551	50214	50333	1.68	cps
Iron	57-2	14268	13757	13912	13979	1.88	cps
Lead	206-1	2434	2484	2500	2473	1.40	cps
Lead	207-1	2200	2261	2239	2234	1.38	cps
Lead	208-1	9863	9757	9974	9865	1.10	cps
Lithium	6-1	2803459	2798462	2766580	2789501	0.72	cps
Magnesium	24-2	2027558	2025795	1993730	2015694	0.94	cps
Manganese	55-2	11365	11371	11144	11293	1.14	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-06	Instrumnet Name :	P7
Client Sample ID :	KY030SP001-180716	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:25:09	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3142	2959	2742	2948	6.79	cps
Molybdenum	95-1	3742	3709	4009	3820	4.31	cps
Molybdenum	96-1	4426	4401	4659	4495	3.17	cps
Molybdenum	97-1	2242	2484	2709	2478	9.42	cps
Molybdenum	98-1	6685	6802	6460	6649	2.61	cps
Neodymium	150-1	33	20	27	27	24.99	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	2147	2067	2154	2122	2.27	cps
Phosphorus	31-2	417	492	433	447	8.81	cps
Potassium	39-2	390951	384177	384361	386496	1.00	cps
Rhodium	103-1	10599916	10458909	10521703	10526843	0.67	cps
Rhodium	103-2	5034797	5056650	4956429	5015959	1.05	cps
Scandium	45-1	6349380	6307409	6263180	6306656	0.68	cps
Scandium	45-2	266659	263920	259171	263250	1.44	cps
Selenium	77-2	17	30	10	19	53.91	cps
Selenium	78-2	81	113	113	102	17.74	cps
Selenium	82-1	872	906	1031	936	8.93	cps
Silicon	28-1	52683651	52122011	51802031	52202564	0.85	cps
Silver	109-1	2550	2359	2567	2492	4.65	cps
Silver	107-1	2792	2967	2584	2781	6.90	cps
Sodium	23-2	7532492	7473693	7376015	7460733	1.06	cps
Strontium	86-1	2253050	2246118	2248840	2249336	0.16	cps
Strontium	88-1	21026681	20871355	20968321	20955452	0.37	cps
Sulfur	34-1	1112744	1094772	1088481	1098666	1.15	cps
Terbium	159-1	16078384	16007980	16110708	16065691	0.33	cps
Terbium	159-2	7722408	7726083	7547899	7665463	1.33	cps
Thallium	203-1	792	642	750	728	10.64	cps
Thallium	205-1	1834	1592	1517	1647	10.05	cps
Tin	118-1	14266	14158	14925	14450	2.87	cps
Titanium	47-1	1492	1250	1517	1420	10.38	cps
Uranium	238-1	45698	46234	47321	46417	1.78	cps
Vanadium	51-2	6585	6351	6341	6426	2.14	cps
Yttrium	89-1	11703029	11520122	11597051	11606734	0.79	cps
Yttrium	89-2	1570458	1577137	1546807	1564800	1.02	cps
Zinc	66-2	4848	4708	4611	4722	2.52	cps
Zirconium	90-1	2342	2300	2375	2339	1.61	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-06	Instrumnet Name :	P7
Client Sample ID :	KY030SP001-180716	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:25:09	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	492	400	442	444	10.33	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-07	Instrumnet Name :	P7
Client Sample ID :	KY030LC006-W-180716	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:28:42	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1158	1050	1142	1117	5.22	cps
Antimony	121-1	26985	25683	25215	25961	3.53	cps
Arsenic	75-2	822	769	843	811	4.72	cps
Barium	135-1	191367	188240	191688	190431	1.00	cps
Barium	137-1	335526	334527	333193	334415	0.35	cps
Beryllium	9-1	106	83	106	98	13.07	cps
Bismuth	209-1	10409170	10414104	10512761	10445345	0.56	cps
Bismuth	209-2	5985308	5988046	5947896	5973750	0.38	cps
Boron	10-1	35902	34073	35510	35161	2.74	cps
Boron	11-1	169592	169829	174008	171143	1.45	cps
Cadmium	111-1	1980	1837	1720	1845	7.05	cps
Cadmium	106-1	4743	4376	3992	4370	8.58	cps
Cadmium	108-1	25	25	21	24	10.20	cps
Calcium	43-1	2139034	2127056	2128222	2131437	0.31	cps
Calcium	44-1	36731998	36441388	36712324	36628570	0.44	cps
Chromium	52-2	2444	2560	2527	2510	2.39	cps
Cobalt	59-2	773	697	850	773	9.91	cps
Copper	63-2	12112	12429	12689	12410	2.33	cps
Dysprosium	156-1	125	150	142	139	9.16	cps
Dysprosium	156-2	67	80	67	71	10.82	cps
Erbium	164-1	167	125	167	153	15.75	cps
Erbium	164-2	87	67	77	77	13.04	cps
Gadolinium	160-1	242	225	192	219	11.60	cps
Gadolinium	160-2	277	167	173	206	30.00	cps
Holmium	165-1	15670720	15740711	15724261	15711897	0.23	cps
Holmium	165-2	7766872	7778642	7755371	7766961	0.15	cps
Indium	115-1	12543135	12591367	12686656	12607052	0.58	cps
Indium	115-2	2276818	2277197	2275976	2276664	0.03	cps
Iron	56-2	61412	67404	61240	63352	5.54	cps
Iron	57-2	10126	9837	9798	9920	1.81	cps
Lead	206-1	2634	2806	2706	2715	3.19	cps
Lead	207-1	2478	2489	2384	2450	2.37	cps
Lead	208-1	10863	11374	11158	11132	2.31	cps
Lithium	6-1	2705034	2705661	2713322	2708006	0.17	cps
Magnesium	24-2	1229925	1222729	1231137	1227930	0.37	cps
Manganese	55-2	23102	23105	22988	23065	0.29	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-07	Instrumnet Name :	P7
Client Sample ID :	KY030LC006-W-180716	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:28:42	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4668	4393	4443	4501	3.26	cps
Molybdenum	95-1	6593	6327	6460	6460	2.07	cps
Molybdenum	96-1	6735	7260	7136	7044	3.90	cps
Molybdenum	97-1	4318	3984	3876	4059	5.67	cps
Molybdenum	98-1	10621	10212	10821	10552	2.94	cps
Neodymium	150-1	160	113	140	138	16.99	cps
Neodymium	150-2	47	43	90	60	43.39	cps
Nickel	60-2	2517	2637	2357	2504	5.61	cps
Phosphorus	31-2	942	775	917	878	10.24	cps
Potassium	39-2	858047	856099	856939	857028	0.11	cps
Rhodium	103-1	10620490	10630956	10635306	10628918	0.07	cps
Rhodium	103-2	4972608	4978178	5012383	4987723	0.43	cps
Scandium	45-1	6304344	6247813	6295933	6282697	0.49	cps
Scandium	45-2	257589	259351	254828	257256	0.89	cps
Selenium	77-2	10	13	20	14	35.26	cps
Selenium	78-2	67	122	98	96	29.12	cps
Selenium	82-1	229	263	299	264	13.36	cps
Silicon	28-1	41659198	41855651	41432209	41649019	0.51	cps
Silver	109-1	2167	2359	2317	2281	4.42	cps
Silver	107-1	2200	2309	2575	2361	8.17	cps
Sodium	23-2	7814965	7770915	7760037	7781972	0.37	cps
Strontium	86-1	1016867	1009706	1014182	1013585	0.36	cps
Strontium	88-1	9434430	9373648	9378623	9395567	0.36	cps
Sulfur	34-1	772544	764630	757990	765055	0.95	cps
Terbium	159-1	16016608	16092866	16198549	16102674	0.57	cps
Terbium	159-2	7581378	7608033	7541726	7577046	0.44	cps
Thallium	203-1	500	475	450	475	5.26	cps
Thallium	205-1	1208	1300	1192	1233	4.73	cps
Tin	118-1	11939	11747	12648	12111	3.92	cps
Titanium	47-1	1575	1425	1775	1592	11.03	cps
Uranium	238-1	25601	25559	25467	25543	0.27	cps
Vanadium	51-2	8189	7982	7715	7962	2.98	cps
Yttrium	89-1	11667056	11655001	11555710	11625922	0.53	cps
Yttrium	89-2	1539797	1546310	1544140	1543416	0.21	cps
Zinc	66-2	3350	3444	3350	3382	1.59	cps
Zirconium	90-1	2609	2650	2659	2639	1.01	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-07	Instrumnet Name :	P7
Client Sample ID :	KY030LC006-W-180716	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:28:42	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	667	650	575	631	7.74	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-08	Instrumnet Name :	P7
Client Sample ID :	DUP-0488-180716	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:32:16	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	458	442	383	428	9.21	cps
Antimony	121-1	27302	24539	22794	24879	9.14	cps
Arsenic	75-2	746	832	806	794	5.50	cps
Barium	135-1	166790	170474	169252	168838	1.11	cps
Barium	137-1	290915	296619	296030	294521	1.07	cps
Beryllium	9-1	83	117	83	94	20.37	cps
Bismuth	209-1	10133564	10281824	10271212	10228867	0.81	cps
Bismuth	209-2	5768184	5816301	5760029	5781505	0.53	cps
Boron	10-1	29696	30406	30006	30036	1.18	cps
Boron	11-1	147429	148935	151235	149200	1.28	cps
Cadmium	111-1	1768	1752	1791	1770	1.09	cps
Cadmium	106-1	4051	4101	4251	4134	2.52	cps
Cadmium	108-1	21	13	38	24	53.92	cps
Calcium	43-1	1979333	2015433	1982461	1992409	1.00	cps
Calcium	44-1	34059738	34336241	34076987	34157656	0.45	cps
Chromium	52-2	2390	2400	2407	2399	0.35	cps
Cobalt	59-2	610	593	657	620	5.30	cps
Copper	63-2	14130	13400	13833	13788	2.67	cps
Dysprosium	156-1	50	92	58	67	33.07	cps
Dysprosium	156-2	37	30	23	30	22.23	cps
Erbium	164-1	100	125	75	100	25.00	cps
Erbium	164-2	30	30	50	37	31.49	cps
Gadolinium	160-1	150	175	175	167	8.66	cps
Gadolinium	160-2	173	297	180	217	32.01	cps
Holmium	165-1	15273209	15528440	15392547	15398065	0.83	cps
Holmium	165-2	7516422	7496845	7443294	7485520	0.51	cps
Indium	115-1	12170731	12418116	12312203	12300350	1.01	cps
Indium	115-2	2193119	2178567	2169956	2180547	0.54	cps
Iron	56-2	29753	28612	28807	29057	2.10	cps
Iron	57-2	8569	8631	7925	8375	4.67	cps
Lead	206-1	2022	1984	1906	1971	3.02	cps
Lead	207-1	1561	1622	1700	1628	4.28	cps
Lead	208-1	7584	8240	7340	7722	6.03	cps
Lithium	6-1	2563663	2600935	2583475	2582691	0.72	cps
Magnesium	24-2	1308981	1306998	1292141	1302707	0.71	cps
Manganese	55-2	17204	17204	17260	17222	0.19	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-08	Instrumnet Name :	P7
Client Sample ID :	DUP-0488-180716	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:32:16	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4017	4318	4067	4134	3.89	cps
Molybdenum	95-1	6560	6018	6352	6310	4.33	cps
Molybdenum	96-1	6543	6985	6677	6735	3.36	cps
Molybdenum	97-1	3726	3692	4034	3817	4.94	cps
Molybdenum	98-1	9754	10554	9470	9926	5.66	cps
Neodymium	150-1	13	47	60	40	60.10	cps
Neodymium	150-2	10	20	7	12	56.76	cps
Nickel	60-2	2034	2030	1964	2009	1.97	cps
Phosphorus	31-2	767	892	825	828	7.56	cps
Potassium	39-2	821301	822388	813972	819221	0.56	cps
Rhodium	103-1	10315891	10393511	10433692	10381031	0.58	cps
Rhodium	103-2	4856161	4830679	4442260	4709700	4.93	cps
Scandium	45-1	6085925	6092926	6043697	6074182	0.44	cps
Scandium	45-2	247126	247096	244102	246108	0.71	cps
Selenium	77-2	17	23	23	21	18.21	cps
Selenium	78-2	122	102	76	100	23.20	cps
Selenium	82-1	82	229	258	189	49.67	cps
Silicon	28-1	38589793	39335545	38901241	38942193	0.96	cps
Silver	109-1	2025	1992	1917	1978	2.81	cps
Silver	107-1	1859	2242	1984	2028	9.64	cps
Sodium	23-2	6944594	6919646	6870932	6911724	0.54	cps
Strontium	86-1	1173776	1193980	1189161	1185639	0.89	cps
Strontium	88-1	10885851	11064828	10992508	10981062	0.82	cps
Sulfur	34-1	791593	795921	789094	792203	0.44	cps
Terbium	159-1	15659190	15916464	15987065	15854240	1.09	cps
Terbium	159-2	7404908	7385565	7294437	7361637	0.80	cps
Thallium	203-1	425	575	358	453	24.51	cps
Thallium	205-1	1133	1125	1025	1095	5.51	cps
Tin	118-1	11497	12106	12431	12011	3.95	cps
Titanium	47-1	1267	1192	1100	1186	7.04	cps
Uranium	238-1	25685	26002	25585	25757	0.85	cps
Vanadium	51-2	9163	8960	8869	8997	1.67	cps
Yttrium	89-1	11189373	11313563	11302088	11268341	0.61	cps
Yttrium	89-2	1491909	1486531	1471060	1483167	0.73	cps
Zinc	66-2	2744	2667	2580	2664	3.07	cps
Zirconium	90-1	2409	2167	1992	2189	9.56	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4028-08	Instrumnet Name :	P7
Client Sample ID :	DUP-0488-180716	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:32:16	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	525	433	433	464	11.41	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4050-01	Instrumnet Name :	P7
Client Sample ID :	KY030SW001-180717	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:35:50	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	667	800	633	700	12.60	cps
Antimony	121-1	26317	24238	23370	24642	6.15	cps
Arsenic	75-2	950	959	907	939	2.95	cps
Barium	135-1	258496	250953	252867	254105	1.54	cps
Barium	137-1	444828	435907	444505	441747	1.15	cps
Beryllium	9-1	94	133	139	122	19.81	cps
Bismuth	209-1	10373454	10455924	10493560	10440980	0.59	cps
Bismuth	209-2	5777187	5804955	5823202	5801781	0.40	cps
Boron	10-1	99259	98035	100290	99195	1.14	cps
Boron	11-1	481413	484609	484192	483405	0.36	cps
Cadmium	111-1	1837	1708	1850	1798	4.36	cps
Cadmium	106-1	4368	4151	4409	4309	3.22	cps
Cadmium	108-1	21	21	25	22	10.84	cps
Calcium	43-1	1777181	1768017	1767651	1770950	0.30	cps
Calcium	44-1	30570370	30378490	30502485	30483782	0.32	cps
Chromium	52-2	2907	2764	2877	2849	2.65	cps
Cobalt	59-2	657	733	790	727	9.21	cps
Copper	63-2	15719	15865	16493	16026	2.57	cps
Dysprosium	156-1	17	42	8	22	78.07	cps
Dysprosium	156-2	13	7	10	10	33.30	cps
Erbium	164-1	58	92	83	78	22.30	cps
Erbium	164-2	20	10	23	18	39.03	cps
Gadolinium	160-1	117	50	117	94	40.76	cps
Gadolinium	160-2	240	193	183	206	14.71	cps
Holmium	165-1	15641478	15774426	15773278	15729728	0.49	cps
Holmium	165-2	7573210	7592409	7677447	7614355	0.73	cps
Indium	115-1	12327384	12322735	12370891	12340337	0.22	cps
Indium	115-2	2176151	2180784	2194320	2183752	0.43	cps
Iron	56-2	14040	12817	14068	13642	5.24	cps
Iron	57-2	7374	7185	7035	7198	2.36	cps
Lead	206-1	1617	1345	1522	1495	9.25	cps
Lead	207-1	1328	1361	1389	1359	2.25	cps
Lead	208-1	6317	6140	6429	6295	2.32	cps
Lithium	6-1	2565222	2588646	2574106	2575991	0.46	cps
Magnesium	24-2	2244383	2228683	2269417	2247495	0.91	cps
Manganese	55-2	3124	2884	3074	3027	4.18	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4050-01	Instrumnet Name :	P7
Client Sample ID :	KY030SW001-180717	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:35:50	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4109	3667	3867	3881	5.70	cps
Molybdenum	95-1	6343	6010	5743	6032	4.99	cps
Molybdenum	96-1	7169	6335	6277	6593	7.57	cps
Molybdenum	97-1	4001	3917	3926	3948	1.16	cps
Molybdenum	98-1	10054	9962	10012	10009	0.46	cps
Neodymium	150-1	0	47	27	24	95.78	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	4501	4541	4607	4550	1.18	cps
Phosphorus	31-2	308	450	375	378	18.76	cps
Potassium	39-2	844087	845705	852029	847274	0.50	cps
Rhodium	103-1	10489675	10306648	10450773	10415699	0.93	cps
Rhodium	103-2	4815895	4811839	4861556	4829763	0.57	cps
Scandium	45-1	6149637	6137395	6173401	6153478	0.30	cps
Scandium	45-2	247144	243492	248696	246444	1.08	cps
Selenium	77-2	27	23	37	29	24.03	cps
Selenium	78-2	113	144	104	120	17.74	cps
Selenium	82-1	615	607	469	563	14.60	cps
Silicon	28-1	65006604	65109247	64315876	64810576	0.67	cps
Silver	109-1	1900	1750	1725	1792	5.28	cps
Silver	107-1	2117	1867	1800	1928	8.66	cps
Sodium	23-2	32105403	32196386	32579954	32293914	0.78	cps
Strontium	86-1	1278269	1289525	1264346	1277380	0.99	cps
Strontium	88-1	11789717	11805623	11852545	11815962	0.28	cps
Sulfur	34-1	1410928	1406590	1390156	1402558	0.78	cps
Terbium	159-1	16118918	16268416	16318363	16235232	0.64	cps
Terbium	159-2	7446583	7442542	7525800	7471642	0.63	cps
Thallium	203-1	483	442	458	461	4.55	cps
Thallium	205-1	1117	958	983	1020	8.35	cps
Tin	118-1	17979	18271	18004	18085	0.89	cps
Titanium	47-1	1408	1584	1600	1531	6.94	cps
Uranium	238-1	40272	41317	40498	40695	1.35	cps
Vanadium	51-2	12055	11858	11882	11932	0.90	cps
Yttrium	89-1	11460812	11428147	11489566	11459508	0.27	cps
Yttrium	89-2	1494220	1490889	1513224	1499444	0.80	cps
Zinc	66-2	2814	2850	2900	2855	1.52	cps
Zirconium	90-1	1442	1508	1750	1567	10.36	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4050-01	Instrumnet Name :	P7
Client Sample ID :	KY030SW001-180717	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:35:50	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	317	325	308	317	2.63	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4050-02	Instrumnet Name :	P7
Client Sample ID :	KY030SP011-180717	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:39:24	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	242	217	292	250	15.27	cps
Antimony	121-1	25065	23896	22669	23877	5.02	cps
Arsenic	75-2	407	374	387	390	4.31	cps
Barium	135-1	195744	195583	194795	195374	0.26	cps
Barium	137-1	343362	344775	336786	341641	1.25	cps
Beryllium	9-1	67	100	67	78	24.74	cps
Bismuth	209-1	10396675	10471756	10357687	10408706	0.56	cps
Bismuth	209-2	5790219	5742308	5861903	5798143	1.04	cps
Boron	10-1	63643	62095	64312	63350	1.80	cps
Boron	11-1	309874	313269	310383	311176	0.59	cps
Cadmium	111-1	1579	1671	1704	1652	3.93	cps
Cadmium	106-1	3859	4009	4176	4015	3.95	cps
Cadmium	108-1	21	17	17	18	13.30	cps
Calcium	43-1	3032391	3016863	2996655	3015303	0.59	cps
Calcium	44-1	52069258	52270649	51669825	52003244	0.59	cps
Chromium	52-2	7692	7755	7655	7701	0.66	cps
Cobalt	59-2	383	447	463	431	9.79	cps
Copper	63-2	15669	15652	15825	15715	0.61	cps
Dysprosium	156-1	42	8	33	28	62.46	cps
Dysprosium	156-2	13	17	10	13	25.01	cps
Erbium	164-1	58	33	50	47	26.97	cps
Erbium	164-2	23	37	40	33	26.47	cps
Gadolinium	160-1	75	50	150	92	56.78	cps
Gadolinium	160-2	193	180	213	196	8.58	cps
Holmium	165-1	15723049	15815622	15675552	15738074	0.45	cps
Holmium	165-2	7536744	7504857	7610461	7550687	0.72	cps
Indium	115-1	12337890	12375885	12250924	12321566	0.52	cps
Indium	115-2	2139750	2152455	2166334	2152846	0.62	cps
Iron	56-2	12678	12450	12661	12596	1.01	cps
Iron	57-2	11855	11905	11783	11848	0.52	cps
Lead	206-1	1389	1606	1478	1491	7.31	cps
Lead	207-1	1272	1300	1395	1322	4.85	cps
Lead	208-1	5701	6134	5828	5888	3.78	cps
Lithium	6-1	2514087	2520598	2533647	2522777	0.39	cps
Magnesium	24-2	1494093	1492281	1509298	1498557	0.62	cps
Manganese	55-2	7389	7225	7369	7327	1.22	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4050-02	Instrumnet Name :	P7
Client Sample ID :	KY030SP011-180717	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:39:24	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2684	2917	2800	2800	4.17	cps
Molybdenum	95-1	3726	3951	3984	3887	3.62	cps
Molybdenum	96-1	4434	4551	4418	4468	1.63	cps
Molybdenum	97-1	2225	2467	2617	2436	8.11	cps
Molybdenum	98-1	6785	6185	6652	6541	4.82	cps
Neodymium	150-1	47	27	40	38	26.95	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	1130	1057	1234	1140	7.79	cps
Phosphorus	31-2	575	308	450	444	30.02	cps
Potassium	39-2	459699	458445	465471	461205	0.81	cps
Rhodium	103-1	10340398	10396133	10278695	10338409	0.57	cps
Rhodium	103-2	4796298	4398228	4472770	4555765	4.65	cps
Scandium	45-1	6108557	6080723	6042252	6077178	0.55	cps
Scandium	45-2	240962	239587	242851	241133	0.68	cps
Selenium	77-2	17	30	50	32	52.06	cps
Selenium	78-2	135	109	117	120	11.10	cps
Selenium	82-1	535	482	567	528	8.15	cps
Silicon	28-1	57165683	57969280	56584887	57239950	1.21	cps
Silver	109-1	1600	1942	1725	1756	9.85	cps
Silver	107-1	1767	1800	1992	1853	6.55	cps
Sodium	23-2	17760836	17537198	17808504	17702179	0.82	cps
Strontium	86-1	1419589	1425727	1419570	1421629	0.25	cps
Strontium	88-1	13157510	13312040	13209105	13226218	0.59	cps
Sulfur	34-1	1005942	998845	988520	997769	0.88	cps
Terbium	159-1	16046884	16280424	16105702	16144337	0.75	cps
Terbium	159-2	7377538	7333454	7485038	7398677	1.05	cps
Thallium	203-1	450	400	342	397	13.65	cps
Thallium	205-1	950	917	950	939	2.05	cps
Tin	118-1	15109	15384	15017	15170	1.26	cps
Titanium	47-1	1542	1350	1642	1511	9.81	cps
Uranium	238-1	64604	62954	64210	63922	1.35	cps
Vanadium	51-2	10310	10070	10040	10140	1.46	cps
Yttrium	89-1	11301290	11430663	11282387	11338113	0.71	cps
Yttrium	89-2	1476628	1464839	1483962	1475143	0.65	cps
Zinc	66-2	2960	3067	2987	3005	1.85	cps
Zirconium	90-1	1692	1533	1692	1639	5.58	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4050-02	Instrumnet Name :	P7
Client Sample ID :	KY030SP011-180717	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:39:24	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	408	317	292	339	18.13	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4050-03	Instrumnet Name :	P7
Client Sample ID :	KY030SP003-180717	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:42:57	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	275	283	261	12.08	cps
Antimony	121-1	24639	23011	22002	23217	5.73	cps
Arsenic	75-2	276	357	298	310	13.57	cps
Barium	135-1	197886	202826	203290	201334	1.49	cps
Barium	137-1	355257	362184	360612	359351	1.01	cps
Beryllium	9-1	78	72	78	76	4.23	cps
Bismuth	209-1	10402884	10477217	10493408	10457836	0.46	cps
Bismuth	209-2	5843085	5837029	5902405	5860840	0.62	cps
Boron	10-1	43773	44073	43272	43706	0.93	cps
Boron	11-1	211553	211741	206647	209981	1.38	cps
Cadmium	111-1	1862	1654	1655	1724	6.94	cps
Cadmium	106-1	4584	4026	4042	4217	7.53	cps
Cadmium	108-1	25	8	17	17	50.01	cps
Calcium	43-1	3000455	2978134	2971757	2983449	0.51	cps
Calcium	44-1	51498945	51496465	51506490	51500633	0.01	cps
Chromium	52-2	7956	8019	8229	8068	1.77	cps
Cobalt	59-2	333	323	377	344	8.23	cps
Copper	63-2	13293	13667	13450	13470	1.39	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	13	3	13	10	57.75	cps
Erbium	164-1	42	33	50	42	20.00	cps
Erbium	164-2	20	20	27	22	17.33	cps
Gadolinium	160-1	83	125	117	108	20.35	cps
Gadolinium	160-2	130	157	243	177	33.54	cps
Holmium	165-1	15630521	15729024	15689614	15683053	0.32	cps
Holmium	165-2	7575423	7561866	7717974	7618421	1.14	cps
Indium	115-1	12138796	12244325	12223087	12202069	0.46	cps
Indium	115-2	2140441	2141966	2176887	2153098	0.96	cps
Iron	56-2	20370	20248	20476	20365	0.56	cps
Iron	57-2	11733	11182	11933	11616	3.35	cps
Lead	206-1	1450	1711	1489	1550	9.09	cps
Lead	207-1	1483	1350	1439	1424	4.77	cps
Lead	208-1	6390	6479	6679	6516	2.27	cps
Lithium	6-1	2492394	2487410	2504742	2494849	0.36	cps
Magnesium	24-2	1606600	1615961	1639215	1620592	1.04	cps
Manganese	55-2	6035	6131	6145	6104	0.98	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4050-03	Instrumnet Name :	P7
Client Sample ID :	KY030SP003-180717	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:42:57	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3376	3367	3351	3364	0.38	cps
Molybdenum	95-1	4984	4976	5126	5029	1.68	cps
Molybdenum	96-1	5226	5135	5351	5237	2.08	cps
Molybdenum	97-1	2975	3301	3334	3203	6.18	cps
Molybdenum	98-1	8336	8436	7878	8217	3.62	cps
Neodymium	150-1	47	47	27	40	28.87	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	590	603	603	599	1.29	cps
Phosphorus	31-2	358	308	483	383	23.51	cps
Potassium	39-2	414794	414930	418047	415924	0.44	cps
Rhodium	103-1	10208305	10324744	10356968	10296672	0.76	cps
Rhodium	103-2	4758906	4420688	4850688	4676760	4.84	cps
Scandium	45-1	5986069	5974521	5959342	5973311	0.22	cps
Scandium	45-2	236152	237441	241394	238329	1.15	cps
Selenium	77-2	17	20	43	27	54.47	cps
Selenium	78-2	98	91	133	107	21.19	cps
Selenium	82-1	247	352	290	297	17.89	cps
Silicon	28-1	60280545	60034668	59714122	60009778	0.47	cps
Silver	109-1	1967	1558	1650	1725	12.42	cps
Silver	107-1	1800	1667	1700	1722	4.03	cps
Sodium	23-2	9572104	9568761	9673919	9604928	0.62	cps
Strontium	86-1	1542279	1551455	1543536	1545757	0.32	cps
Strontium	88-1	14401401	14531817	14508752	14480657	0.48	cps
Sulfur	34-1	677169	669114	664971	670418	0.93	cps
Terbium	159-1	16022780	16166021	16088558	16092453	0.45	cps
Terbium	159-2	7439993	7414249	7550117	7468120	0.97	cps
Thallium	203-1	350	367	208	308	28.22	cps
Thallium	205-1	708	717	642	689	5.97	cps
Tin	118-1	11572	11505	11972	11683	2.16	cps
Titanium	47-1	1383	1442	1508	1445	4.33	cps
Uranium	238-1	72680	73416	73750	73282	0.75	cps
Vanadium	51-2	7849	8536	8306	8230	4.25	cps
Yttrium	89-1	11189862	11284969	11242030	11238953	0.42	cps
Yttrium	89-2	1460529	1456985	1482186	1466567	0.93	cps
Zinc	66-2	2364	2267	2434	2355	3.55	cps
Zirconium	90-1	1709	1475	1392	1525	10.77	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4050-03	Instrumnet Name :	P7
Client Sample ID :	KY030SP003-180717	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:42:57	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	433	383	258	358	25.15	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4050-04	Instrumnet Name :	P7
Client Sample ID :	KY0300F001-180717	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:46:31	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	242	250	150	214	25.94	cps
Antimony	121-1	24898	23629	22218	23582	5.68	cps
Arsenic	75-2	376	380	406	387	4.17	cps
Barium	135-1	387939	387054	381690	385561	0.88	cps
Barium	137-1	675497	675765	668378	673214	0.62	cps
Beryllium	9-1	67	94	67	76	21.12	cps
Bismuth	209-1	10302242	10337289	10395544	10345025	0.46	cps
Bismuth	209-2	5780078	5786355	5815949	5794127	0.33	cps
Boron	10-1	66028	67552	66187	66589	1.26	cps
Boron	11-1	326119	325427	325052	325532	0.17	cps
Cadmium	111-1	2285	2212	2358	2285	3.18	cps
Cadmium	106-1	4476	4268	4401	4381	2.41	cps
Cadmium	108-1	79	88	33	67	43.75	cps
Calcium	43-1	3989959	3988651	3953748	3977453	0.52	cps
Calcium	44-1	64489189	64161245	64295516	64315317	0.26	cps
Chromium	52-2	10774	11588	10868	11077	4.02	cps
Cobalt	59-2	4744	4604	4934	4761	3.48	cps
Copper	63-2	24297	24691	24234	24407	1.02	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	27	13	17	19	36.75	cps
Erbium	164-1	92	117	92	100	14.43	cps
Erbium	164-2	47	83	67	66	28.01	cps
Gadolinium	160-1	92	142	125	119	21.31	cps
Gadolinium	160-2	197	247	203	216	12.59	cps
Holmium	165-1	15567688	15812336	15751396	15710473	0.81	cps
Holmium	165-2	7661966	7647468	7643252	7650895	0.13	cps
Indium	115-1	12018642	12102063	12031007	12050571	0.37	cps
Indium	115-2	2133546	2148964	2137756	2140089	0.37	cps
Iron	56-2	28645	28311	27604	28187	1.89	cps
Iron	57-2	14580	14752	14380	14571	1.28	cps
Lead	206-1	1545	1695	1617	1619	4.64	cps
Lead	207-1	1500	1467	1539	1502	2.41	cps
Lead	208-1	6568	6662	6784	6671	1.63	cps
Lithium	6-1	2460280	2468410	2428082	2452257	0.87	cps
Magnesium	24-2	3290344	3300247	3266372	3285654	0.53	cps
Manganese	55-2	165347	165721	162552	164540	1.05	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4050-04	Instrumnet Name :	P7
Client Sample ID :	KY030OF001-180717	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:46:31	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	18805	19147	18337	18763	2.17	cps
Molybdenum	95-1	31411	31670	31335	31472	0.56	cps
Molybdenum	96-1	34292	34133	33950	34125	0.50	cps
Molybdenum	97-1	19823	19289	20440	19851	2.90	cps
Molybdenum	98-1	51268	50942	52188	51466	1.26	cps
Neodymium	150-1	67	53	40	53	25.00	cps
Neodymium	150-2	13	10	17	13	25.01	cps
Nickel	60-2	17547	17297	17244	17363	0.93	cps
Phosphorus	31-2	367	333	425	375	12.37	cps
Potassium	39-2	724756	729323	720397	724826	0.62	cps
Rhodium	103-1	10122986	10119722	10136245	10126318	0.09	cps
Rhodium	103-2	4401999	4403467	4413084	4406183	0.14	cps
Scandium	45-1	5952879	5951364	5956150	5953464	0.04	cps
Scandium	45-2	236876	238701	238030	237869	0.39	cps
Selenium	77-2	23	30	40	31	26.97	cps
Selenium	78-2	80	111	80	90	20.17	cps
Selenium	82-1	366	334	378	360	6.32	cps
Silicon	28-1	52038014	51636165	51428723	51700967	0.60	cps
Silver	109-1	1667	1433	1617	1572	7.81	cps
Silver	107-1	1417	1634	1792	1614	11.67	cps
Sodium	23-2	22187711	22274671	22057662	22173348	0.49	cps
Strontium	86-1	2745526	2738646	2728008	2737393	0.32	cps
Strontium	88-1	25609443	25736005	25694134	25679861	0.25	cps
Sulfur	34-1	2073523	2081580	2061589	2072231	0.49	cps
Terbium	159-1	16029581	16064987	16109319	16067962	0.25	cps
Terbium	159-2	7533383	7506796	7561276	7533818	0.36	cps
Thallium	203-1	775	917	967	886	11.22	cps
Thallium	205-1	2000	1692	1959	1884	8.88	cps
Tin	118-1	24481	23604	23412	23832	2.39	cps
Titanium	47-1	1433	1433	1333	1400	4.12	cps
Uranium	238-1	89096	89919	90557	89858	0.82	cps
Vanadium	51-2	7375	7382	7292	7350	0.68	cps
Yttrium	89-1	11176003	11145179	11213969	11178383	0.31	cps
Yttrium	89-2	1466324	1467089	1472622	1468678	0.23	cps
Zinc	66-2	4688	4728	4637	4684	0.96	cps
Zirconium	90-1	2200	2025	2084	2103	4.24	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4050-04	Instrumnet Name :	P7
Client Sample ID :	KY030OF001-180717	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:46:31	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	375	450	542	456	18.32	cps

LB Number : LB96824 Operator : Jaswal
 Lab Sample ID : J4069-01 Instrumnet Name : P7
 Client Sample ID : KY030LC011-W-180718 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 16:50:05 DataFile Name : 043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	283	375	242	300	22.74	cps
Antimony	121-1	26375	24489	23663	24842	5.60	cps
Arsenic	75-2	689	744	707	714	3.96	cps
Barium	135-1	162902	162700	161783	162461	0.37	cps
Barium	137-1	285931	287597	283732	285754	0.68	cps
Beryllium	9-1	89	56	72	72	23.07	cps
Bismuth	209-1	10473548	10552995	10598170	10541571	0.60	cps
Bismuth	209-2	5858589	5811553	5838193	5836112	0.40	cps
Boron	10-1	31467	31609	33045	32040	2.73	cps
Boron	11-1	156193	157808	157748	157250	0.58	cps
Cadmium	111-1	1781	1835	1790	1802	1.62	cps
Cadmium	106-1	4401	4476	4434	4437	0.85	cps
Cadmium	108-1	13	25	13	17	43.30	cps
Calcium	43-1	1979986	1992187	1984259	1985477	0.31	cps
Calcium	44-1	34367192	34266160	34081522	34238291	0.42	cps
Chromium	52-2	1990	1987	1883	1953	3.11	cps
Cobalt	59-2	463	530	537	510	7.95	cps
Copper	63-2	12399	12322	12762	12494	1.88	cps
Dysprosium	156-1	58	58	42	53	18.23	cps
Dysprosium	156-2	27	27	17	23	24.74	cps
Erbium	164-1	50	58	58	56	8.67	cps
Erbium	164-2	43	60	47	50	17.64	cps
Gadolinium	160-1	67	158	200	142	48.15	cps
Gadolinium	160-2	200	163	217	193	14.11	cps
Holmium	165-1	15528507	15777299	15596686	15634164	0.82	cps
Holmium	165-2	7630993	7518755	7467716	7539155	1.11	cps
Indium	115-1	11922921	12069662	12022114	12004899	0.62	cps
Indium	115-2	2128306	2107404	2097812	2111174	0.74	cps
Iron	56-2	29135	28662	27816	28537	2.34	cps
Iron	57-2	8325	7969	8186	8160	2.20	cps
Lead	206-1	1661	1795	1500	1652	8.93	cps
Lead	207-1	1356	1278	1278	1304	3.44	cps
Lead	208-1	6506	6384	6162	6351	2.75	cps
Lithium	6-1	2377528	2405843	2384580	2389317	0.62	cps
Magnesium	24-2	1125072	1101133	1110392	1112199	1.09	cps
Manganese	55-2	11685	11391	11588	11555	1.29	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4069-01	Instrumnet Name :	P7
Client Sample ID :	KY030LC011-W-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:50:05	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3751	3559	3917	3742	4.79	cps
Molybdenum	95-1	5718	5626	5493	5612	2.02	cps
Molybdenum	96-1	5860	5676	5851	5796	1.79	cps
Molybdenum	97-1	3401	3442	3401	3414	0.70	cps
Molybdenum	98-1	8670	8903	9228	8934	3.14	cps
Neodymium	150-1	40	40	27	36	21.64	cps
Neodymium	150-2	10	17	7	11	45.82	cps
Nickel	60-2	1547	1537	1540	1541	0.33	cps
Phosphorus	31-2	750	475	708	644	23.00	cps
Potassium	39-2	751960	744370	741586	745972	0.72	cps
Rhodium	103-1	10215450	10219359	10234168	10222993	0.10	cps
Rhodium	103-2	4428602	4363484	4370754	4387613	0.81	cps
Scandium	45-1	5848680	5877727	5805511	5843973	0.62	cps
Scandium	45-2	235262	230992	227586	231280	1.66	cps
Selenium	77-2	30	10	10	17	69.28	cps
Selenium	78-2	81	70	54	69	20.41	cps
Selenium	82-1	157	180	79	139	38.39	cps
Silicon	28-1	37440363	37175677	37030758	37215599	0.56	cps
Silver	109-1	1475	1383	1433	1431	3.21	cps
Silver	107-1	1550	1617	1992	1720	13.85	cps
Sodium	23-2	6905023	6837724	6866063	6869603	0.49	cps
Strontium	86-1	979740	990512	978754	983002	0.66	cps
Strontium	88-1	9130093	9219241	9209770	9186368	0.53	cps
Sulfur	34-1	743710	734843	732859	737138	0.78	cps
Terbium	159-1	15921836	15977408	15931781	15943675	0.19	cps
Terbium	159-2	7447164	7398250	7378268	7407894	0.48	cps
Thallium	203-1	267	217	208	231	13.68	cps
Thallium	205-1	817	583	600	667	19.53	cps
Tin	118-1	10821	11730	11630	11394	4.38	cps
Titanium	47-1	1050	1233	1367	1217	13.07	cps
Uranium	238-1	26912	27497	27213	27207	1.07	cps
Vanadium	51-2	7319	7625	7152	7365	3.26	cps
Yttrium	89-1	11018254	11090032	11139984	11082757	0.55	cps
Yttrium	89-2	1441969	1426253	1421542	1429922	0.75	cps
Zinc	66-2	3987	3724	3607	3773	5.16	cps
Zirconium	90-1	1750	1875	1742	1789	4.18	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4069-01	Instrumnet Name :	P7
Client Sample ID :	KY030LC011-W-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:50:05	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	483	458	458	467	3.09	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4069-02	Instrumnet Name :	P7
Client Sample ID :	KY0300F003-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:53:38	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	575	442	408	475	18.57	cps
Antimony	121-1	22202	22853	22210	22421	1.67	cps
Arsenic	75-2	313	293	317	307	4.22	cps
Barium	135-1	151417	151373	151248	151346	0.06	cps
Barium	137-1	265117	263607	264235	264320	0.29	cps
Beryllium	9-1	89	150	50	96	52.35	cps
Bismuth	209-1	10336988	10303859	10342560	10327802	0.20	cps
Bismuth	209-2	5769648	5761766	5712549	5747987	0.54	cps
Boron	10-1	44667	42577	42870	43372	2.61	cps
Boron	11-1	216623	217824	214637	216362	0.74	cps
Cadmium	111-1	1750	1823	1632	1735	5.57	cps
Cadmium	106-1	4176	4284	3867	4109	5.26	cps
Cadmium	108-1	29	17	4	17	74.99	cps
Calcium	43-1	2243819	2240754	2236909	2240494	0.15	cps
Calcium	44-1	38822768	38939002	38930146	38897305	0.17	cps
Chromium	52-2	4007	4221	3921	4050	3.81	cps
Cobalt	59-2	393	370	410	391	5.14	cps
Copper	63-2	10457	10604	10627	10563	0.87	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	50	50	50	50	0.00	cps
Erbium	164-2	33	20	23	26	27.15	cps
Gadolinium	160-1	100	75	150	108	35.25	cps
Gadolinium	160-2	223	180	220	208	11.61	cps
Holmium	165-1	15309787	15387147	15366584	15354506	0.26	cps
Holmium	165-2	7493646	7455643	7431878	7460389	0.42	cps
Indium	115-1	11527753	11724968	11777809	11676843	1.13	cps
Indium	115-2	2065056	2075282	2053864	2064734	0.52	cps
Iron	56-2	9915	9881	10265	10020	2.12	cps
Iron	57-2	8592	8203	9092	8629	5.17	cps
Lead	206-1	1245	1222	1422	1296	8.46	cps
Lead	207-1	1083	1061	1200	1115	6.69	cps
Lead	208-1	4784	5078	5139	5001	3.80	cps
Lithium	6-1	2376642	2354760	2369228	2366877	0.47	cps
Magnesium	24-2	1373057	1374284	1371368	1372903	0.11	cps
Manganese	55-2	1387	1350	1313	1350	2.72	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4069-02	Instrumnet Name :	P7
Client Sample ID :	KY0300F003-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:53:38	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4142	3759	3984	3962	4.86	cps
Molybdenum	95-1	6010	6068	5985	6021	0.71	cps
Molybdenum	96-1	6293	5901	6118	6104	3.22	cps
Molybdenum	97-1	3567	3784	3617	3656	3.10	cps
Molybdenum	98-1	8711	9587	9203	9167	4.79	cps
Neodymium	150-1	20	20	53	31	61.87	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	660	677	807	714	11.24	cps
Phosphorus	31-2	400	300	250	317	24.12	cps
Potassium	39-2	349645	347716	349038	348800	0.28	cps
Rhodium	103-1	9825355	9873521	9940668	9879848	0.59	cps
Rhodium	103-2	4316102	4297881	4278518	4297501	0.44	cps
Scandium	45-1	5747610	5717306	5760916	5741944	0.39	cps
Scandium	45-2	227076	226761	226437	226758	0.14	cps
Selenium	77-2	27	23	27	26	7.55	cps
Selenium	78-2	98	109	70	93	21.63	cps
Selenium	82-1	439	404	441	428	4.89	cps
Silicon	28-1	53271642	53394287	52897936	53187955	0.49	cps
Silver	109-1	1208	1333	1442	1328	8.79	cps
Silver	107-1	1575	1584	1617	1592	1.38	cps
Sodium	23-2	13668385	13713001	13574779	13652055	0.52	cps
Strontium	86-1	1167319	1151056	1164412	1160929	0.75	cps
Strontium	88-1	10801189	10754206	10933045	10829480	0.86	cps
Sulfur	34-1	701516	695240	690760	695839	0.78	cps
Terbium	159-1	15669580	15705441	15757990	15711004	0.28	cps
Terbium	159-2	7345121	7319276	7349730	7338042	0.22	cps
Thallium	203-1	217	258	242	239	8.78	cps
Thallium	205-1	700	717	475	631	21.41	cps
Tin	118-1	12298	12389	13290	12659	4.33	cps
Titanium	47-1	1292	1225	1267	1261	2.67	cps
Uranium	238-1	50132	48868	49789	49596	1.32	cps
Vanadium	51-2	8886	8913	8856	8885	0.32	cps
Yttrium	89-1	10838652	10777597	10844455	10820234	0.34	cps
Yttrium	89-2	1411358	1407347	1399986	1406230	0.41	cps
Zinc	66-2	1910	1763	1813	1829	4.08	cps
Zirconium	90-1	1308	1358	1350	1339	2.00	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4069-02	Instrumnet Name :	P7
Client Sample ID :	KY030OF003-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:53:38	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	367	317	217	300	25.46	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:57:11	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5653514	5651827	5693622	5666321	0.42	cps
Antimony	121-1	6353630	6392781	6377732	6374714	0.31	cps
Arsenic	75-2	186336	189446	188887	188223	0.88	cps
Barium	135-1	7646822	7658112	7616738	7640557	0.28	cps
Barium	137-1	13466654	13335231	13285948	13362611	0.70	cps
Beryllium	9-1	966094	977815	979328	974412	0.74	cps
Bismuth	209-1	10267982	10137880	10116518	10174127	0.81	cps
Bismuth	209-2	5923853	5599547	5945752	5823051	3.33	cps
Boron	10-1	121871	127494	127796	125720	2.65	cps
Boron	11-1	580228	601560	604520	595436	2.23	cps
Cadmium	111-1	1548171	1524200	1535362	1535911	0.78	cps
Cadmium	106-1	179091	175321	178552	177655	1.15	cps
Cadmium	108-1	120608	119998	120645	120417	0.30	cps
Calcium	43-1	8101684	8157867	8169898	8143150	0.45	cps
Calcium	44-1	131397465	131847245	133054882	132099864	0.65	cps
Chromium	52-2	1692288	1708657	1716656	1705867	0.73	cps
Cobalt	59-2	2690447	2715999	2745084	2717177	1.01	cps
Copper	63-2	3707961	3735792	3745750	3729834	0.53	cps
Dysprosium	156-1	150	208	142	167	21.79	cps
Dysprosium	156-2	107	147	150	134	17.93	cps
Erbium	164-1	117	92	108	106	12.06	cps
Erbium	164-2	37	20	27	28	30.20	cps
Gadolinium	160-1	183	142	208	178	18.94	cps
Gadolinium	160-2	273	220	243	246	10.89	cps
Holmium	165-1	17074971	16728073	16855269	16886104	1.04	cps
Holmium	165-2	8363793	8015163	8480393	8286450	2.92	cps
Indium	115-1	12324895	12316979	12349925	12330600	0.14	cps
Indium	115-2	2306735	2188908	2333195	2276279	3.37	cps
Iron	56-2	370351219	377684953	378855653	375630608	1.23	cps
Iron	57-2	9134813	9226293	9324634	9228580	1.03	cps
Lead	206-1	4898295	4837878	4767451	4834541	1.35	cps
Lead	207-1	4429503	4392051	4323247	4381600	1.23	cps
Lead	208-1	20777388	20506209	20328257	20537285	1.10	cps
Lithium	6-1	2388911	2386227	2440748	2405295	1.28	cps
Magnesium	24-2	65326135	65234362	65696424	65418974	0.37	cps
Manganese	55-2	1901795	1931512	1935367	1922892	0.96	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:57:11	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12340732	12378800	12421602	12380378	0.33	cps
Molybdenum	95-1	15101148	15175653	15250846	15175883	0.49	cps
Molybdenum	96-1	16649883	16755255	16884564	16763234	0.70	cps
Molybdenum	97-1	9434638	9401262	9455750	9430550	0.29	cps
Molybdenum	98-1	24286986	24294585	24369078	24316883	0.19	cps
Neodymium	150-1	580	527	573	560	5.19	cps
Neodymium	150-2	103	93	73	90	16.97	cps
Nickel	60-2	717342	728847	731854	726014	1.06	cps
Phosphorus	31-2	57629	57001	56131	56920	1.32	cps
Potassium	39-2	32140500	31915673	32465731	32173968	0.86	cps
Rhodium	103-1	10840078	10729737	10789006	10786274	0.51	cps
Rhodium	103-2	5237733	4924371	5243666	5135257	3.56	cps
Scandium	45-1	6860830	6849921	6955883	6888878	0.85	cps
Scandium	45-2	307428	291471	311136	303345	3.44	cps
Selenium	77-2	4697	4688	4611	4665	1.02	cps
Selenium	78-2	15499	15175	15586	15420	1.41	cps
Selenium	82-1	92981	92879	94566	93476	1.01	cps
Silicon	28-1	3900526	3993617	4071329	3988491	2.14	cps
Silver	109-1	7287594	7261858	7267906	7272453	0.19	cps
Silver	107-1	7608006	7613753	7648098	7623286	0.28	cps
Sodium	23-2	123025094	123703232	124910615	123879647	0.77	cps
Strontium	86-1	1798645	1800499	1818273	1805806	0.60	cps
Strontium	88-1	16787180	16864002	16932715	16861299	0.43	cps
Sulfur	34-1	914849	924575	932149	923858	0.94	cps
Terbium	159-1	17378214	17226475	17234020	17279570	0.49	cps
Terbium	159-2	8232967	7870407	8295723	8133032	2.82	cps
Thallium	203-1	6556726	6462600	6432733	6484020	1.00	cps
Thallium	205-1	15619645	15370762	15252159	15414189	1.22	cps
Tin	118-1	5148739	5139422	5153808	5147323	0.14	cps
Titanium	47-1	3528967	3527014	3578541	3544841	0.82	cps
Uranium	238-1	21981386	21952207	21661745	21865112	0.81	cps
Vanadium	51-2	1353265	1364261	1373517	1363681	0.74	cps
Yttrium	89-1	12399368	12479156	12529085	12469203	0.52	cps
Yttrium	89-2	1731918	1645507	1750477	1709300	3.28	cps
Zinc	66-2	526011	535169	538844	533341	1.24	cps
Zirconium	90-1	10159845	10262410	10248759	10223671	0.54	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:57:11	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2119175	2124417	2151078	2131556	0.80	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:00:50	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	383	417	250	350	25.20	cps
Antimony	121-1	4884	4634	3992	4504	10.22	cps
Arsenic	75-2	31	83	31	49	61.40	cps
Barium	135-1	1125	1017	950	1031	8.57	cps
Barium	137-1	2209	1675	1600	1828	18.15	cps
Beryllium	9-1	300	272	278	283	5.19	cps
Bismuth	209-1	10790191	10842785	10751528	10794835	0.42	cps
Bismuth	209-2	6362654	6372997	6381564	6372405	0.15	cps
Boron	10-1	6877	6760	6001	6546	7.26	cps
Boron	11-1	31192	31175	28177	30181	5.75	cps
Cadmium	111-1	2479	2323	2528	2444	4.38	cps
Cadmium	106-1	5218	5076	5410	5235	3.20	cps
Cadmium	108-1	42	46	21	36	37.10	cps
Calcium	43-1	1884	1500	1108	1497	25.88	cps
Calcium	44-1	33221	30783	27101	30368	10.15	cps
Chromium	52-2	743	803	633	727	11.86	cps
Cobalt	59-2	317	227	240	261	18.60	cps
Copper	63-2	3094	3060	2974	3043	2.04	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	17	50	58	42	52.91	cps
Erbium	164-2	40	17	27	28	42.13	cps
Gadolinium	160-1	75	117	67	86	31.11	cps
Gadolinium	160-2	187	210	240	212	12.60	cps
Holmium	165-1	16397487	16337970	16286142	16340533	0.34	cps
Holmium	165-2	8286376	8324315	8333883	8314858	0.30	cps
Indium	115-1	12921762	12926715	12827831	12892103	0.43	cps
Indium	115-2	2404252	2411647	2392443	2402781	0.40	cps
Iron	56-2	34630	28907	25389	29642	15.74	cps
Iron	57-2	1017	956	772	915	13.91	cps
Lead	206-1	1395	1167	1122	1228	11.90	cps
Lead	207-1	1228	939	1061	1076	13.48	cps
Lead	208-1	5628	4873	4650	5051	10.15	cps
Lithium	6-1	2623325	2642995	2642866	2636395	0.43	cps
Magnesium	24-2	4943	4242	3934	4373	11.82	cps
Manganese	55-2	173	217	130	173	25.00	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:00:50	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3459	3150	2600	3070	14.17	cps
Molybdenum	95-1	3701	3309	2984	3331	10.78	cps
Molybdenum	96-1	4284	3892	3676	3951	7.81	cps
Molybdenum	97-1	2417	2025	1984	2142	11.16	cps
Molybdenum	98-1	5535	5568	4809	5304	8.08	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	293	267	267	276	5.59	cps
Phosphorus	31-2	400	500	283	394	27.49	cps
Potassium	39-2	34215	34558	34090	34288	0.71	cps
Rhodium	103-1	11614320	11671241	11602088	11629216	0.32	cps
Rhodium	103-2	5544572	5564093	5537488	5548718	0.25	cps
Scandium	45-1	7036421	7054700	6976186	7022436	0.59	cps
Scandium	45-2	301234	298377	297822	299144	0.61	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	85	70	87	81	11.30	cps
Selenium	82-1	-108	15	93	0	63422.97	cps
Silicon	28-1	447209	442903	436092	442068	1.27	cps
Silver	109-1	1659	1634	1675	1656	1.27	cps
Silver	107-1	1992	2017	1458	1822	17.31	cps
Sodium	23-2	26307	25840	24220	25456	4.30	cps
Strontium	86-1	1017	1133	1075	1075	5.43	cps
Strontium	88-1	2675	2325	2184	2395	10.57	cps
Sulfur	34-1	456217	454459	457546	456074	0.34	cps
Terbium	159-1	17069122	16945566	16849365	16954684	0.65	cps
Terbium	159-2	8222769	8198164	8181334	8200756	0.25	cps
Thallium	203-1	1892	1742	1408	1681	14.72	cps
Thallium	205-1	4851	4059	3242	4051	19.86	cps
Tin	118-1	3967	3742	3517	3742	6.01	cps
Titanium	47-1	792	817	458	689	29.04	cps
Uranium	238-1	3451	3209	2259	2973	21.20	cps
Vanadium	51-2	130	123	113	122	6.86	cps
Yttrium	89-1	12537249	12521732	12430402	12496461	0.46	cps
Yttrium	89-2	1723149	1709703	1705781	1712878	0.53	cps
Zinc	66-2	307	347	303	319	7.56	cps
Zirconium	90-1	3225	2825	2875	2975	7.33	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:00:50	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	700	625	600	642	8.11	cps

LB Number : LB96824 Operator : Jaswal
 Lab Sample ID : J4069-03 Instrumnet Name : P7
 Client Sample ID : KY030LC015-W-180718 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 17:04:23 DataFile Name : 047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	633	475	517	542	15.15	cps
Antimony	121-1	116033	77047	58198	83759	35.22	cps
Arsenic	75-2	765	804	800	790	2.72	cps
Barium	135-1	164655	165995	165337	165329	0.41	cps
Barium	137-1	288834	287483	289587	288635	0.37	cps
Beryllium	9-1	172	111	94	126	32.52	cps
Bismuth	209-1	10320045	10325704	10290433	10312061	0.18	cps
Bismuth	209-2	5880308	5829384	5866470	5858721	0.45	cps
Boron	10-1	33396	33931	34524	33950	1.66	cps
Boron	11-1	163644	162929	165237	163937	0.72	cps
Cadmium	111-1	2021	1889	1839	1916	4.91	cps
Cadmium	106-1	4384	4142	3984	4170	4.83	cps
Cadmium	108-1	29	38	25	31	20.83	cps
Calcium	43-1	2042583	2023131	2015048	2026921	0.70	cps
Calcium	44-1	35544644	35082268	35131940	35252951	0.72	cps
Chromium	52-2	2117	2140	2030	2096	2.77	cps
Cobalt	59-2	753	740	783	759	2.93	cps
Copper	63-2	10757	10974	11198	10976	2.01	cps
Dysprosium	156-1	50	67	117	78	44.61	cps
Dysprosium	156-2	37	20	30	29	29.04	cps
Erbium	164-1	108	92	83	94	13.48	cps
Erbium	164-2	23	40	40	34	27.94	cps
Gadolinium	160-1	108	200	150	153	30.04	cps
Gadolinium	160-2	157	230	233	207	20.97	cps
Holmium	165-1	15410004	15475084	15379074	15421387	0.32	cps
Holmium	165-2	7582827	7588294	7547526	7572882	0.29	cps
Indium	115-1	12014853	12175058	12051463	12080458	0.69	cps
Indium	115-2	2128279	2138316	2121359	2129318	0.40	cps
Iron	56-2	39158	39242	40077	39493	1.29	cps
Iron	57-2	8614	8408	7852	8291	4.75	cps
Lead	206-1	1706	1472	1756	1645	9.20	cps
Lead	207-1	1633	1450	1400	1495	8.22	cps
Lead	208-1	7073	6334	6595	6668	5.62	cps
Lithium	6-1	2707803	2709778	2702317	2706633	0.14	cps
Magnesium	24-2	1170883	1166613	1164727	1167408	0.27	cps
Manganese	55-2	7192	7579	7402	7391	2.62	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4069-03	Instrumnet Name :	P7
Client Sample ID :	KY030LC015-W-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:04:23	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4884	4926	5260	5023	4.09	cps
Molybdenum	95-1	6393	6252	6293	6313	1.15	cps
Molybdenum	96-1	7227	7094	7552	7291	3.24	cps
Molybdenum	97-1	3851	4092	4893	4279	12.75	cps
Molybdenum	98-1	10429	10546	10646	10540	1.03	cps
Neodymium	150-1	33	40	67	47	37.79	cps
Neodymium	150-2	10	20	10	13	43.30	cps
Nickel	60-2	1490	1463	1463	1472	1.05	cps
Phosphorus	31-2	650	517	625	597	11.87	cps
Potassium	39-2	810337	800108	789868	800104	1.28	cps
Rhodium	103-1	10223825	10247803	10114860	10195496	0.69	cps
Rhodium	103-2	4794360	4358302	4771817	4641493	5.29	cps
Scandium	45-1	6042269	5995206	5947256	5994910	0.79	cps
Scandium	45-2	234246	233540	231549	233112	0.60	cps
Selenium	77-2	7	17	17	13	43.29	cps
Selenium	78-2	52	81	98	77	30.39	cps
Selenium	82-1	69	105	166	113	42.92	cps
Silicon	28-1	37863922	37337783	37116004	37439236	1.03	cps
Silver	109-1	3376	2925	2742	3014	10.81	cps
Silver	107-1	3776	2967	2759	3167	16.96	cps
Sodium	23-2	7360144	7325859	7250956	7312320	0.76	cps
Strontium	86-1	1031440	1021266	1024151	1025619	0.51	cps
Strontium	88-1	9627547	9574864	9588732	9597048	0.28	cps
Sulfur	34-1	789811	778798	765914	778174	1.54	cps
Terbium	159-1	15745630	15764667	15717472	15742590	0.15	cps
Terbium	159-2	7436478	7388525	7451974	7425659	0.45	cps
Thallium	203-1	2234	1950	1800	1995	11.03	cps
Thallium	205-1	6177	4776	4126	5026	20.85	cps
Tin	118-1	10880	11764	11222	11288	3.95	cps
Titanium	47-1	1383	1834	1750	1656	14.46	cps
Uranium	238-1	24583	25827	25367	25259	2.49	cps
Vanadium	51-2	6755	6995	6885	6878	1.75	cps
Yttrium	89-1	11165052	11111786	11049594	11108811	0.52	cps
Yttrium	89-2	1442562	1430236	1443769	1438856	0.52	cps
Zinc	66-2	3260	3027	2830	3039	7.08	cps
Zirconium	90-1	3659	3701	3676	3678	0.57	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4069-03	Instrumnet Name :	P7
Client Sample ID :	KY030LC015-W-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:04:23	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	908	867	858	878	3.05	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4069-04	Instrumnet Name :	P7
Client Sample ID :	KY030SP005-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:07:56	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	358	317	267	314	14.62	cps
Antimony	121-1	30534	27837	27829	28733	5.43	cps
Arsenic	75-2	343	396	331	357	9.72	cps
Barium	135-1	201186	200829	198577	200197	0.71	cps
Barium	137-1	351382	352054	349346	350927	0.40	cps
Beryllium	9-1	133	100	106	113	15.81	cps
Bismuth	209-1	10472466	10476823	10441456	10463582	0.18	cps
Bismuth	209-2	5973538	5832857	5802568	5869654	1.55	cps
Boron	10-1	39778	39193	39670	39547	0.79	cps
Boron	11-1	189695	190512	195157	191788	1.54	cps
Cadmium	111-1	1704	1668	1718	1696	1.52	cps
Cadmium	106-1	3976	4034	4059	4023	1.06	cps
Cadmium	108-1	17	42	8	22	78.07	cps
Calcium	43-1	2979547	2950576	2946487	2958870	0.61	cps
Calcium	44-1	51493893	51153938	51524958	51390930	0.40	cps
Chromium	52-2	3874	4014	4034	3974	2.19	cps
Cobalt	59-2	513	510	517	513	0.65	cps
Copper	63-2	19026	19023	19300	19116	0.83	cps
Dysprosium	156-1	33	33	8	25	57.74	cps
Dysprosium	156-2	7	3	17	9	78.08	cps
Erbium	164-1	58	42	75	58	28.57	cps
Erbium	164-2	10	17	43	23	75.58	cps
Gadolinium	160-1	142	142	92	125	23.09	cps
Gadolinium	160-2	203	170	187	187	8.93	cps
Holmium	165-1	15433519	15591652	15517585	15514252	0.51	cps
Holmium	165-2	7756150	7514161	7536942	7602418	1.76	cps
Indium	115-1	11953931	12072644	11897331	11974636	0.75	cps
Indium	115-2	2140407	2089929	2088439	2106258	1.40	cps
Iron	56-2	14902	15025	14524	14817	1.76	cps
Iron	57-2	10982	11338	11088	11136	1.64	cps
Lead	206-1	1745	1984	2056	1928	8.45	cps
Lead	207-1	1528	1750	1628	1635	6.81	cps
Lead	208-1	7457	7929	7846	7744	3.26	cps
Lithium	6-1	2563592	2559040	2538036	2553556	0.53	cps
Magnesium	24-2	1607739	1603753	1607195	1606229	0.13	cps
Manganese	55-2	6115	6575	6175	6288	3.98	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4069-04	Instrumnet Name :	P7
Client Sample ID :	KY030SP005-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:07:56	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2475	2392	2250	2373	4.80	cps
Molybdenum	95-1	2725	2825	2792	2781	1.83	cps
Molybdenum	96-1	3476	2892	3542	3303	10.83	cps
Molybdenum	97-1	1934	1800	2084	1939	7.31	cps
Molybdenum	98-1	4859	4434	4818	4704	4.98	cps
Neodymium	150-1	27	47	20	31	44.61	cps
Neodymium	150-2	20	3	10	11	75.52	cps
Nickel	60-2	1380	1413	1233	1342	7.13	cps
Phosphorus	31-2	292	367	333	331	11.37	cps
Potassium	39-2	374634	374885	374021	374513	0.12	cps
Rhodium	103-1	10135265	10132897	10027425	10098529	0.61	cps
Rhodium	103-2	4842289	4307175	4293591	4481018	6.98	cps
Scandium	45-1	5917449	5897174	5823086	5879237	0.84	cps
Scandium	45-2	236529	228040	227508	230692	2.19	cps
Selenium	77-2	43	13	13	23	74.24	cps
Selenium	78-2	104	91	111	102	10.12	cps
Selenium	82-1	220	331	223	258	24.37	cps
Silicon	28-1	59830991	59732833	59640553	59734792	0.16	cps
Silver	109-1	1950	2009	1709	1889	8.42	cps
Silver	107-1	2342	1967	2000	2103	9.87	cps
Sodium	23-2	7313157	7290614	7307433	7303735	0.16	cps
Strontium	86-1	1813937	1796923	1810302	1807054	0.50	cps
Strontium	88-1	16950766	16918576	16945617	16938320	0.10	cps
Sulfur	34-1	663728	663396	651041	659388	1.10	cps
Terbium	159-1	15881787	16000550	15794721	15892353	0.65	cps
Terbium	159-2	7559324	7381532	7332826	7424561	1.61	cps
Thallium	203-1	458	492	475	475	3.51	cps
Thallium	205-1	1192	1133	1233	1186	4.24	cps
Tin	118-1	18964	19247	20207	19473	3.35	cps
Titanium	47-1	2125	2217	2117	2153	2.58	cps
Uranium	238-1	51620	51646	51536	51601	0.11	cps
Vanadium	51-2	5298	5304	5241	5281	0.66	cps
Yttrium	89-1	11109914	11037754	10935170	11027613	0.80	cps
Yttrium	89-2	1450756	1420033	1409118	1426636	1.51	cps
Zinc	66-2	2937	2640	3034	2870	7.14	cps
Zirconium	90-1	2067	2434	2217	2239	8.23	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4069-04	Instrumnet Name :	P7
Client Sample ID :	KY030SP005-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:07:56	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	483	517	592	531	10.46	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4069-05	Instrumnet Name :	P7
Client Sample ID :	KY030LC018-W-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:11:30	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	317	450	250	339	30.05	cps
Antimony	121-1	27928	26551	25516	26665	4.54	cps
Arsenic	75-2	815	863	874	851	3.70	cps
Barium	135-1	167149	166088	167076	166771	0.36	cps
Barium	137-1	294163	287532	293039	291578	1.22	cps
Beryllium	9-1	100	67	122	96	29.04	cps
Bismuth	209-1	10537776	10565484	10480828	10528029	0.41	cps
Bismuth	209-2	5850454	5873450	6044364	5922756	1.79	cps
Boron	10-1	31016	32737	32945	32233	3.28	cps
Boron	11-1	155712	161404	159416	158844	1.82	cps
Cadmium	111-1	1660	1799	1714	1724	4.06	cps
Cadmium	106-1	3926	4409	4034	4123	6.15	cps
Cadmium	108-1	8	21	0	10	107.86	cps
Calcium	43-1	1933059	1942939	1964201	1946733	0.82	cps
Calcium	44-1	33495971	33733661	33880868	33703500	0.58	cps
Chromium	52-2	2294	2444	2214	2317	5.04	cps
Cobalt	59-2	783	820	810	804	2.36	cps
Copper	63-2	15051	15288	15241	15194	0.83	cps
Dysprosium	156-1	75	83	50	69	24.98	cps
Dysprosium	156-2	30	33	47	37	24.06	cps
Erbium	164-1	150	75	67	97	47.21	cps
Erbium	164-2	50	23	30	34	40.30	cps
Gadolinium	160-1	125	142	108	125	13.33	cps
Gadolinium	160-2	200	263	220	228	14.21	cps
Holmium	165-1	15666537	15831343	15624954	15707611	0.69	cps
Holmium	165-2	7612109	7629737	7908337	7716728	2.15	cps
Indium	115-1	11994620	12164818	12007928	12055789	0.79	cps
Indium	115-2	2117583	2122927	2185479	2141996	1.76	cps
Iron	56-2	31445	31334	31579	31453	0.39	cps
Iron	57-2	7852	7802	7774	7810	0.50	cps
Lead	206-1	1239	1295	1461	1332	8.69	cps
Lead	207-1	1133	1056	1078	1089	3.68	cps
Lead	208-1	5173	5456	5578	5402	3.85	cps
Lithium	6-1	2406244	2419585	2379330	2401720	0.85	cps
Magnesium	24-2	1145580	1152744	1143227	1147184	0.43	cps
Manganese	55-2	7912	7779	7886	7859	0.90	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4069-05	Instrumnet Name :	P7
Client Sample ID :	KY030LC018-W-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:11:30	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4576	4668	4618	4620	0.99	cps
Molybdenum	95-1	6919	6694	6944	6852	2.01	cps
Molybdenum	96-1	6877	6927	6994	6933	0.84	cps
Molybdenum	97-1	4626	4509	4268	4468	4.10	cps
Molybdenum	98-1	10771	10413	11130	10771	3.33	cps
Neodymium	150-1	47	73	40	53	33.08	cps
Neodymium	150-2	23	13	20	19	26.96	cps
Nickel	60-2	1843	2040	1873	1919	5.52	cps
Phosphorus	31-2	542	600	533	558	6.51	cps
Potassium	39-2	840653	847043	846794	844830	0.43	cps
Rhodium	103-1	10173841	10329343	10178638	10227274	0.86	cps
Rhodium	103-2	4782832	4821627	4965242	4856567	1.98	cps
Scandium	45-1	5865232	5901016	5826852	5864367	0.63	cps
Scandium	45-2	231563	230175	235634	232458	1.22	cps
Selenium	77-2	13	10	13	12	15.73	cps
Selenium	78-2	83	67	96	82	18.09	cps
Selenium	82-1	151	157	72	127	37.40	cps
Silicon	28-1	34702714	34969927	34876428	34849690	0.39	cps
Silver	109-1	1775	1600	1508	1628	8.32	cps
Silver	107-1	1909	1667	1934	1836	8.02	cps
Sodium	23-2	7497893	7497312	7439630	7478278	0.45	cps
Strontium	86-1	991133	1001935	1000546	997871	0.59	cps
Strontium	88-1	9245010	9335313	9469406	9349909	1.21	cps
Sulfur	34-1	756328	747740	752405	752158	0.57	cps
Terbium	159-1	16084195	16166987	16030968	16094050	0.43	cps
Terbium	159-2	7527581	7484382	7787061	7599675	2.15	cps
Thallium	203-1	342	358	450	383	15.22	cps
Thallium	205-1	967	917	833	906	7.44	cps
Tin	118-1	23996	23646	23971	23871	0.82	cps
Titanium	47-1	1400	1442	1242	1361	7.75	cps
Uranium	238-1	25134	25727	24992	25284	1.54	cps
Vanadium	51-2	7335	7532	7569	7479	1.68	cps
Yttrium	89-1	11031922	11189627	11165679	11129076	0.76	cps
Yttrium	89-2	1436337	1438932	1480780	1452017	1.72	cps
Zinc	66-2	2117	2240	1977	2111	6.24	cps
Zirconium	90-1	2317	2409	2417	2381	2.33	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4069-05	Instrumnet Name :	P7
Client Sample ID :	KY030LC018-W-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:11:30	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	417	658	525	533	22.70	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4069-06	Instrumnet Name :	P7
Client Sample ID :	DUP-0489-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:15:03	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	400	358	383	381	5.51	cps
Antimony	121-1	27595	25524	24965	26028	5.32	cps
Arsenic	75-2	702	744	700	715	3.51	cps
Barium	135-1	166494	166326	164596	165806	0.63	cps
Barium	137-1	293245	286635	289655	289845	1.14	cps
Beryllium	9-1	89	50	94	78	31.14	cps
Bismuth	209-1	10472623	10567355	10552488	10530822	0.48	cps
Bismuth	209-2	5812909	5841761	5854160	5836277	0.36	cps
Boron	10-1	30423	30390	31250	30688	1.59	cps
Boron	11-1	147618	148703	147868	148063	0.38	cps
Cadmium	111-1	1766	1837	1911	1838	3.93	cps
Cadmium	106-1	4351	4526	4668	4515	3.51	cps
Cadmium	108-1	17	4	21	14	62.43	cps
Calcium	43-1	1972805	1974997	1971812	1973205	0.08	cps
Calcium	44-1	34188715	34355697	34404036	34316149	0.33	cps
Chromium	52-2	2210	2364	2107	2227	5.80	cps
Cobalt	59-2	610	607	520	579	8.81	cps
Copper	63-2	13613	13677	13830	13707	0.81	cps
Dysprosium	156-1	58	75	50	61	20.83	cps
Dysprosium	156-2	23	23	30	26	15.07	cps
Erbium	164-1	33	142	50	75	77.78	cps
Erbium	164-2	60	37	27	41	41.60	cps
Gadolinium	160-1	133	100	158	131	22.41	cps
Gadolinium	160-2	130	160	200	163	21.50	cps
Holmium	165-1	15614953	15685283	15655038	15651758	0.23	cps
Holmium	165-2	7631331	7616393	7668200	7638641	0.35	cps
Indium	115-1	11978902	12054586	12068251	12033913	0.40	cps
Indium	115-2	2092399	2085506	2109664	2095856	0.59	cps
Iron	56-2	34062	33767	34653	34161	1.32	cps
Iron	57-2	8064	8230	8314	8203	1.55	cps
Lead	206-1	2284	2106	1995	2128	6.85	cps
Lead	207-1	2122	2117	1895	2045	6.36	cps
Lead	208-1	8640	9013	8907	8853	2.17	cps
Lithium	6-1	2306853	2312378	2291990	2303740	0.46	cps
Magnesium	24-2	1098546	1092403	1105080	1098676	0.58	cps
Manganese	55-2	12602	12415	12449	12489	0.80	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4069-06	Instrumnet Name :	P7
Client Sample ID :	DUP-0489-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:15:03	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3926	3726	3809	3820	2.63	cps
Molybdenum	95-1	5693	5976	5335	5668	5.67	cps
Molybdenum	96-1	5977	6068	6418	6154	3.79	cps
Molybdenum	97-1	4176	3592	3276	3681	12.41	cps
Molybdenum	98-1	8586	9020	9245	8950	3.74	cps
Neodymium	150-1	20	20	53	31	61.87	cps
Neodymium	150-2	20	13	3	12	68.66	cps
Nickel	60-2	1883	1917	1807	1869	3.02	cps
Phosphorus	31-2	500	667	592	586	14.24	cps
Potassium	39-2	744922	742820	753067	746936	0.72	cps
Rhodium	103-1	10219483	10245979	10189933	10218465	0.27	cps
Rhodium	103-2	4387665	4375947	4407971	4390528	0.37	cps
Scandium	45-1	5818749	5880591	5849294	5849544	0.53	cps
Scandium	45-2	227462	226850	229884	228065	0.70	cps
Selenium	77-2	20	40	30	30	33.33	cps
Selenium	78-2	81	102	80	88	14.07	cps
Selenium	82-1	128	121	158	136	14.58	cps
Silicon	28-1	37328221	37117379	37091695	37179098	0.35	cps
Silver	109-1	1792	1333	1592	1572	14.62	cps
Silver	107-1	1558	1517	1792	1622	9.14	cps
Sodium	23-2	6928267	6881973	6922006	6910749	0.36	cps
Strontium	86-1	991516	983552	977344	984137	0.72	cps
Strontium	88-1	9264831	9277246	9236998	9259692	0.22	cps
Sulfur	34-1	712776	714729	704976	710827	0.73	cps
Terbium	159-1	16033991	16127356	16103601	16088316	0.30	cps
Terbium	159-2	7455625	7459076	7489704	7468135	0.25	cps
Thallium	203-1	342	325	308	325	5.13	cps
Thallium	205-1	908	725	725	786	13.46	cps
Tin	118-1	15451	15818	15643	15637	1.17	cps
Titanium	47-1	1292	1217	1642	1383	16.40	cps
Uranium	238-1	26979	27213	27254	27149	0.55	cps
Vanadium	51-2	6922	7225	7195	7114	2.35	cps
Yttrium	89-1	11051237	11064891	11087804	11067977	0.17	cps
Yttrium	89-2	1424437	1424306	1430291	1426345	0.24	cps
Zinc	66-2	3941	3607	3971	3839	5.25	cps
Zirconium	90-1	2250	2492	2125	2289	8.15	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4069-06	Instrumnet Name :	P7
Client Sample ID :	DUP-0489-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:15:03	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	500	525	408	478	12.86	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4100-01	Instrumnet Name :	P7
Client Sample ID :	LA119SW005-W-180719	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:18:37	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	525	750	642	639	17.61	cps
Antimony	121-1	25733	24773	25457	25321	1.95	cps
Arsenic	75-2	820	809	848	826	2.43	cps
Barium	135-1	175141	178929	178364	177478	1.15	cps
Barium	137-1	309761	312377	311279	311139	0.42	cps
Beryllium	9-1	94	50	122	89	40.99	cps
Bismuth	209-1	10494355	10431763	10653171	10526430	1.08	cps
Bismuth	209-2	5832440	5815352	5814828	5820874	0.17	cps
Boron	10-1	33789	34599	33538	33975	1.63	cps
Boron	11-1	162919	168262	167838	166340	1.79	cps
Cadmium	111-1	1806	1697	1762	1755	3.13	cps
Cadmium	106-1	4468	4193	4367	4343	3.21	cps
Cadmium	108-1	8	25	21	18	48.05	cps
Calcium	43-1	2032838	2023159	2024319	2026772	0.26	cps
Calcium	44-1	35252299	35493863	35289558	35345240	0.37	cps
Chromium	52-2	2017	1997	2204	2072	5.50	cps
Cobalt	59-2	870	953	1010	944	7.46	cps
Copper	63-2	10754	10677	10941	10791	1.26	cps
Dysprosium	156-1	67	42	100	69	42.14	cps
Dysprosium	156-2	33	40	30	34	14.78	cps
Erbium	164-1	117	100	100	106	9.11	cps
Erbium	164-2	33	43	27	34	24.35	cps
Gadolinium	160-1	117	150	192	153	24.60	cps
Gadolinium	160-2	243	160	250	218	23.03	cps
Holmium	165-1	15544835	15534235	15944347	15674472	1.49	cps
Holmium	165-2	7592676	7605349	7617086	7605037	0.16	cps
Indium	115-1	11955987	11849796	12186077	11997287	1.43	cps
Indium	115-2	2077449	2075396	2075973	2076273	0.05	cps
Iron	56-2	42930	41643	42729	42434	1.63	cps
Iron	57-2	8497	8708	8920	8708	2.43	cps
Lead	206-1	2511	2673	2478	2554	4.07	cps
Lead	207-1	2117	2145	2100	2121	1.06	cps
Lead	208-1	9707	10185	9674	9855	2.90	cps
Lithium	6-1	2225010	2209829	2270930	2235256	1.42	cps
Magnesium	24-2	1317517	1301085	1302672	1307091	0.69	cps
Manganese	55-2	12148	12529	12045	12241	2.08	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4100-01	Instrumnet Name :	P7
Client Sample ID :	LA119SW005-W-180719	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:18:37	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4159	4468	4601	4409	5.14	cps
Molybdenum	95-1	6393	6427	6368	6396	0.46	cps
Molybdenum	96-1	6610	7244	6744	6866	4.87	cps
Molybdenum	97-1	3959	3901	4109	3990	2.69	cps
Molybdenum	98-1	10179	10488	10062	10243	2.15	cps
Neodymium	150-1	67	33	47	49	34.32	cps
Neodymium	150-2	20	10	27	19	44.42	cps
Nickel	60-2	1670	1677	1553	1633	4.25	cps
Phosphorus	31-2	1275	1342	1500	1372	8.42	cps
Potassium	39-2	885093	881584	892633	886437	0.64	cps
Rhodium	103-1	10115675	10027651	10384129	10175818	1.82	cps
Rhodium	103-2	4355828	4310971	4346400	4337733	0.55	cps
Scandium	45-1	5808415	5709529	5852470	5790138	1.26	cps
Scandium	45-2	227357	224382	227117	226285	0.73	cps
Selenium	77-2	13	17	13	14	13.35	cps
Selenium	78-2	65	74	72	70	6.96	cps
Selenium	82-1	77	168	98	114	41.93	cps
Silicon	28-1	35811509	36003954	36036766	35950743	0.34	cps
Silver	109-1	1458	1275	1425	1386	7.05	cps
Silver	107-1	1417	1592	1450	1486	6.25	cps
Sodium	23-2	8516449	8453819	8505854	8492040	0.39	cps
Strontium	86-1	1187707	1197652	1201684	1195681	0.60	cps
Strontium	88-1	11130875	11139030	11231367	11167091	0.50	cps
Sulfur	34-1	775022	770121	767068	770737	0.52	cps
Terbium	159-1	15977657	15802138	16376836	16052210	1.83	cps
Terbium	159-2	7429057	7389750	7443758	7420855	0.38	cps
Thallium	203-1	317	208	292	272	20.84	cps
Thallium	205-1	817	667	733	739	10.17	cps
Tin	118-1	10037	11147	10705	10629	5.25	cps
Titanium	47-1	1525	1283	1517	1442	9.52	cps
Uranium	238-1	26060	27171	25234	26155	3.72	cps
Vanadium	51-2	6592	6555	6642	6596	0.66	cps
Yttrium	89-1	10991313	10882860	11278219	11050798	1.85	cps
Yttrium	89-2	1408513	1408791	1425113	1414139	0.67	cps
Zinc	66-2	1757	1687	1827	1757	3.99	cps
Zirconium	90-1	2167	2209	2092	2156	2.74	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4100-01	Instrumnet Name :	P7
Client Sample ID :	LA119SW005-W-180719	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:18:37	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	425	400	425	417	3.47	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4100-02	Instrumnet Name :	P7
Client Sample ID :	KY030OF016-180719	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:22:10	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	342	200	217	253	30.63	cps
Antimony	121-1	24931	23754	23203	23963	3.68	cps
Arsenic	75-2	659	704	691	685	3.34	cps
Barium	135-1	170753	170516	171547	170939	0.32	cps
Barium	137-1	295354	295125	296590	295690	0.27	cps
Beryllium	9-1	128	61	67	85	43.42	cps
Bismuth	209-1	10579477	10270658	10491026	10447053	1.52	cps
Bismuth	209-2	5799095	5779258	5652746	5743700	1.38	cps
Boron	10-1	33547	33513	33881	33647	0.60	cps
Boron	11-1	157993	162286	163693	161324	1.84	cps
Cadmium	111-1	1713	1642	1644	1667	2.40	cps
Cadmium	106-1	4234	4101	4101	4145	1.86	cps
Cadmium	108-1	8	21	42	24	71.34	cps
Calcium	43-1	1989735	1965922	1961442	1972367	0.77	cps
Calcium	44-1	34923693	34278685	34321035	34507805	1.05	cps
Chromium	52-2	2067	2074	1903	2015	4.78	cps
Cobalt	59-2	610	613	557	593	5.36	cps
Copper	63-2	11325	11174	11398	11299	1.01	cps
Dysprosium	156-1	33	75	58	56	37.75	cps
Dysprosium	156-2	23	30	20	24	20.83	cps
Erbium	164-1	75	92	67	78	16.37	cps
Erbium	164-2	37	37	33	36	5.42	cps
Gadolinium	160-1	167	192	133	164	17.86	cps
Gadolinium	160-2	203	217	200	207	4.27	cps
Holmium	165-1	15506611	15372530	15637138	15505426	0.85	cps
Holmium	165-2	7587518	7464332	7380645	7477499	1.39	cps
Indium	115-1	11975963	11642752	11813494	11810737	1.41	cps
Indium	115-2	2050814	2047644	2014999	2037819	0.97	cps
Iron	56-2	41414	41498	42534	41816	1.49	cps
Iron	57-2	8225	8136	8002	8121	1.38	cps
Lead	206-1	1317	1345	1345	1335	1.20	cps
Lead	207-1	1283	1045	1106	1145	10.84	cps
Lead	208-1	5339	5245	5089	5225	2.42	cps
Lithium	6-1	2254517	2213476	2233806	2233933	0.92	cps
Magnesium	24-2	1217411	1205669	1211267	1211449	0.48	cps
Manganese	55-2	15695	15151	15832	15560	2.31	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4100-02	Instrumnet Name :	P7
Client Sample ID :	KY0300F016-180719	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:22:10	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4026	4301	4359	4229	4.21	cps
Molybdenum	95-1	6193	6102	6335	6210	1.89	cps
Molybdenum	96-1	6969	6543	6452	6655	4.15	cps
Molybdenum	97-1	3684	3934	3867	3828	3.38	cps
Molybdenum	98-1	10204	9979	9904	10029	1.56	cps
Neodymium	150-1	33	33	40	36	10.83	cps
Neodymium	150-2	17	7	17	13	43.29	cps
Nickel	60-2	1620	1403	1337	1453	10.19	cps
Phosphorus	31-2	717	775	700	731	5.39	cps
Potassium	39-2	772722	762172	761104	765333	0.84	cps
Rhodium	103-1	10197598	9841414	10073955	10037656	1.80	cps
Rhodium	103-2	4304586	4319908	4236542	4287012	1.04	cps
Scandium	45-1	5807158	5623026	5702916	5711033	1.62	cps
Scandium	45-2	224454	223061	218171	221895	1.49	cps
Selenium	77-2	23	23	10	19	40.75	cps
Selenium	78-2	80	59	48	62	25.61	cps
Selenium	82-1	133	98	188	140	32.40	cps
Silicon	28-1	35575549	35422941	35372417	35456969	0.30	cps
Silver	109-1	1258	1559	1358	1392	10.98	cps
Silver	107-1	1425	1392	1325	1381	3.69	cps
Sodium	23-2	8030521	7978240	8011596	8006785	0.33	cps
Strontium	86-1	1068319	1061182	1069346	1066282	0.42	cps
Strontium	88-1	10126907	9990446	10087187	10068180	0.70	cps
Sulfur	34-1	774437	777997	774413	775616	0.27	cps
Terbium	159-1	16023543	15695102	15991119	15903254	1.14	cps
Terbium	159-2	7412307	7391789	7218687	7340928	1.45	cps
Thallium	203-1	250	233	242	242	3.45	cps
Thallium	205-1	492	625	592	569	12.19	cps
Tin	118-1	9253	9937	10463	9884	6.13	cps
Titanium	47-1	1142	1183	1367	1231	9.73	cps
Uranium	238-1	26904	26261	26252	26472	1.41	cps
Vanadium	51-2	6038	6275	6321	6211	2.45	cps
Yttrium	89-1	11035287	10766082	10931490	10910953	1.24	cps
Yttrium	89-2	1401875	1399125	1365354	1388785	1.46	cps
Zinc	66-2	1307	1347	1363	1339	2.18	cps
Zirconium	90-1	2150	1959	2042	2050	4.69	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4100-02	Instrumnet Name :	P7
Client Sample ID :	KY030OF016-180719	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:22:10	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	433	442	458	444	2.86	cps

LB Number : LB96824 Operator : Jaswal
 Lab Sample ID : J4100-03 Instrumnet Name : P7
 Client Sample ID : KY030LC026-W-180719 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 17:25:44 DataFile Name : 053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	225	258	239	7.26	cps
Antimony	121-1	24272	22786	22494	23184	4.11	cps
Arsenic	75-2	643	715	663	673	5.53	cps
Barium	135-1	168938	167522	169108	168523	0.52	cps
Barium	137-1	297550	294978	298684	297071	0.64	cps
Beryllium	9-1	56	89	22	56	60.00	cps
Bismuth	209-1	10335098	10382862	10430733	10382897	0.46	cps
Bismuth	209-2	5739815	5793690	5742927	5758811	0.53	cps
Boron	10-1	33538	33998	33714	33750	0.69	cps
Boron	11-1	165506	162389	165154	164350	1.04	cps
Cadmium	111-1	1710	1578	1700	1663	4.43	cps
Cadmium	106-1	4217	3901	4184	4101	4.24	cps
Cadmium	108-1	21	17	4	14	62.43	cps
Calcium	43-1	2047453	2034158	2034607	2038740	0.37	cps
Calcium	44-1	35636086	35557804	35654436	35616109	0.14	cps
Chromium	52-2	2077	2110	2070	2086	1.03	cps
Cobalt	59-2	573	470	523	522	9.89	cps
Copper	63-2	9760	9767	9940	9822	1.04	cps
Dysprosium	156-1	17	92	83	64	64.34	cps
Dysprosium	156-2	27	33	10	23	51.50	cps
Erbium	164-1	92	92	92	92	0.00	cps
Erbium	164-2	40	47	33	40	16.68	cps
Gadolinium	160-1	133	83	100	106	24.12	cps
Gadolinium	160-2	203	210	240	218	8.97	cps
Holmium	165-1	15468647	15288122	15513523	15423430	0.77	cps
Holmium	165-2	7490358	7439026	7412076	7447153	0.53	cps
Indium	115-1	11633000	11704197	11700509	11679236	0.34	cps
Indium	115-2	2018308	2012144	1995483	2008645	0.59	cps
Iron	56-2	17261	17850	17021	17377	2.45	cps
Iron	57-2	7875	7402	7847	7708	3.44	cps
Lead	206-1	1506	1445	1267	1406	8.83	cps
Lead	207-1	1222	1150	1228	1200	3.62	cps
Lead	208-1	5762	5362	5673	5599	3.75	cps
Lithium	6-1	2224258	2224030	2231521	2226603	0.19	cps
Magnesium	24-2	1185775	1188087	1184320	1186061	0.16	cps
Manganese	55-2	8833	8823	9080	8912	1.63	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4100-03	Instrumnet Name :	P7
Client Sample ID :	KY030LC026-W-180719	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:25:44	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4426	4067	4151	4215	4.45	cps
Molybdenum	95-1	5985	6327	5943	6085	3.46	cps
Molybdenum	96-1	6735	6527	6769	6677	1.96	cps
Molybdenum	97-1	3717	3967	3809	3831	3.30	cps
Molybdenum	98-1	10337	10154	10137	10210	1.09	cps
Neodymium	150-1	60	20	40	40	50.00	cps
Neodymium	150-2	10	37	13	20	72.66	cps
Nickel	60-2	1483	1423	1443	1450	2.11	cps
Phosphorus	31-2	383	267	308	319	18.51	cps
Potassium	39-2	724520	728966	727697	727061	0.32	cps
Rhodium	103-1	9955235	9932589	10000839	9962887	0.35	cps
Rhodium	103-2	4229873	4270415	4223072	4241120	0.60	cps
Scandium	45-1	5659597	5659330	5673824	5664250	0.15	cps
Scandium	45-2	219592	217815	218763	218723	0.41	cps
Selenium	77-2	23	43	23	30	38.49	cps
Selenium	78-2	56	100	46	67	42.66	cps
Selenium	82-1	174	69	146	130	41.82	cps
Silicon	28-1	35522186	35182209	35381546	35361980	0.48	cps
Silver	109-1	1092	1117	1367	1192	12.76	cps
Silver	107-1	1242	1350	1292	1295	4.19	cps
Sodium	23-2	8411286	8364806	8328738	8368277	0.49	cps
Strontium	86-1	1005863	999700	999696	1001753	0.36	cps
Strontium	88-1	9403311	9442222	9512525	9452686	0.59	cps
Sulfur	34-1	807981	800716	801791	803496	0.49	cps
Terbium	159-1	15733297	15696182	15894716	15774732	0.67	cps
Terbium	159-2	7315086	7307332	7274726	7299048	0.29	cps
Thallium	203-1	217	275	342	278	22.52	cps
Thallium	205-1	592	517	725	611	17.27	cps
Tin	118-1	11188	11088	12097	11458	4.85	cps
Titanium	47-1	1575	1775	1725	1692	6.15	cps
Uranium	238-1	27881	27497	28916	28098	2.61	cps
Vanadium	51-2	5838	6081	6121	6014	2.55	cps
Yttrium	89-1	10784963	10780719	10844227	10803303	0.33	cps
Yttrium	89-2	1367272	1373148	1368490	1369637	0.23	cps
Zinc	66-2	1903	1880	1883	1889	0.67	cps
Zirconium	90-1	2017	1625	1700	1781	11.68	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4100-03	Instrumnet Name :	P7
Client Sample ID :	KY030LC026-W-180719	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:25:44	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	400	433	350	394	10.63	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:33:46	DataFile Name :	054CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5529133	5684437	5697102	5636891	1.66	cps
Antimony	121-1	6384599	6419417	6446467	6416828	0.48	cps
Arsenic	75-2	180968	184106	184791	183289	1.11	cps
Barium	135-1	7441860	7485710	7529224	7485598	0.58	cps
Barium	137-1	13024531	13026329	13118316	13056392	0.41	cps
Beryllium	9-1	982917	989823	1012054	994931	1.53	cps
Bismuth	209-1	10098890	10004982	9988974	10030949	0.59	cps
Bismuth	209-2	5837097	5851234	5912073	5866801	0.68	cps
Boron	10-1	123912	124628	127298	125279	1.42	cps
Boron	11-1	581833	592439	600993	591755	1.62	cps
Cadmium	111-1	1488502	1491043	1494802	1491449	0.21	cps
Cadmium	106-1	171847	172986	171559	172131	0.44	cps
Cadmium	108-1	115264	115802	116777	115947	0.66	cps
Calcium	43-1	7952488	8011442	8103403	8022444	0.95	cps
Calcium	44-1	129873924	130739757	132361507	130991729	0.96	cps
Chromium	52-2	1653272	1658462	1663781	1658505	0.32	cps
Cobalt	59-2	2630881	2628369	2662817	2640689	0.73	cps
Copper	63-2	3575694	3634235	3642437	3617456	1.01	cps
Dysprosium	156-1	192	250	175	206	19.16	cps
Dysprosium	156-2	140	123	133	132	6.34	cps
Erbium	164-1	92	50	92	78	30.93	cps
Erbium	164-2	17	33	40	30	40.05	cps
Gadolinium	160-1	92	117	175	128	33.47	cps
Gadolinium	160-2	307	280	290	292	4.61	cps
Holmium	165-1	16431525	16251305	16518206	16400345	0.83	cps
Holmium	165-2	8305049	8297879	8386551	8329826	0.59	cps
Indium	115-1	12012545	12092255	12203084	12102628	0.79	cps
Indium	115-2	2269722	2251774	2272942	2264813	0.50	cps
Iron	56-2	367070419	365723786	369754553	367516253	0.56	cps
Iron	57-2	9041209	9059491	9098179	9066293	0.32	cps
Lead	206-1	4706286	4706455	4662122	4691621	0.54	cps
Lead	207-1	4255347	4229664	4221486	4235499	0.42	cps
Lead	208-1	20086903	19970869	19883155	19980309	0.51	cps
Lithium	6-1	2455125	2477993	2500024	2477714	0.91	cps
Magnesium	24-2	63144616	64883362	65604770	64544249	1.96	cps
Manganese	55-2	1874151	1867048	1874500	1871900	0.22	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:33:46	DataFile Name :	054CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12008540	12098824	12158430	12088598	0.62	cps
Molybdenum	95-1	14711460	14721258	14859169	14763962	0.56	cps
Molybdenum	96-1	16278765	16334096	16447496	16353452	0.53	cps
Molybdenum	97-1	9102391	9222284	9188039	9170905	0.67	cps
Molybdenum	98-1	23639224	23869942	23688314	23732493	0.51	cps
Neodymium	150-1	480	667	660	602	17.59	cps
Neodymium	150-2	73	63	80	72	11.62	cps
Nickel	60-2	703940	705088	713955	707661	0.77	cps
Phosphorus	31-2	57495	56198	58231	57308	1.80	cps
Potassium	39-2	31158281	31814472	31898274	31623675	1.28	cps
Rhodium	103-1	10496127	10567842	10568622	10544197	0.39	cps
Rhodium	103-2	5077087	5108512	5140981	5108860	0.63	cps
Scandium	45-1	6817425	6841598	6922872	6860631	0.81	cps
Scandium	45-2	297744	302437	305681	301954	1.32	cps
Selenium	77-2	4274	4614	4564	4484	4.10	cps
Selenium	78-2	14691	14974	15453	15039	2.56	cps
Selenium	82-1	90318	91369	90917	90868	0.58	cps
Silicon	28-1	3875175	3967031	4061233	3967813	2.34	cps
Silver	109-1	7058725	7122286	7173706	7118239	0.81	cps
Silver	107-1	7443660	7466541	7453988	7454730	0.15	cps
Sodium	23-2	118953778	122710982	122840628	121501796	1.82	cps
Strontium	86-1	1750303	1755471	1760271	1755348	0.28	cps
Strontium	88-1	16422745	16449978	16569834	16480852	0.47	cps
Sulfur	34-1	928168	933216	938174	933186	0.54	cps
Terbium	159-1	16787606	16885396	16759808	16810937	0.39	cps
Terbium	159-2	8066876	8179955	8165030	8137287	0.75	cps
Thallium	203-1	6293363	6253360	6295978	6280900	0.38	cps
Thallium	205-1	15125845	15142699	15032825	15100456	0.39	cps
Tin	118-1	4981430	5032656	5058224	5024104	0.78	cps
Titanium	47-1	3423747	3460159	3492844	3458917	1.00	cps
Uranium	238-1	21547822	21273452	21377919	21399731	0.65	cps
Vanadium	51-2	1314540	1337570	1340399	1330836	1.07	cps
Yttrium	89-1	12130048	12205996	12312993	12216346	0.75	cps
Yttrium	89-2	1689360	1711902	1709898	1703720	0.73	cps
Zinc	66-2	518714	521713	522941	521123	0.42	cps
Zirconium	90-1	9938853	10015758	10113877	10022829	0.88	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:33:46	DataFile Name :	054CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2054007	2058350	2080911	2064423	0.70	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:38:05	DataFile Name :	055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	325	183	208	239	31.65	cps
Antimony	121-1	2900	2742	2825	2823	2.81	cps
Arsenic	75-2	35	26	19	27	31.46	cps
Barium	135-1	558	433	458	483	13.69	cps
Barium	137-1	1100	792	717	870	23.37	cps
Beryllium	9-1	250	211	228	230	8.50	cps
Bismuth	209-1	10657716	10605486	10748937	10670713	0.68	cps
Bismuth	209-2	6341657	6361257	6370563	6357826	0.23	cps
Boron	10-1	4267	4309	4476	4351	2.53	cps
Boron	11-1	21658	20607	19138	20467	6.19	cps
Cadmium	111-1	2344	2316	2104	2255	5.81	cps
Cadmium	106-1	5151	5326	4851	5110	4.70	cps
Cadmium	108-1	42	33	4	26	74.61	cps
Calcium	43-1	983	808	867	886	10.06	cps
Calcium	44-1	23136	19914	18637	20562	11.27	cps
Chromium	52-2	707	670	657	678	3.82	cps
Cobalt	59-2	267	103	90	153	64.16	cps
Copper	63-2	2740	2520	2534	2598	4.75	cps
Dysprosium	156-1	25	25	25	25	0.00	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	25	50	42	39	32.73	cps
Erbium	164-2	20	33	27	27	24.99	cps
Gadolinium	160-1	100	108	83	97	13.09	cps
Gadolinium	160-2	200	213	240	218	9.35	cps
Holmium	165-1	16236088	16210029	16193041	16213053	0.13	cps
Holmium	165-2	8311391	8258481	8286494	8285456	0.32	cps
Indium	115-1	12664946	12632879	12704175	12667333	0.28	cps
Indium	115-2	2359118	2357357	2354933	2357136	0.09	cps
Iron	56-2	26342	15080	13484	18302	38.29	cps
Iron	57-2	761	594	500	619	21.38	cps
Lead	206-1	995	861	961	939	7.39	cps
Lead	207-1	795	822	722	780	6.62	cps
Lead	208-1	3845	3523	3350	3573	7.03	cps
Lithium	6-1	2598875	2616116	2640147	2618379	0.79	cps
Magnesium	24-2	3592	1583	1625	2267	50.64	cps
Manganese	55-2	137	80	97	104	27.88	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:38:05	DataFile Name :	055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2292	1984	1742	2006	13.75	cps
Molybdenum	95-1	2217	1884	1517	1872	18.70	cps
Molybdenum	96-1	2659	2109	1859	2209	18.53	cps
Molybdenum	97-1	1442	1358	1050	1283	16.08	cps
Molybdenum	98-1	3701	3334	2717	3251	15.29	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	260	180	193	211	20.30	cps
Phosphorus	31-2	400	350	433	394	10.63	cps
Potassium	39-2	33815	31718	32403	32645	3.27	cps
Rhodium	103-1	11431893	11399479	11542234	11457868	0.65	cps
Rhodium	103-2	5494494	5513591	5451081	5486389	0.58	cps
Scandium	45-1	6896895	6891635	6885594	6891375	0.08	cps
Scandium	45-2	294105	292477	292683	293088	0.30	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	109	70	102	94	22.01	cps
Selenium	82-1	-44	40	-46	-17	-290.33	cps
Silicon	28-1	415063	414338	414952	414784	0.09	cps
Silver	109-1	967	875	767	870	11.52	cps
Silver	107-1	1133	875	933	981	13.82	cps
Sodium	23-2	23145	20440	19030	20871	10.02	cps
Strontium	86-1	975	867	725	856	14.65	cps
Strontium	88-1	1483	1225	1042	1250	17.75	cps
Sulfur	34-1	445177	451860	446352	447796	0.80	cps
Terbium	159-1	16666262	16637831	16770788	16691627	0.42	cps
Terbium	159-2	8147558	8119456	8116790	8127935	0.21	cps
Thallium	203-1	1300	1058	1108	1156	11.04	cps
Thallium	205-1	3384	3042	2450	2959	15.96	cps
Tin	118-1	3150	3017	2867	3012	4.71	cps
Titanium	47-1	625	425	300	450	36.43	cps
Uranium	238-1	1709	1375	1217	1433	17.51	cps
Vanadium	51-2	97	53	53	68	36.92	cps
Yttrium	89-1	12337107	12306682	12316261	12320017	0.13	cps
Yttrium	89-2	1684930	1689668	1687618	1687405	0.14	cps
Zinc	66-2	263	280	250	264	5.68	cps
Zirconium	90-1	2409	2375	1925	2236	12.07	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:38:05	DataFile Name :	055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	492	500	508	500	1.67	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:04:26	DataFile Name :	056CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5698185	5945887	5925757	5856610	2.35	cps
Antimony	121-1	6051935	6102743	6114172	6089617	0.54	cps
Arsenic	75-2	181519	188043	188932	186165	2.17	cps
Barium	135-1	7223206	7337131	7330724	7297020	0.88	cps
Barium	137-1	12730152	12689033	12737895	12719027	0.21	cps
Beryllium	9-1	1021079	1025141	1028731	1024984	0.37	cps
Bismuth	209-1	9478290	9627012	9473158	9526153	0.92	cps
Bismuth	209-2	5816577	5845027	5878028	5846544	0.53	cps
Boron	10-1	127013	128206	131400	128873	1.76	cps
Boron	11-1	584451	600734	614601	599929	2.52	cps
Cadmium	111-1	1461891	1472957	1470983	1468610	0.40	cps
Cadmium	106-1	170836	170675	171164	170892	0.15	cps
Cadmium	108-1	115583	114664	115373	115206	0.42	cps
Calcium	43-1	8127064	8117648	8162690	8135800	0.29	cps
Calcium	44-1	131408861	131477761	132976828	131954484	0.67	cps
Chromium	52-2	1668030	1670948	1697118	1678698	0.95	cps
Cobalt	59-2	2611271	2665915	2681087	2652757	1.38	cps
Copper	63-2	3561227	3627557	3666873	3618552	1.48	cps
Dysprosium	156-1	108	117	183	136	30.20	cps
Dysprosium	156-2	117	120	123	120	2.78	cps
Erbium	164-1	83	58	33	58	42.86	cps
Erbium	164-2	37	17	27	27	37.50	cps
Gadolinium	160-1	217	150	183	183	18.18	cps
Gadolinium	160-2	243	257	203	234	11.84	cps
Holmium	165-1	15624637	16031910	15741760	15799436	1.33	cps
Holmium	165-2	8244932	8304438	8384768	8311380	0.84	cps
Indium	115-1	11621577	11924188	11705202	11750322	1.33	cps
Indium	115-2	2301546	2300203	2295341	2299030	0.14	cps
Iron	56-2	374741608	371708553	375866275	374105479	0.57	cps
Iron	57-2	9121114	9244614	9276450	9214059	0.89	cps
Lead	206-1	4505774	4491786	4453296	4483619	0.61	cps
Lead	207-1	4073663	4022805	3998018	4031495	0.96	cps
Lead	208-1	19107663	18994705	18952188	19018186	0.42	cps
Lithium	6-1	2540649	2562292	2537135	2546692	0.53	cps
Magnesium	24-2	64355516	66693858	66454097	65834490	1.95	cps
Manganese	55-2	1912454	1911174	1922160	1915263	0.31	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:04:26	DataFile Name :	056CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11958309	11882033	11925304	11921882	0.32	cps
Molybdenum	95-1	14496502	14437254	14540832	14491529	0.36	cps
Molybdenum	96-1	15924237	16017462	16080166	16007288	0.49	cps
Molybdenum	97-1	9022676	9007066	9031928	9020556	0.14	cps
Molybdenum	98-1	23278402	23302061	23412966	23331143	0.31	cps
Neodymium	150-1	473	547	540	520	7.80	cps
Neodymium	150-2	67	83	110	87	25.22	cps
Nickel	60-2	700481	711052	718790	710107	1.29	cps
Phosphorus	31-2	57160	58432	58550	58047	1.33	cps
Potassium	39-2	31845881	32842609	32829028	32505839	1.76	cps
Rhodium	103-1	10289682	10447005	10305121	10347270	0.84	cps
Rhodium	103-2	5108438	5114399	5139103	5120647	0.32	cps
Scandium	45-1	6877516	6973224	6900189	6916976	0.72	cps
Scandium	45-2	308066	308833	309331	308743	0.21	cps
Selenium	77-2	4567	4814	4868	4750	3.37	cps
Selenium	78-2	15977	16558	16319	16285	1.79	cps
Selenium	82-1	95344	95402	95521	95422	0.09	cps
Silicon	28-1	4123704	4231393	4336088	4230395	2.51	cps
Silver	109-1	7069391	7072229	7092125	7077915	0.18	cps
Silver	107-1	7421073	7448090	7436178	7435114	0.18	cps
Sodium	23-2	119775778	124511632	125314828	123200746	2.43	cps
Strontium	86-1	1722210	1730626	1723224	1725354	0.27	cps
Strontium	88-1	16139318	16294580	16393839	16275912	0.79	cps
Sulfur	34-1	945373	949669	948352	947798	0.23	cps
Terbium	159-1	16127051	16441434	16174243	16247576	1.04	cps
Terbium	159-2	8091047	8235128	8240282	8188819	1.03	cps
Thallium	203-1	6042381	6047918	6031662	6040654	0.14	cps
Thallium	205-1	14482883	14517410	14481488	14493927	0.14	cps
Tin	118-1	4863229	4853509	4595268	4770669	3.19	cps
Titanium	47-1	3492986	3516243	3508163	3505797	0.34	cps
Uranium	238-1	20398288	20312974	20285306	20332190	0.29	cps
Vanadium	51-2	1333477	1344496	1353791	1343921	0.76	cps
Yttrium	89-1	11898263	12180505	12043324	12040697	1.17	cps
Yttrium	89-2	1734639	1736042	1737664	1736115	0.09	cps
Zinc	66-2	514308	528720	530389	524472	1.69	cps
Zirconium	90-1	9914441	9877423	9908912	9900259	0.20	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:04:26	DataFile Name :	056CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2053832	2032842	2032423	2039699	0.60	cps

LB Number : LB96824 Operator : Jaswal
 Lab Sample ID : CCB05 Instrumnet Name : P7
 Client Sample ID : CCB05 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 18:10:08 DataFile Name : 057CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	125	42	67	76.04	cps
Antimony	121-1	2025	1817	2084	1975	7.10	cps
Arsenic	75-2	15	15	15	15	0.00	cps
Barium	135-1	150	125	167	147	14.24	cps
Barium	137-1	233	208	217	219	5.80	cps
Beryllium	9-1	117	150	122	130	13.77	cps
Bismuth	209-1	10578493	10459294	10542969	10526919	0.58	cps
Bismuth	209-2	6395098	6397743	6433880	6408907	0.34	cps
Boron	10-1	2867	3292	2692	2950	10.46	cps
Boron	11-1	13715	12789	12464	12989	5.00	cps
Cadmium	111-1	2131	2040	2093	2088	2.20	cps
Cadmium	106-1	5176	4984	4976	5046	2.24	cps
Cadmium	108-1	8	29	8	15	78.76	cps
Calcium	43-1	475	342	558	458	23.85	cps
Calcium	44-1	13423	12239	12523	12728	4.86	cps
Chromium	52-2	650	543	677	623	11.32	cps
Cobalt	59-2	63	60	63	62	3.09	cps
Copper	63-2	1957	1793	1883	1878	4.36	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	75	58	50	60.09	cps
Erbium	164-2	37	13	17	22	56.80	cps
Gadolinium	160-1	67	142	83	97	40.50	cps
Gadolinium	160-2	187	250	183	207	18.18	cps
Holmium	165-1	16109094	15917433	15768909	15931812	1.07	cps
Holmium	165-2	8334861	8294109	8335271	8321414	0.28	cps
Indium	115-1	12565802	12554301	12593997	12571367	0.16	cps
Indium	115-2	2393188	2394138	2419145	2402157	0.61	cps
Iron	56-2	10348	9448	8742	9513	8.47	cps
Iron	57-2	422	322	428	391	15.20	cps
Lead	206-1	583	628	589	600	4.04	cps
Lead	207-1	700	611	511	607	15.56	cps
Lead	208-1	2761	2622	2478	2621	5.41	cps
Lithium	6-1	2733765	2716739	2711799	2720768	0.42	cps
Magnesium	24-2	1258	1025	950	1078	14.92	cps
Manganese	55-2	63	70	47	60	20.03	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:10:08	DataFile Name :	057CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1183	1000	992	1058	10.24	cps
Molybdenum	95-1	1225	900	892	1006	18.91	cps
Molybdenum	96-1	1000	1050	983	1011	3.43	cps
Molybdenum	97-1	750	575	508	611	20.42	cps
Molybdenum	98-1	1650	1425	1367	1481	10.11	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	157	140	200	166	18.71	cps
Phosphorus	31-2	300	342	350	331	8.10	cps
Potassium	39-2	32988	33556	32637	33060	1.40	cps
Rhodium	103-1	11462459	11400315	11334568	11399114	0.56	cps
Rhodium	103-2	5510357	5480855	5553387	5514866	0.66	cps
Scandium	45-1	7032741	6998926	6975194	7002287	0.41	cps
Scandium	45-2	302304	299411	303193	301636	0.66	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	74	56	81	70	18.97	cps
Selenium	82-1	5	51	14	24	103.61	cps
Silicon	28-1	409509	410202	407760	409157	0.31	cps
Silver	109-1	558	642	625	608	7.25	cps
Silver	107-1	725	675	883	761	14.29	cps
Sodium	23-2	18429	17694	16969	17697	4.13	cps
Strontium	86-1	825	792	858	825	4.04	cps
Strontium	88-1	408	358	450	406	11.32	cps
Sulfur	34-1	454967	454046	454858	454624	0.11	cps
Terbium	159-1	16391531	16373279	16376769	16380526	0.06	cps
Terbium	159-2	8192719	8158873	8161850	8171147	0.23	cps
Thallium	203-1	842	775	817	811	4.15	cps
Thallium	205-1	2225	1900	1909	2011	9.21	cps
Tin	118-1	2542	2492	2117	2384	9.75	cps
Titanium	47-1	258	175	208	214	19.61	cps
Uranium	238-1	508	450	333	431	20.70	cps
Vanadium	51-2	27	27	30	28	6.92	cps
Yttrium	89-1	12292593	12311190	12274549	12292777	0.15	cps
Yttrium	89-2	1716004	1715678	1738423	1723368	0.76	cps
Zinc	66-2	210	253	237	233	9.37	cps
Zirconium	90-1	1792	1525	1734	1684	8.33	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:10:08	DataFile Name :	057CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	400	392	375	389	3.27	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:14:44	DataFile Name :	058LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1950	2000	1934	1961	1.77	cps
Antimony	121-1	22878	22060	21684	22207	2.75	cps
Arsenic	75-2	376	363	370	370	1.76	cps
Barium	135-1	26668	26626	26685	26660	0.11	cps
Barium	137-1	46286	45551	45985	45941	0.80	cps
Beryllium	9-1	2406	2200	2228	2278	4.90	cps
Bismuth	209-1	10640337	10642578	10539356	10607424	0.56	cps
Bismuth	209-2	6458119	6341539	6430052	6409903	0.95	cps
Boron	10-1	8019	8044	7619	7894	3.02	cps
Boron	11-1	37213	37865	38032	37704	1.15	cps
Cadmium	111-1	4652	4638	4373	4555	3.45	cps
Cadmium	106-1	5268	4926	4751	4982	5.28	cps
Cadmium	108-1	275	225	283	261	12.08	cps
Calcium	43-1	14725	15000	15225	14983	1.67	cps
Calcium	44-1	246234	245584	246397	246072	0.17	cps
Chromium	52-2	7499	7235	7279	7337	1.93	cps
Cobalt	59-2	5478	5144	5378	5333	3.21	cps
Copper	63-2	9757	9877	9266	9633	3.36	cps
Dysprosium	156-1	8	17	42	22	78.07	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	133	67	117	106	32.87	cps
Erbium	164-2	40	30	33	34	14.78	cps
Gadolinium	160-1	150	125	83	119	28.20	cps
Gadolinium	160-2	277	197	257	243	17.11	cps
Holmium	165-1	16184255	16063246	15931449	16059650	0.79	cps
Holmium	165-2	8404881	8322517	8378448	8368615	0.50	cps
Indium	115-1	12684433	12688331	12562185	12644983	0.57	cps
Indium	115-2	2412922	2382634	2386550	2394035	0.69	cps
Iron	56-2	144044	139495	142383	141974	1.62	cps
Iron	57-2	3656	3412	3717	3595	4.50	cps
Lead	206-1	9520	9971	10221	9904	3.58	cps
Lead	207-1	8892	8753	8603	8749	1.65	cps
Lead	208-1	39669	40353	39980	40001	0.86	cps
Lithium	6-1	2756415	2742295	2727850	2742187	0.52	cps
Magnesium	24-2	113476	111184	112479	112380	1.02	cps
Manganese	55-2	1934	2044	2080	2019	3.78	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:14:44	DataFile Name :	058LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	22134	21550	21909	21865	1.35	cps
Molybdenum	95-1	27143	26192	26592	26642	1.79	cps
Molybdenum	96-1	29974	29523	28479	29326	2.61	cps
Molybdenum	97-1	16685	16919	16994	16866	0.95	cps
Molybdenum	98-1	43091	42406	41863	42453	1.45	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1777	1690	1810	1759	3.52	cps
Phosphorus	31-2	358	350	367	358	2.33	cps
Potassium	39-2	145095	145658	143456	144736	0.79	cps
Rhodium	103-1	11546163	11417726	11325092	11429660	0.97	cps
Rhodium	103-2	5545372	5514913	5567080	5542455	0.47	cps
Scandium	45-1	7062633	7015747	6978087	7018822	0.60	cps
Scandium	45-2	301816	296405	300788	299670	0.96	cps
Selenium	77-2	67	47	23	46	47.61	cps
Selenium	78-2	254	226	259	246	7.25	cps
Selenium	82-1	860	1037	912	936	9.68	cps
Silicon	28-1	501513	494907	498644	498355	0.66	cps
Silver	109-1	13582	13757	13474	13604	1.05	cps
Silver	107-1	14666	14817	14149	14544	2.41	cps
Sodium	23-2	230145	227159	226339	227881	0.88	cps
Strontium	86-1	4017	4176	4276	4156	3.14	cps
Strontium	88-1	30475	29690	29431	29865	1.82	cps
Sulfur	34-1	457236	455968	454681	455962	0.28	cps
Terbium	159-1	16616051	16535737	16451456	16534414	0.50	cps
Terbium	159-2	8275742	8136901	8175395	8196013	0.87	cps
Thallium	203-1	11831	11539	11689	11686	1.25	cps
Thallium	205-1	28933	28598	29091	28874	0.87	cps
Tin	118-1	47289	46420	45825	46511	1.58	cps
Titanium	47-1	7369	7277	6810	7152	4.19	cps
Uranium	238-1	36603	37171	37046	36940	0.81	cps
Vanadium	51-2	12522	12392	12128	12348	1.62	cps
Yttrium	89-1	12433829	12369217	12276783	12359943	0.64	cps
Yttrium	89-2	1736763	1702380	1727172	1722105	1.03	cps
Zinc	66-2	1557	1367	1350	1425	8.06	cps
Zirconium	90-1	20424	20173	19080	19892	3.59	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:14:44	DataFile Name :	058LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4251	4584	4643	4493	4.71	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	PB111378BL	Instrumnet Name :	P7
Client Sample ID :	PB111378BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:18:17	DataFile Name :	059LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	33	33	36	13.33	cps
Antimony	121-1	442	550	500	497	10.90	cps
Arsenic	75-2	6	9	13	9	39.96	cps
Barium	135-1	0	33	0	11	173.21	cps
Barium	137-1	58	50	50	53	9.12	cps
Beryllium	9-1	50	83	83	72	26.65	cps
Bismuth	209-1	10214315	10428864	10423939	10355706	1.18	cps
Bismuth	209-2	6175409	6167552	6319344	6220768	1.37	cps
Boron	10-1	1809	1350	1517	1558	14.89	cps
Boron	11-1	7661	7669	7369	7566	2.26	cps
Cadmium	111-1	1983	2088	1875	1982	5.39	cps
Cadmium	106-1	4934	5134	4693	4921	4.50	cps
Cadmium	108-1	17	4	33	18	81.02	cps
Calcium	43-1	350	267	358	325	15.60	cps
Calcium	44-1	10096	9862	9945	9968	1.19	cps
Chromium	52-2	530	510	570	537	5.69	cps
Cobalt	59-2	67	63	20	50	52.07	cps
Copper	63-2	2247	2200	2444	2297	5.62	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	33	50	50	44	21.66	cps
Erbium	164-2	17	30	17	21	36.45	cps
Gadolinium	160-1	125	117	108	117	7.14	cps
Gadolinium	160-2	227	227	187	213	10.83	cps
Holmium	165-1	15410232	15802440	15678715	15630462	1.28	cps
Holmium	165-2	8042357	8117885	8233702	8131314	1.19	cps
Indium	115-1	12430196	12435259	12324159	12396538	0.51	cps
Indium	115-2	2312754	2313574	2383079	2336469	1.73	cps
Iron	56-2	5001	4756	4790	4849	2.74	cps
Iron	57-2	261	400	200	287	35.71	cps
Lead	206-1	450	467	411	443	6.44	cps
Lead	207-1	461	478	444	461	3.61	cps
Lead	208-1	1872	2056	1800	1909	6.90	cps
Lithium	6-1	2657828	2687308	2701547	2682228	0.83	cps
Magnesium	24-2	183	175	217	192	11.50	cps
Manganese	55-2	17	30	17	21	36.45	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	PB111378BL	Instrumnet Name :	P7
Client Sample ID :	PB111378BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:18:17	DataFile Name :	059LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	450	683	400	511	29.59	cps
Molybdenum	95-1	133	200	150	161	21.53	cps
Molybdenum	96-1	258	233	317	269	15.87	cps
Molybdenum	97-1	200	108	67	125	54.57	cps
Molybdenum	98-1	258	250	242	250	3.33	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	133	153	160	149	9.32	cps
Phosphorus	31-2	433	292	483	403	24.68	cps
Potassium	39-2	31902	30791	31434	31376	1.78	cps
Rhodium	103-1	11132447	11175246	11205134	11170942	0.33	cps
Rhodium	103-2	5368664	5339109	5478449	5395407	1.36	cps
Scandium	45-1	6826584	6904632	6884447	6871888	0.59	cps
Scandium	45-2	286702	292018	297046	291922	1.77	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	80	98	94	91	10.80	cps
Selenium	82-1	41	-64	-31	-18	-298.96	cps
Silicon	28-1	402530	400693	401032	401418	0.24	cps
Silver	109-1	300	217	225	247	18.57	cps
Silver	107-1	242	367	225	278	27.88	cps
Sodium	23-2	12289	12322	12130	12247	0.84	cps
Strontium	86-1	1017	692	917	875	19.02	cps
Strontium	88-1	142	125	117	128	9.96	cps
Sulfur	34-1	458010	455623	455065	456233	0.34	cps
Terbium	159-1	15936892	16244338	16223959	16135063	1.07	cps
Terbium	159-2	7835734	7978551	8118498	7977595	1.77	cps
Thallium	203-1	233	117	250	200	36.32	cps
Thallium	205-1	558	442	575	525	13.84	cps
Tin	118-1	2000	1775	2118	1964	8.86	cps
Titanium	47-1	67	150	92	103	41.61	cps
Uranium	238-1	8	8	50	22	108.27	cps
Vanadium	51-2	17	23	23	21	18.21	cps
Yttrium	89-1	11927076	12108101	12139935	12058371	0.95	cps
Yttrium	89-2	1662185	1662552	1693660	1672799	1.08	cps
Zinc	66-2	230	303	317	283	16.47	cps
Zirconium	90-1	1200	1367	1242	1270	6.83	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	PB111378BL	Instrumnet Name :	P7
Client Sample ID :	PB111378BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:18:17	DataFile Name :	059LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	208	300	225	244	19.98	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	PB111378BS	Instrumnet Name :	P7
Client Sample ID :	PB111378BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:22:37	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	946889	944805	943763	945152	0.17	cps
Antimony	121-1	5692273	5752181	5709491	5717982	0.54	cps
Arsenic	75-2	176295	175564	175566	175808	0.24	cps
Barium	135-1	7125422	7140155	7093761	7119779	0.33	cps
Barium	137-1	12427268	12564421	12489615	12493768	0.55	cps
Beryllium	9-1	1003056	1012809	1011968	1009277	0.54	cps
Bismuth	209-1	9867454	9943709	10053524	9954896	0.94	cps
Bismuth	209-2	6066541	6045900	6081385	6064609	0.29	cps
Boron	10-1	121091	124915	128080	124695	2.81	cps
Boron	11-1	571552	584573	594954	583693	2.01	cps
Cadmium	111-1	1338318	1350315	1339055	1342563	0.50	cps
Cadmium	106-1	157019	155762	153768	155517	1.05	cps
Cadmium	108-1	107038	106878	104931	106282	1.10	cps
Calcium	43-1	1450275	1461997	1447498	1453257	0.53	cps
Calcium	44-1	25630595	25515854	25398618	25515022	0.45	cps
Chromium	52-2	1509516	1518142	1513584	1513747	0.29	cps
Cobalt	59-2	2497272	2492221	2487676	2492390	0.19	cps
Copper	63-2	3523234	3530320	3512668	3522074	0.25	cps
Dysprosium	156-1	183	108	92	128	38.21	cps
Dysprosium	156-2	90	103	110	101	10.07	cps
Erbium	164-1	50	92	50	64	37.66	cps
Erbium	164-2	30	27	37	31	16.37	cps
Gadolinium	160-1	117	167	192	158	24.12	cps
Gadolinium	160-2	253	220	260	244	8.77	cps
Holmium	165-1	15525464	15627759	15653720	15602314	0.43	cps
Holmium	165-2	8214607	8274523	8221581	8236904	0.40	cps
Indium	115-1	11822281	11933455	11997559	11917765	0.74	cps
Indium	115-2	2294721	2298128	2293518	2295456	0.10	cps
Iron	56-2	70856228	70975421	70893871	70908507	0.09	cps
Iron	57-2	1611546	1607110	1599911	1606189	0.37	cps
Lead	206-1	4432578	4412099	4433488	4426055	0.27	cps
Lead	207-1	3962655	3974488	3990818	3975987	0.36	cps
Lead	208-1	18798241	18896441	18978130	18890937	0.48	cps
Lithium	6-1	2594784	2583679	2599985	2592816	0.32	cps
Magnesium	24-2	11977354	11951747	11896816	11941972	0.34	cps
Manganese	55-2	1789547	1781175	1780428	1783717	0.28	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	PB111378BS	Instrumnet Name :	P7
Client Sample ID :	PB111378BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:22:37	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11390490	11436120	11357116	11394575	0.35	cps
Molybdenum	95-1	13906003	13930459	13918750	13918404	0.09	cps
Molybdenum	96-1	15337524	15464178	15314269	15371990	0.52	cps
Molybdenum	97-1	8641030	8719112	8587405	8649182	0.77	cps
Molybdenum	98-1	22283642	22565167	22197449	22348753	0.86	cps
Neodymium	150-1	473	640	480	531	17.77	cps
Neodymium	150-2	57	77	70	68	15.02	cps
Nickel	60-2	665414	665401	663135	664650	0.20	cps
Phosphorus	31-2	54408	53070	51866	53115	2.39	cps
Potassium	39-2	5966391	5964524	5932687	5954534	0.32	cps
Rhodium	103-1	10597791	10693032	10643957	10644927	0.45	cps
Rhodium	103-2	5243045	5236810	5218481	5232779	0.24	cps
Scandium	45-1	6783295	6777344	6774777	6778472	0.06	cps
Scandium	45-2	291813	293664	292535	292671	0.32	cps
Selenium	77-2	4537	4261	4157	4318	4.55	cps
Selenium	78-2	15403	15360	15114	15292	1.02	cps
Selenium	82-1	91362	91180	91651	91397	0.26	cps
Silicon	28-1	3833610	3899263	3887724	3873532	0.90	cps
Silver	109-1	6833217	6866061	6818344	6839207	0.36	cps
Silver	107-1	7218181	7207564	7196450	7207399	0.15	cps
Sodium	23-2	22163300	22082978	22009741	22085339	0.35	cps
Strontium	86-1	1634414	1666944	1648552	1649970	0.99	cps
Strontium	88-1	15589509	15819411	15621583	15676834	0.79	cps
Sulfur	34-1	925846	928014	910614	921491	1.03	cps
Terbium	159-1	15935670	16053784	16323602	16104352	1.23	cps
Terbium	159-2	8133067	8125883	8094922	8117957	0.25	cps
Thallium	203-1	6016761	6029315	6014291	6020122	0.13	cps
Thallium	205-1	14438888	14331033	14324138	14364686	0.45	cps
Tin	118-1	4361489	4376392	4797461	4511781	5.49	cps
Titanium	47-1	3353819	3344772	3317981	3338857	0.56	cps
Uranium	238-1	19464301	19880709	19671414	19672141	1.06	cps
Vanadium	51-2	1226693	1235749	1230310	1230918	0.37	cps
Yttrium	89-1	11846429	11900774	11943726	11896976	0.41	cps
Yttrium	89-2	1672076	1684678	1672697	1676484	0.42	cps
Zinc	66-2	522158	523146	522274	522526	0.10	cps
Zirconium	90-1	9463622	9472847	9471053	9469174	0.05	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	PB111378BS	Instrumnet Name :	P7
Client Sample ID :	PB111378BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:22:37	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1941982	1946506	1936403	1941631	0.26	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-01	Instrumnet Name :	P7
Client Sample ID :	S45-0046	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:26:10	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2423700	2432111	2469221	2441677	0.99	cps
Antimony	121-1	5301	4801	5126	5076	5.00	cps
Arsenic	75-2	20911	20872	21381	21055	1.34	cps
Barium	135-1	267365	267274	268905	267848	0.34	cps
Barium	137-1	469729	471403	471633	470922	0.22	cps
Beryllium	9-1	2600	2823	2650	2691	4.33	cps
Bismuth	209-1	9680576	9835738	9891007	9802441	1.11	cps
Bismuth	209-2	6013201	6045389	6179387	6079326	1.45	cps
Boron	10-1	6318	5243	5485	5682	9.93	cps
Boron	11-1	28119	26399	23970	26162	7.97	cps
Cadmium	111-1	2616	2492	2406	2505	4.21	cps
Cadmium	106-1	5860	5735	5218	5604	6.07	cps
Cadmium	108-1	225	342	229	265	24.95	cps
Calcium	43-1	228617	232457	232331	231135	0.94	cps
Calcium	44-1	4026301	4056617	4053026	4045315	0.41	cps
Chromium	52-2	194930	194886	197879	195898	0.88	cps
Cobalt	59-2	103861	103717	105962	104513	1.20	cps
Copper	63-2	199828	201358	203088	201425	0.81	cps
Dysprosium	156-1	99132	100231	99703	99689	0.55	cps
Dysprosium	156-2	51503	51095	52209	51602	1.09	cps
Erbium	164-1	82206	82299	82021	82175	0.17	cps
Erbium	164-2	42349	43522	42305	42726	1.62	cps
Gadolinium	160-1	89467	89560	90239	89755	0.47	cps
Gadolinium	160-2	49683	51302	51356	50780	1.87	cps
Holmium	165-1	15028960	15304596	15266328	15199961	0.98	cps
Holmium	165-2	8018933	8073113	8242655	8111567	1.44	cps
Indium	115-1	11661941	11999872	11825922	11829245	1.43	cps
Indium	115-2	2260365	2274660	2328348	2287791	1.57	cps
Iron	56-2	133701817	134538850	135727945	134656204	0.76	cps
Iron	57-2	3003935	3022697	3041893	3022842	0.63	cps
Lead	206-1	255157	261763	260106	259009	1.33	cps
Lead	207-1	201520	206915	208131	205522	1.71	cps
Lead	208-1	966403	974422	986913	975913	1.06	cps
Lithium	6-1	2538305	2568859	2576874	2561346	0.79	cps
Magnesium	24-2	2432581	2445813	2501592	2459995	1.49	cps
Manganese	55-2	1248961	1254493	1274403	1259286	1.06	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-01	Instrumnet Name :	P7
Client Sample ID :	S45-0046	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:26:10	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	64405	65048	64755	64736	0.50	cps
Molybdenum	95-1	6143	6385	6143	6224	2.24	cps
Molybdenum	96-1	19097	18721	18071	18630	2.79	cps
Molybdenum	97-1	3967	3851	3934	3917	1.53	cps
Molybdenum	98-1	9779	9837	9654	9757	0.96	cps
Neodymium	150-1	150424	150076	151590	150697	0.53	cps
Neodymium	150-2	62474	62049	63007	62510	0.77	cps
Nickel	60-2	81143	83040	83063	82415	1.34	cps
Phosphorus	31-2	10521	11121	10929	10857	2.82	cps
Potassium	39-2	1185084	1186772	1207184	1193014	1.03	cps
Rhodium	103-1	10473079	10761863	10598470	10611137	1.36	cps
Rhodium	103-2	5179126	5186831	5314862	5226940	1.46	cps
Scandium	45-1	6604114	6772197	6739115	6705142	1.33	cps
Scandium	45-2	289168	288975	297433	291859	1.65	cps
Selenium	77-2	193	187	190	190	1.76	cps
Selenium	78-2	217	215	222	218	1.77	cps
Selenium	82-1	130	105	197	144	32.74	cps
Silicon	28-1	2958557	2866670	3008254	2944493	2.44	cps
Silver	109-1	2459	1950	2334	2248	11.79	cps
Silver	107-1	2534	2550	2634	2573	2.08	cps
Sodium	23-2	116928	114241	115844	115671	1.17	cps
Strontium	86-1	57090	56940	57927	57319	0.93	cps
Strontium	88-1	488939	491470	493272	491227	0.44	cps
Sulfur	34-1	415910	417329	408016	413752	1.21	cps
Terbium	159-1	15471642	15861977	15792471	15708697	1.33	cps
Terbium	159-2	7890077	7975237	8100018	7988444	1.32	cps
Thallium	203-1	4851	4834	4626	4771	2.63	cps
Thallium	205-1	11188	11605	10738	11177	3.88	cps
Tin	118-1	10037	9604	9304	9648	3.82	cps
Titanium	47-1	1406561	1415620	1419166	1413783	0.46	cps
Uranium	238-1	231115	233313	232794	232407	0.49	cps
Vanadium	51-2	129819	131631	132569	131339	1.06	cps
Yttrium	89-1	12504474	12760043	12748001	12670839	1.14	cps
Yttrium	89-2	1774617	1784080	1832205	1796967	1.72	cps
Zinc	66-2	54997	55385	55244	55208	0.36	cps
Zirconium	90-1	166026	166761	166466	166418	0.22	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-01	Instrumnet Name :	P7
Client Sample ID :	S45-0046	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:26:10	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	38002	37082	37901	37662	1.34	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-01DUP	Instrumnet Name :	P7
Client Sample ID :	S45-0046DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:29:47	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2445869	2475873	2468995	2463579	0.64	cps
Antimony	121-1	2725	2792	2900	2806	3.15	cps
Arsenic	75-2	21768	21310	21134	21404	1.53	cps
Barium	135-1	269397	270681	272617	270899	0.60	cps
Barium	137-1	473573	481296	473017	475962	0.97	cps
Beryllium	9-1	2389	2439	2506	2445	2.39	cps
Bismuth	209-1	9700087	9878492	10124989	9901189	2.15	cps
Bismuth	209-2	6210789	6183116	6217390	6203765	0.29	cps
Boron	10-1	2767	2942	2967	2892	3.77	cps
Boron	11-1	12731	12881	11988	12533	3.81	cps
Cadmium	111-1	2515	2582	2391	2496	3.87	cps
Cadmium	106-1	5560	5660	5385	5535	2.52	cps
Cadmium	108-1	233	213	208	218	6.14	cps
Calcium	43-1	224994	223532	221579	223368	0.77	cps
Calcium	44-1	3616994	3619561	3621254	3619270	0.06	cps
Chromium	52-2	197304	197507	197038	197283	0.12	cps
Cobalt	59-2	105761	104781	105475	105339	0.48	cps
Copper	63-2	203422	205261	202016	203567	0.80	cps
Dysprosium	156-1	98436	98485	97956	98293	0.30	cps
Dysprosium	156-2	50717	51814	52430	51653	1.68	cps
Erbium	164-1	82918	82549	81895	82454	0.63	cps
Erbium	164-2	42232	42342	42723	42432	0.61	cps
Gadolinium	160-1	89450	90558	89484	89831	0.70	cps
Gadolinium	160-2	49620	51670	51834	51041	2.42	cps
Holmium	165-1	14973983	15427310	15695620	15365637	2.37	cps
Holmium	165-2	8349966	8321367	8344441	8338591	0.18	cps
Indium	115-1	11627182	11830096	12128546	11861941	2.13	cps
Indium	115-2	2334741	2342808	2345407	2340985	0.24	cps
Iron	56-2	135498561	136248281	135164628	135637157	0.41	cps
Iron	57-2	3022900	3036155	3035598	3031551	0.25	cps
Lead	206-1	252740	259529	256534	256268	1.33	cps
Lead	207-1	203749	203213	202945	203302	0.20	cps
Lead	208-1	971066	974513	968914	971498	0.29	cps
Lithium	6-1	2775604	2577244	2635498	2662782	3.83	cps
Magnesium	24-2	2464454	2480265	2462699	2469139	0.39	cps
Manganese	55-2	1263980	1273016	1267771	1268256	0.36	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-01DUP	Instrumnet Name :	P7
Client Sample ID :	S45-0046DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:29:47	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	63358	64187	62696	63414	1.18	cps
Molybdenum	95-1	4951	4509	4493	4651	5.59	cps
Molybdenum	96-1	16894	17428	17328	17217	1.65	cps
Molybdenum	97-1	3184	3209	2959	3117	4.42	cps
Molybdenum	98-1	7962	6885	7110	7319	7.76	cps
Neodymium	150-1	151301	152003	152015	151773	0.27	cps
Neodymium	150-2	63485	63348	64674	63836	1.14	cps
Nickel	60-2	83788	85185	83553	84175	1.05	cps
Phosphorus	31-2	10479	10696	10171	10449	2.53	cps
Potassium	39-2	1207251	1213914	1210368	1210511	0.28	cps
Rhodium	103-1	10449356	10585888	10952018	10662421	2.44	cps
Rhodium	103-2	5393044	5383167	5371945	5382719	0.20	cps
Scandium	45-1	6698296	6712924	6892869	6768030	1.60	cps
Scandium	45-2	294452	295942	298784	296393	0.74	cps
Selenium	77-2	200	197	233	210	9.66	cps
Selenium	78-2	211	237	224	224	5.79	cps
Selenium	82-1	156	129	182	156	17.25	cps
Silicon	28-1	2972910	3036410	3170724	3060015	3.30	cps
Silver	109-1	1742	1942	2225	1970	12.33	cps
Silver	107-1	2267	1850	1967	2028	10.60	cps
Sodium	23-2	118080	120372	115844	118099	1.92	cps
Strontium	86-1	58663	57215	58737	58205	1.47	cps
Strontium	88-1	499447	495640	500377	498488	0.50	cps
Sulfur	34-1	383488	380037	374408	379311	1.21	cps
Terbium	159-1	15452719	15799857	16208660	15820412	2.39	cps
Terbium	159-2	8064428	8182239	8190803	8145823	0.87	cps
Thallium	203-1	3909	4026	3617	3851	5.46	cps
Thallium	205-1	9554	9671	9504	9576	0.89	cps
Tin	118-1	8461	8328	8453	8414	0.89	cps
Titanium	47-1	1446535	1447402	1439697	1444545	0.29	cps
Uranium	238-1	233707	231249	229018	231325	1.01	cps
Vanadium	51-2	131190	132195	131964	131783	0.40	cps
Yttrium	89-1	12504297	12702825	13002844	12736655	1.97	cps
Yttrium	89-2	1828224	1825103	1845106	1832811	0.59	cps
Zinc	66-2	57088	57443	57238	57256	0.31	cps
Zirconium	90-1	167551	165807	166176	166511	0.55	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-01DUP	Instrumnet Name :	P7
Client Sample ID :	S45-0046DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:29:47	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	36656	35695	37943	36765	3.07	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-01LX5	Instrumnet Name :	P7
Client Sample ID :	S45-0046L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-23 18:33:22	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	492501	493399	492597	492832	0.10	cps
Antimony	121-1	975	708	908	864	16.07	cps
Arsenic	75-2	4286	4230	4449	4322	2.63	cps
Barium	135-1	54148	54826	54081	54351	0.76	cps
Barium	137-1	94185	95175	97123	95494	1.57	cps
Beryllium	9-1	639	494	639	591	14.12	cps
Bismuth	209-1	10585991	10648624	10396278	10543631	1.25	cps
Bismuth	209-2	6557911	6540775	6477417	6525368	0.65	cps
Boron	10-1	2184	1600	1767	1850	16.24	cps
Boron	11-1	8461	8703	8528	8564	1.46	cps
Cadmium	111-1	2006	2062	2036	2034	1.37	cps
Cadmium	106-1	4834	5093	4959	4962	2.60	cps
Cadmium	108-1	46	54	63	54	15.39	cps
Calcium	43-1	49308	49935	50236	49826	0.95	cps
Calcium	44-1	811693	809567	811859	811040	0.16	cps
Chromium	52-2	40078	40205	39085	39789	1.54	cps
Cobalt	59-2	21292	20818	21416	21176	1.49	cps
Copper	63-2	42619	42024	42385	42342	0.71	cps
Dysprosium	156-1	19682	19373	20115	19723	1.89	cps
Dysprosium	156-2	10274	10297	10367	10313	0.47	cps
Erbium	164-1	17220	16970	17061	17084	0.74	cps
Erbium	164-2	8146	8610	8456	8404	2.81	cps
Gadolinium	160-1	17904	18188	17929	18007	0.87	cps
Gadolinium	160-2	9974	10421	10257	10217	2.21	cps
Holmium	165-1	16164740	16182308	15862922	16069990	1.12	cps
Holmium	165-2	8619186	8607115	8449116	8558472	1.11	cps
Indium	115-1	12717317	12824099	12426005	12655807	1.63	cps
Indium	115-2	2447591	2446089	2411628	2435103	0.84	cps
Iron	56-2	27087164	27225991	27063119	27125425	0.32	cps
Iron	57-2	610232	611419	608979	610210	0.20	cps
Lead	206-1	53023	52130	52548	52567	0.85	cps
Lead	207-1	41644	42296	42780	42240	1.35	cps
Lead	208-1	197573	199129	200458	199053	0.73	cps
Lithium	6-1	2694322	2705874	2662547	2687581	0.83	cps
Magnesium	24-2	495859	495853	491237	494317	0.54	cps
Manganese	55-2	254971	255192	253162	254442	0.44	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-01LX5	Instrumnet Name :	P7
Client Sample ID :	S45-0046L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-23 18:33:22	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13382	13215	13490	13362	1.04	cps
Molybdenum	95-1	1050	958	1050	1020	5.19	cps
Molybdenum	96-1	3567	3334	3559	3487	3.80	cps
Molybdenum	97-1	667	583	642	631	6.78	cps
Molybdenum	98-1	1267	1725	1575	1522	15.35	cps
Neodymium	150-1	31056	30294	30214	30521	1.52	cps
Neodymium	150-2	12482	12586	12306	12458	1.14	cps
Nickel	60-2	16730	17093	17194	17006	1.44	cps
Phosphorus	31-2	2542	2375	2192	2370	7.39	cps
Potassium	39-2	262466	265865	263356	263896	0.67	cps
Rhodium	103-1	11550822	11524068	11271285	11448725	1.35	cps
Rhodium	103-2	5716777	5674573	5586283	5659211	1.18	cps
Scandium	45-1	7106603	7099547	7005438	7070529	0.80	cps
Scandium	45-2	304035	303929	300432	302799	0.68	cps
Selenium	77-2	50	33	53	46	23.53	cps
Selenium	78-2	107	143	128	126	14.03	cps
Selenium	82-1	110	87	34	77	50.27	cps
Silicon	28-1	842992	857690	923185	874622	4.88	cps
Silver	109-1	633	692	600	642	7.23	cps
Silver	107-1	717	717	600	678	9.94	cps
Sodium	23-2	32971	32678	31994	32548	1.54	cps
Strontium	86-1	11705	12356	12231	12097	2.85	cps
Strontium	88-1	101734	101164	100937	101278	0.41	cps
Sulfur	34-1	370054	368875	370574	369834	0.24	cps
Terbium	159-1	16758288	16855474	16509099	16707620	1.07	cps
Terbium	159-2	8466467	8472616	8273333	8404138	1.35	cps
Thallium	203-1	1017	975	942	978	3.84	cps
Thallium	205-1	2334	2250	2317	2300	1.92	cps
Tin	118-1	3259	2950	2934	3048	6.01	cps
Titanium	47-1	287770	285889	287045	286901	0.33	cps
Uranium	238-1	47179	46803	46778	46920	0.48	cps
Vanadium	51-2	25652	26200	26297	26050	1.33	cps
Yttrium	89-1	12716576	12756803	12379642	12617674	1.64	cps
Yttrium	89-2	1780504	1790233	1757942	1776226	0.93	cps
Zinc	66-2	11194	11508	11458	11387	1.48	cps
Zirconium	90-1	34075	34626	34083	34261	0.92	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-01LX5	Instrumnet Name :	P7
Client Sample ID :	S45-0046L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-23 18:33:22	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	8028	7461	7511	7666	4.09	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-01MS	Instrumnet Name :	P7
Client Sample ID :	S45-0046MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:36:56	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3344007	3359346	3355985	3353113	0.24	cps
Antimony	121-1	3539351	3540840	3568642	3549611	0.46	cps
Arsenic	75-2	183115	182689	182732	182845	0.13	cps
Barium	135-1	6840102	6858897	6926960	6875320	0.66	cps
Barium	137-1	12016040	11957273	12067162	12013492	0.46	cps
Beryllium	9-1	946171	947525	952343	948679	0.34	cps
Bismuth	209-1	10046369	9104819	9548044	9566411	4.92	cps
Bismuth	209-2	5838813	5802381	5914189	5851794	0.97	cps
Boron	10-1	113039	115658	117956	115551	2.13	cps
Boron	11-1	524121	540758	551991	538957	2.60	cps
Cadmium	111-1	1232578	1224756	1239006	1232113	0.58	cps
Cadmium	106-1	145549	143116	145835	144833	1.03	cps
Cadmium	108-1	96711	98074	96089	96958	1.05	cps
Calcium	43-1	1635063	1625567	1652745	1637791	0.84	cps
Calcium	44-1	28714984	28749024	29087742	28850583	0.71	cps
Chromium	52-2	1611676	1615655	1619834	1615722	0.25	cps
Cobalt	59-2	2485986	2486082	2498408	2490159	0.29	cps
Copper	63-2	3496639	3509006	3488581	3498075	0.29	cps
Dysprosium	156-1	103598	102483	104101	103394	0.80	cps
Dysprosium	156-2	53942	53259	53169	53457	0.79	cps
Erbium	164-1	76808	75325	76397	76177	1.00	cps
Erbium	164-2	39474	39163	39340	39325	0.40	cps
Gadolinium	160-1	88334	86515	88107	87652	1.13	cps
Gadolinium	160-2	49629	49262	50697	49863	1.49	cps
Holmium	165-1	16045313	14122193	15151373	15106293	6.37	cps
Holmium	165-2	8036528	7979572	8102623	8039574	0.77	cps
Indium	115-1	12086648	10720727	11437638	11415004	5.99	cps
Indium	115-2	2207392	2193439	2211145	2203992	0.42	cps
Iron	56-2	196993093	198148232	197344604	197495310	0.30	cps
Iron	57-2	4789455	4814630	4791401	4798496	0.29	cps
Lead	206-1	4476643	4419907	4443996	4446849	0.64	cps
Lead	207-1	3848740	3833219	3847428	3843129	0.22	cps
Lead	208-1	18670353	18474112	18647301	18597255	0.58	cps
Lithium	6-1	2901612	2424644	2554000	2626752	9.39	cps
Magnesium	24-2	14115398	14186174	14150568	14150713	0.25	cps
Manganese	55-2	2995889	3004238	2987059	2995729	0.29	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-01MS	Instrumnet Name :	P7
Client Sample ID :	S45-0046MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:36:56	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10717609	10631810	10739698	10696372	0.53	cps
Molybdenum	95-1	12844280	12663771	12914654	12807568	1.01	cps
Molybdenum	96-1	14275880	14086195	14253016	14205030	0.73	cps
Molybdenum	97-1	7953094	7945130	7981762	7959995	0.24	cps
Molybdenum	98-1	20564580	20520550	20689555	20591562	0.43	cps
Neodymium	150-1	167142	164410	167142	166231	0.95	cps
Neodymium	150-2	70318	70221	70080	70206	0.17	cps
Nickel	60-2	717744	712347	711576	713889	0.47	cps
Phosphorus	31-2	7160	6835	7586	7194	5.23	cps
Potassium	39-2	6924183	6883617	6958762	6922187	0.54	cps
Rhodium	103-1	10764941	9604772	10180111	10183275	5.70	cps
Rhodium	103-2	5024528	5002850	5039985	5022454	0.37	cps
Scandium	45-1	7119823	6155665	6630615	6635368	7.27	cps
Scandium	45-2	284447	283035	287518	285000	0.80	cps
Selenium	77-2	4047	4064	4217	4110	2.28	cps
Selenium	78-2	13404	13547	13671	13541	0.99	cps
Selenium	82-1	80493	79345	80889	80242	1.00	cps
Silicon	28-1	11138965	12674554	11253292	11688937	7.32	cps
Silver	109-1	6428826	6344599	6404930	6392785	0.68	cps
Silver	107-1	6730846	6673227	6709372	6704482	0.43	cps
Sodium	23-2	21812704	21874832	21894085	21860540	0.19	cps
Strontium	86-1	1622278	1614597	1627631	1621502	0.40	cps
Strontium	88-1	15493220	15353034	15546638	15464297	0.65	cps
Sulfur	34-1	400365	400730	398171	399755	0.35	cps
Terbium	159-1	16433054	14629228	15647701	15569994	5.81	cps
Terbium	159-2	7893271	7776667	7917468	7862468	0.96	cps
Thallium	203-1	5809521	5698127	5807901	5771849	1.11	cps
Thallium	205-1	13939885	13524585	13919026	13794499	1.70	cps
Tin	118-1	3807759	3770686	3805094	3794513	0.54	cps
Titanium	47-1	4995048	5026221	5093416	5038228	1.00	cps
Uranium	238-1	19044418	19038168	19177645	19086744	0.41	cps
Vanadium	51-2	1298468	1299346	1302897	1300237	0.18	cps
Yttrium	89-1	13060356	11568832	12279246	12302811	6.06	cps
Yttrium	89-2	1732851	1734079	1742445	1736459	0.30	cps
Zinc	66-2	525055	527394	527145	526531	0.24	cps
Zirconium	90-1	9297383	9251159	9365961	9304834	0.62	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-01MS	Instrumnet Name :	P7
Client Sample ID :	S45-0046MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:36:56	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1891008	1876337	1903074	1890140	0.71	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-01MSD	Instrumnet Name :	P7
Client Sample ID :	S45-0046MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:40:33	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4070893	4076158	4058584	4068545	0.22	cps
Antimony	121-1	3373456	3344145	3343848	3353817	0.51	cps
Arsenic	75-2	179064	179956	179388	179469	0.25	cps
Barium	135-1	6861095	6852903	6817101	6843699	0.34	cps
Barium	137-1	12025847	12000155	11897657	11974553	0.57	cps
Beryllium	9-1	921650	915975	920382	919336	0.32	cps
Bismuth	209-1	9029177	9481696	9553428	9354767	3.04	cps
Bismuth	209-2	5716342	5960752	5953987	5877027	2.37	cps
Boron	10-1	114481	115513	117965	115986	1.54	cps
Boron	11-1	534515	546511	544429	541818	1.18	cps
Cadmium	111-1	1209387	1202844	1196616	1202949	0.53	cps
Cadmium	106-1	141938	140517	141492	141315	0.51	cps
Cadmium	108-1	93883	94215	94752	94283	0.47	cps
Calcium	43-1	1462100	1464380	1473521	1466667	0.41	cps
Calcium	44-1	25977274	26001647	25995567	25991496	0.05	cps
Chromium	52-2	1631080	1642511	1628361	1633984	0.46	cps
Cobalt	59-2	2396216	2394633	2413616	2401488	0.44	cps
Copper	63-2	3400647	3416495	3417805	3411649	0.28	cps
Dysprosium	156-1	95742	95951	96119	95937	0.20	cps
Dysprosium	156-2	50037	50201	49395	49878	0.85	cps
Erbium	164-1	74344	73540	75249	74378	1.15	cps
Erbium	164-2	38464	38852	37729	38348	1.49	cps
Gadolinium	160-1	83438	82910	83170	83173	0.32	cps
Gadolinium	160-2	46184	47281	46084	46516	1.43	cps
Holmium	165-1	14326337	15050140	15292574	14889684	3.38	cps
Holmium	165-2	7945207	8214398	8174697	8111434	1.79	cps
Indium	115-1	10792232	11412663	11462956	11222617	3.33	cps
Indium	115-2	2174588	2258018	2265274	2232627	2.26	cps
Iron	56-2	208718855	209768694	209162510	209216686	0.25	cps
Iron	57-2	5070874	5115121	5111627	5099207	0.48	cps
Lead	206-1	4272138	4251849	4276446	4266811	0.31	cps
Lead	207-1	3699232	3692860	3701257	3697783	0.12	cps
Lead	208-1	18027690	17865093	17972869	17955217	0.46	cps
Lithium	6-1	2409092	2527764	2547659	2494838	3.00	cps
Magnesium	24-2	14487208	14591102	14462213	14513507	0.47	cps
Manganese	55-2	3012460	3036443	3016396	3021766	0.43	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-01MSD	Instrumnet Name :	P7
Client Sample ID :	S45-0046MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:40:33	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10502076	10411554	10477309	10463646	0.45	cps
Molybdenum	95-1	12655128	12499821	12509688	12554879	0.69	cps
Molybdenum	96-1	13999649	13831581	13919987	13917072	0.60	cps
Molybdenum	97-1	7816052	7741238	7770459	7775916	0.48	cps
Molybdenum	98-1	20126131	20090444	20039227	20085267	0.22	cps
Neodymium	150-1	157153	158535	156087	157258	0.78	cps
Neodymium	150-2	65722	65609	64269	65200	1.24	cps
Nickel	60-2	696614	700215	700851	699227	0.33	cps
Phosphorus	31-2	7377	7394	7427	7399	0.34	cps
Potassium	39-2	7003097	7069152	7018068	7030106	0.49	cps
Rhodium	103-1	9659711	10219760	10281780	10053750	3.41	cps
Rhodium	103-2	4985377	5141294	5144808	5090493	1.79	cps
Scandium	45-1	6342773	6669378	6709884	6574011	3.06	cps
Scandium	45-2	283881	297130	296121	292377	2.52	cps
Selenium	77-2	4134	3907	4067	4036	2.89	cps
Selenium	78-2	13353	13121	13113	13196	1.03	cps
Selenium	82-1	78398	77327	77483	77736	0.74	cps
Silicon	28-1	11342432	11629325	11799952	11590569	1.99	cps
Silver	109-1	6161287	6065949	6112984	6113407	0.78	cps
Silver	107-1	6465720	6375879	6393510	6411703	0.74	cps
Sodium	23-2	21113684	21199484	21185274	21166147	0.22	cps
Strontium	86-1	1585398	1575217	1584125	1581580	0.35	cps
Strontium	88-1	15157213	14977761	15146783	15093919	0.67	cps
Sulfur	34-1	397018	395176	392387	394860	0.59	cps
Terbium	159-1	14752671	15635654	15670284	15352869	3.39	cps
Terbium	159-2	7799257	8090903	8001485	7963882	1.88	cps
Thallium	203-1	5583296	5539057	5574812	5565721	0.42	cps
Thallium	205-1	13317963	13243593	13288019	13283192	0.28	cps
Tin	118-1	3722988	3705459	3665450	3697966	0.80	cps
Titanium	47-1	5347170	5295178	5316707	5319685	0.49	cps
Uranium	238-1	18333619	18240223	18439759	18337867	0.54	cps
Vanadium	51-2	1283405	1296518	1283914	1287945	0.58	cps
Yttrium	89-1	11812514	12347450	12434776	12198247	2.76	cps
Yttrium	89-2	1721748	1789870	1783238	1764952	2.13	cps
Zinc	66-2	518703	523594	525929	522742	0.71	cps
Zirconium	90-1	9081637	9064522	9087712	9077957	0.13	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-01MSD	Instrumnet Name :	P7
Client Sample ID :	S45-0046MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:40:33	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1850381	1838420	1860748	1849850	0.60	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-01A	Instrumnet Name :	P7
Client Sample ID :	S45-0046A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:44:09	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3933689	3902162	3915355	3917069	0.40	cps
Antimony	121-1	3504962	3515628	3517915	3512835	0.20	cps
Arsenic	75-2	183387	184792	185262	184480	0.53	cps
Barium	135-1	6945759	6952100	6996739	6964866	0.40	cps
Barium	137-1	12113342	12157668	12191523	12154178	0.32	cps
Beryllium	9-1	950544	947089	953089	950241	0.32	cps
Bismuth	209-1	9500510	9467062	9657705	9541759	1.07	cps
Bismuth	209-2	5928591	5931013	5982069	5947224	0.51	cps
Boron	10-1	118621	120654	122351	120542	1.55	cps
Boron	11-1	559491	559035	576376	564967	1.75	cps
Cadmium	111-1	1228910	1240509	1241820	1237080	0.57	cps
Cadmium	106-1	143505	144647	142780	143644	0.66	cps
Cadmium	108-1	95938	95591	96736	96088	0.61	cps
Calcium	43-1	1585373	1588892	1600937	1591734	0.51	cps
Calcium	44-1	28175429	28296629	28449299	28307119	0.48	cps
Chromium	52-2	1643597	1642858	1645420	1643958	0.08	cps
Cobalt	59-2	2487580	2492343	2496460	2492127	0.18	cps
Copper	63-2	3501359	3510289	3517491	3509713	0.23	cps
Dysprosium	156-1	103783	100365	100693	101614	1.86	cps
Dysprosium	156-2	51787	52399	52734	52307	0.92	cps
Erbium	164-1	76506	74537	75937	75660	1.34	cps
Erbium	164-2	39383	39022	39564	39323	0.70	cps
Gadolinium	160-1	85198	86288	86072	85853	0.67	cps
Gadolinium	160-2	49466	49546	49579	49530	0.12	cps
Holmium	165-1	15116628	15137714	15333095	15195812	0.79	cps
Holmium	165-2	8153649	8164926	8263539	8194038	0.74	cps
Indium	115-1	11482944	11541653	11619085	11547894	0.59	cps
Indium	115-2	2239075	2244277	2265561	2249638	0.62	cps
Iron	56-2	206806710	205967371	205927482	206233855	0.24	cps
Iron	57-2	5028918	4992561	5023894	5015124	0.39	cps
Lead	206-1	4395687	4396150	4422635	4404824	0.35	cps
Lead	207-1	3793776	3810681	3811433	3805297	0.26	cps
Lead	208-1	18442205	18471298	18579678	18497727	0.39	cps
Lithium	6-1	2557457	2551178	2563321	2557318	0.24	cps
Magnesium	24-2	14636554	14572647	14597165	14602122	0.22	cps
Manganese	55-2	3066722	3078502	3061612	3068945	0.28	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-01A	Instrumnet Name :	P7
Client Sample ID :	S45-0046A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:44:09	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10685178	10806521	10830391	10774030	0.72	cps
Molybdenum	95-1	12843264	12921223	12956713	12907067	0.45	cps
Molybdenum	96-1	14275673	14332543	14298213	14302143	0.20	cps
Molybdenum	97-1	7979873	7971768	8077822	8009821	0.74	cps
Molybdenum	98-1	20630983	20659863	20861529	20717458	0.61	cps
Neodymium	150-1	164924	164341	163254	164173	0.52	cps
Neodymium	150-2	68328	68680	69119	68709	0.58	cps
Nickel	60-2	721244	719787	717980	719671	0.23	cps
Phosphorus	31-2	7385	7160	7602	7383	2.99	cps
Potassium	39-2	7111191	7099346	7143860	7118132	0.32	cps
Rhodium	103-1	10250697	10286537	10398505	10311913	0.75	cps
Rhodium	103-2	5094913	5147293	5169540	5137249	0.75	cps
Scandium	45-1	6690596	6764035	6816769	6757133	0.94	cps
Scandium	45-2	291104	291675	296447	293075	1.00	cps
Selenium	77-2	4191	4251	4094	4178	1.89	cps
Selenium	78-2	13760	13669	13673	13701	0.38	cps
Selenium	82-1	79949	79628	80521	80033	0.57	cps
Silicon	28-1	11175727	11370266	11476013	11340669	1.34	cps
Silver	109-1	6381420	6384233	6397540	6387731	0.13	cps
Silver	107-1	6656627	6660766	6714707	6677366	0.49	cps
Sodium	23-2	22017641	21951025	21940646	21969771	0.19	cps
Strontium	86-1	1627112	1631840	1620632	1626528	0.35	cps
Strontium	88-1	15536106	15635486	15674960	15615518	0.46	cps
Sulfur	34-1	394286	391011	389120	391472	0.67	cps
Terbium	159-1	15733359	15702324	15750617	15728767	0.16	cps
Terbium	159-2	7977243	8002480	8054470	8011398	0.49	cps
Thallium	203-1	5702708	5748844	5816488	5756013	0.99	cps
Thallium	205-1	13754201	13781414	13838950	13791522	0.31	cps
Tin	118-1	3806513	3809687	3795926	3804042	0.19	cps
Titanium	47-1	5249015	5243981	5251246	5248081	0.07	cps
Uranium	238-1	18904906	18790044	19065847	18920266	0.73	cps
Vanadium	51-2	1318047	1316735	1325042	1319941	0.34	cps
Yttrium	89-1	12447770	12539342	12564661	12517258	0.49	cps
Yttrium	89-2	1768116	1787665	1782957	1779580	0.57	cps
Zinc	66-2	534483	531629	534922	533678	0.33	cps
Zirconium	90-1	9377722	9397553	9401982	9392419	0.14	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-01A	Instrumnet Name :	P7
Client Sample ID :	S45-0046A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:44:09	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1890480	1912507	1914399	1905795	0.70	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-02	Instrumnet Name :	P7
Client Sample ID :	S45-0047	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:47:45	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2718115	2712828	2717775	2716239	0.11	cps
Antimony	121-1	3434	3651	3901	3662	6.38	cps
Arsenic	75-2	27563	27344	27791	27566	0.81	cps
Barium	135-1	277579	277665	278598	277947	0.20	cps
Barium	137-1	489633	479601	486745	485326	1.06	cps
Beryllium	9-1	2928	2939	2745	2871	3.80	cps
Bismuth	209-1	9904050	9946731	9897279	9916020	0.27	cps
Bismuth	209-2	6129704	6124951	6176190	6143615	0.46	cps
Boron	10-1	7044	6460	6527	6677	4.78	cps
Boron	11-1	33020	30181	29329	30844	6.27	cps
Cadmium	111-1	2617	2629	2580	2609	0.98	cps
Cadmium	106-1	5876	5610	5743	5743	2.32	cps
Cadmium	108-1	346	283	358	329	12.21	cps
Calcium	43-1	146932	146384	146889	146735	0.21	cps
Calcium	44-1	2365660	2372326	2357400	2365129	0.32	cps
Chromium	52-2	216140	216332	216150	216207	0.05	cps
Cobalt	59-2	112204	110707	112010	111640	0.73	cps
Copper	63-2	236232	234083	236298	235538	0.54	cps
Dysprosium	156-1	110576	113281	112667	112175	1.26	cps
Dysprosium	156-2	58179	58457	58133	58256	0.30	cps
Erbium	164-1	81829	82859	80479	81722	1.46	cps
Erbium	164-2	42543	42352	42001	42299	0.65	cps
Gadolinium	160-1	96245	94073	94248	94855	1.27	cps
Gadolinium	160-2	54458	53885	55565	54636	1.56	cps
Holmium	165-1	15444483	15537144	15370516	15450714	0.54	cps
Holmium	165-2	8288256	8264798	8285458	8279504	0.15	cps
Indium	115-1	11917125	12055269	12008472	11993622	0.59	cps
Indium	115-2	2325737	2319870	2333346	2326318	0.29	cps
Iron	56-2	160579276	159481087	160907981	160322781	0.47	cps
Iron	57-2	3546369	3554718	3563155	3554747	0.24	cps
Lead	206-1	286605	285272	285158	285678	0.28	cps
Lead	207-1	222054	221974	223503	222510	0.39	cps
Lead	208-1	1069300	1067140	1068098	1068180	0.10	cps
Lithium	6-1	2630713	2594637	2624499	2616616	0.74	cps
Magnesium	24-2	2758563	2748657	2764699	2757306	0.29	cps
Manganese	55-2	1552806	1557794	1567230	1559277	0.47	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-02	Instrumnet Name :	P7
Client Sample ID :	S45-0047	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:47:45	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	78944	80234	79816	79664	0.83	cps
Molybdenum	95-1	9720	10196	10346	10087	3.24	cps
Molybdenum	96-1	25198	24689	25482	25123	1.60	cps
Molybdenum	97-1	6027	6268	5793	6029	3.94	cps
Molybdenum	98-1	15885	16043	16418	16115	1.70	cps
Neodymium	150-1	192243	185374	184382	187333	2.29	cps
Neodymium	150-2	78089	78233	79487	78603	0.98	cps
Nickel	60-2	93046	94136	94455	93879	0.79	cps
Phosphorus	31-2	8144	7686	7877	7902	2.91	cps
Potassium	39-2	1332868	1325411	1326111	1328130	0.31	cps
Rhodium	103-1	10795973	10791346	10728634	10771984	0.35	cps
Rhodium	103-2	5342574	5301489	5335267	5326443	0.41	cps
Scandium	45-1	6823574	6870323	6831268	6841722	0.37	cps
Scandium	45-2	294884	292201	295060	294048	0.55	cps
Selenium	77-2	237	297	273	269	11.25	cps
Selenium	78-2	243	241	246	243	1.16	cps
Selenium	82-1	128	182	135	148	19.83	cps
Silicon	28-1	4810553	4584732	4658862	4684716	2.46	cps
Silver	109-1	2250	2242	2542	2345	7.29	cps
Silver	107-1	2934	2492	2834	2753	8.41	cps
Sodium	23-2	126102	126541	128586	127076	1.04	cps
Strontium	86-1	57717	57743	56981	57480	0.75	cps
Strontium	88-1	495345	490741	493937	493341	0.48	cps
Sulfur	34-1	381492	374860	374330	376894	1.06	cps
Terbium	159-1	16050248	16102522	15992733	16048501	0.34	cps
Terbium	159-2	8152287	8128024	8172782	8151031	0.27	cps
Thallium	203-1	7744	7027	6885	7219	6.38	cps
Thallium	205-1	17137	17571	17170	17293	1.40	cps
Tin	118-1	9137	9754	9362	9418	3.32	cps
Titanium	47-1	1602254	1606582	1608100	1605645	0.19	cps
Uranium	238-1	262437	265009	259172	262206	1.12	cps
Vanadium	51-2	148791	151269	151155	150405	0.93	cps
Yttrium	89-1	12813347	12824785	12892489	12843541	0.33	cps
Yttrium	89-2	1810885	1817204	1817346	1815145	0.20	cps
Zinc	66-2	64200	64572	64187	64320	0.34	cps
Zirconium	90-1	201336	202655	201859	201950	0.33	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-02	Instrumnet Name :	P7
Client Sample ID :	S45-0047	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 18:47:45	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	45649	44662	44361	44891	1.50	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:11:53	DataFile Name :	068CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5864659	5973387	6111204	5983083	2.07	cps
Antimony	121-1	6082270	6101426	6141890	6108529	0.50	cps
Arsenic	75-2	182432	186054	190507	186331	2.17	cps
Barium	135-1	7287140	7320508	7371293	7326314	0.58	cps
Barium	137-1	12691934	12793284	12827795	12771004	0.55	cps
Beryllium	9-1	1004389	1022633	1011151	1012724	0.91	cps
Bismuth	209-1	9528034	9573795	9521428	9541086	0.30	cps
Bismuth	209-2	5898875	5824131	5822262	5848422	0.75	cps
Boron	10-1	122416	128340	128819	126525	2.82	cps
Boron	11-1	579180	588367	599653	589067	1.74	cps
Cadmium	111-1	1444881	1454854	1459229	1452988	0.51	cps
Cadmium	106-1	165716	168557	169493	167922	1.17	cps
Cadmium	108-1	112538	113067	113176	112927	0.30	cps
Calcium	43-1	8044419	8214872	8292892	8184061	1.55	cps
Calcium	44-1	130958107	133081299	133746086	132595164	1.10	cps
Chromium	52-2	1664461	1663320	1699560	1675780	1.23	cps
Cobalt	59-2	2623008	2640528	2694584	2652707	1.41	cps
Copper	63-2	3558979	3604867	3663125	3608990	1.45	cps
Dysprosium	156-1	125	142	150	139	9.16	cps
Dysprosium	156-2	127	160	120	136	15.81	cps
Erbium	164-1	75	83	50	69	24.98	cps
Erbium	164-2	17	40	20	26	49.38	cps
Gadolinium	160-1	217	150	83	150	44.44	cps
Gadolinium	160-2	233	213	227	224	4.54	cps
Holmium	165-1	15714890	16175717	16150867	16013825	1.62	cps
Holmium	165-2	8519789	8411248	8460195	8463744	0.64	cps
Indium	115-1	11832703	12067105	12053282	11984363	1.10	cps
Indium	115-2	2345647	2283268	2300870	2309928	1.39	cps
Iron	56-2	376479064	376823664	383111486	378804738	0.99	cps
Iron	57-2	9316872	9286722	9442268	9348620	0.88	cps
Lead	206-1	4346291	4390623	4357837	4364917	0.53	cps
Lead	207-1	3894012	3905514	3904529	3901352	0.16	cps
Lead	208-1	18609736	18606472	18761214	18659141	0.47	cps
Lithium	6-1	2535485	2573696	2567263	2558815	0.80	cps
Magnesium	24-2	64918045	66523858	67451743	66297882	1.93	cps
Manganese	55-2	1898610	1890316	1932168	1907031	1.16	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:11:53	DataFile Name :	068CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11887180	11937125	11976027	11933444	0.37	cps
Molybdenum	95-1	14535143	14626369	14736566	14632693	0.69	cps
Molybdenum	96-1	16075927	16211376	16249242	16178848	0.56	cps
Molybdenum	97-1	9025084	9111811	9194883	9110593	0.93	cps
Molybdenum	98-1	23317304	23464610	23623910	23468608	0.65	cps
Neodymium	150-1	493	520	547	520	5.13	cps
Neodymium	150-2	90	70	97	86	16.22	cps
Nickel	60-2	693903	703232	717278	704804	1.67	cps
Phosphorus	31-2	57194	57670	59353	58072	1.95	cps
Potassium	39-2	32845244	33266741	33959893	33357293	1.69	cps
Rhodium	103-1	10392353	10608358	10667472	10556061	1.37	cps
Rhodium	103-2	5185095	5104159	5164344	5151200	0.82	cps
Scandium	45-1	7006852	7046046	7114101	7055666	0.77	cps
Scandium	45-2	313183	309890	311746	311606	0.53	cps
Selenium	77-2	4694	4791	5068	4851	4.00	cps
Selenium	78-2	16202	16396	16932	16510	2.29	cps
Selenium	82-1	94252	93998	95800	94683	1.03	cps
Silicon	28-1	4098975	4217524	4308470	4208323	2.50	cps
Silver	109-1	7033882	7102231	7177492	7104535	1.01	cps
Silver	107-1	7422668	7527266	7520914	7490283	0.78	cps
Sodium	23-2	120497265	124749582	126890445	124045764	2.62	cps
Strontium	86-1	1699647	1703360	1712059	1705022	0.37	cps
Strontium	88-1	16309919	16356384	16456974	16374426	0.46	cps
Sulfur	34-1	923347	932077	939341	931588	0.86	cps
Terbium	159-1	16243549	16554672	16500320	16432847	1.01	cps
Terbium	159-2	8301226	8161595	8229106	8230642	0.85	cps
Thallium	203-1	5950617	5995446	6000258	5982107	0.46	cps
Thallium	205-1	14226675	14425111	14338201	14329996	0.69	cps
Tin	118-1	4856526	4904172	4930858	4897185	0.77	cps
Titanium	47-1	3466341	3462354	3485102	3471265	0.35	cps
Uranium	238-1	19989897	20117260	19736785	19947981	0.97	cps
Vanadium	51-2	1336914	1338929	1365331	1347058	1.18	cps
Yttrium	89-1	12159139	12342067	12356069	12285759	0.89	cps
Yttrium	89-2	1752552	1718777	1744648	1738659	1.02	cps
Zinc	66-2	513229	524532	532362	523374	1.84	cps
Zirconium	90-1	9899409	9989555	9947451	9945471	0.45	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:11:53	DataFile Name :	068CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2004552	2012780	2015260	2010864	0.28	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:17:07	DataFile Name :	069CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	133	142	139	3.46	cps
Antimony	121-1	2400	2209	2309	2306	4.16	cps
Arsenic	75-2	9	24	28	20	48.10	cps
Barium	135-1	217	175	142	178	21.14	cps
Barium	137-1	425	308	233	322	29.97	cps
Beryllium	9-1	156	228	167	183	21.21	cps
Bismuth	209-1	10933575	10408954	10375308	10572612	2.96	cps
Bismuth	209-2	6598969	6648577	6678811	6642119	0.61	cps
Boron	10-1	3034	3267	3234	3178	3.97	cps
Boron	11-1	15934	14900	14324	15052	5.42	cps
Cadmium	111-1	2081	1943	2063	2029	3.69	cps
Cadmium	106-1	5009	4718	4951	4893	3.16	cps
Cadmium	108-1	21	21	13	18	26.64	cps
Calcium	43-1	567	483	533	528	7.95	cps
Calcium	44-1	12689	12823	11839	12450	4.29	cps
Chromium	52-2	577	593	553	574	3.50	cps
Cobalt	59-2	60	97	103	87	26.93	cps
Copper	63-2	1730	1680	1630	1680	2.98	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	7	13	7	99.98	cps
Erbium	164-1	42	17	33	31	41.66	cps
Erbium	164-2	20	33	20	24	31.49	cps
Gadolinium	160-1	100	133	100	111	17.32	cps
Gadolinium	160-2	230	247	277	251	9.42	cps
Holmium	165-1	16869551	15971143	16059924	16300206	3.04	cps
Holmium	165-2	8642029	8652294	8770489	8688271	0.82	cps
Indium	115-1	13316146	12678625	12710334	12901702	2.78	cps
Indium	115-2	2484755	2487174	2514541	2495490	0.66	cps
Iron	56-2	12355	12094	11616	12022	3.12	cps
Iron	57-2	472	461	417	450	6.53	cps
Lead	206-1	822	778	711	770	7.26	cps
Lead	207-1	572	644	683	633	8.90	cps
Lead	208-1	3084	3056	2906	3015	3.17	cps
Lithium	6-1	3086311	2677590	2986108	2916670	7.30	cps
Magnesium	24-2	1283	1133	1158	1192	6.74	cps
Manganese	55-2	63	90	77	77	17.39	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:17:07	DataFile Name :	069CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1467	1308	1308	1361	6.72	cps
Molybdenum	95-1	1058	1258	1042	1120	10.77	cps
Molybdenum	96-1	1333	1333	1017	1228	14.89	cps
Molybdenum	97-1	850	667	642	719	15.81	cps
Molybdenum	98-1	1667	1784	1600	1684	5.51	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	170	127	153	150	14.57	cps
Phosphorus	31-2	325	342	350	339	3.76	cps
Potassium	39-2	34449	33773	34357	34193	1.07	cps
Rhodium	103-1	12076095	11547237	11502012	11708448	2.73	cps
Rhodium	103-2	5733149	5773860	5852052	5786354	1.04	cps
Scandium	45-1	7472726	7083231	7097830	7217929	3.06	cps
Scandium	45-2	313178	315218	321451	316615	1.36	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	94	96	80	90	10.14	cps
Selenium	82-1	-77	102	42	23	403.60	cps
Silicon	28-1	406747	400846	398488	402027	1.06	cps
Silver	109-1	575	525	517	539	5.86	cps
Silver	107-1	575	583	542	567	3.89	cps
Sodium	23-2	20581	20156	19755	20164	2.05	cps
Strontium	86-1	808	767	792	789	2.66	cps
Strontium	88-1	492	467	417	458	8.33	cps
Sulfur	34-1	448782	450566	447337	448895	0.36	cps
Terbium	159-1	17296132	16632419	16607407	16845319	2.32	cps
Terbium	159-2	8403181	8530731	8649726	8527879	1.45	cps
Thallium	203-1	933	1033	967	978	5.21	cps
Thallium	205-1	2350	2409	2184	2314	5.05	cps
Tin	118-1	3117	2825	2634	2859	8.52	cps
Titanium	47-1	225	233	233	231	2.09	cps
Uranium	238-1	517	600	467	528	12.76	cps
Vanadium	51-2	37	10	40	29	56.92	cps
Yttrium	89-1	13170802	12473649	12447259	12697236	3.23	cps
Yttrium	89-2	1791037	1781068	1818485	1796864	1.08	cps
Zinc	66-2	300	270	323	298	8.98	cps
Zirconium	90-1	2309	2100	2084	2164	5.79	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:17:07	DataFile Name :	069CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	408	575	533	506	17.16	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-03	Instrumnet Name :	P7
Client Sample ID :	S45-0048	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:20:41	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4865947	4833286	4796709	4831981	0.72	cps
Antimony	121-1	12256	11981	11547	11928	3.00	cps
Arsenic	75-2	28162	28495	28381	28346	0.60	cps
Barium	135-1	583006	586017	582610	583878	0.32	cps
Barium	137-1	1015595	1016364	1022345	1018101	0.36	cps
Beryllium	9-1	3517	3534	3678	3576	2.48	cps
Bismuth	209-1	9968238	10105215	10112630	10062028	0.81	cps
Bismuth	209-2	6299248	6319926	6275072	6298082	0.36	cps
Boron	10-1	5143	4993	4909	5015	2.36	cps
Boron	11-1	22584	21850	23152	22529	2.90	cps
Cadmium	111-1	4280	4478	4027	4262	5.31	cps
Cadmium	106-1	6435	6752	6335	6507	3.34	cps
Cadmium	108-1	588	633	683	635	7.55	cps
Calcium	43-1	684720	689213	687511	687148	0.33	cps
Calcium	44-1	12094430	12223842	12160169	12159480	0.53	cps
Chromium	52-2	318250	316074	313687	316004	0.72	cps
Cobalt	59-2	141649	140132	141033	140938	0.54	cps
Copper	63-2	948578	956495	947103	950725	0.53	cps
Dysprosium	156-1	107150	108132	108754	108012	0.75	cps
Dysprosium	156-2	56603	57235	56204	56681	0.92	cps
Erbium	164-1	90064	92329	93737	92043	2.01	cps
Erbium	164-2	48446	48426	47924	48265	0.61	cps
Gadolinium	160-1	95868	95978	94661	95502	0.77	cps
Gadolinium	160-2	55522	55539	54950	55337	0.61	cps
Holmium	165-1	15309315	15352027	15444736	15368693	0.45	cps
Holmium	165-2	8339257	8288380	8174275	8267304	1.02	cps
Indium	115-1	11924880	11966354	11927329	11939521	0.19	cps
Indium	115-2	2320561	2338378	2299317	2319419	0.84	cps
Iron	56-2	205854905	206037249	204455932	205449362	0.42	cps
Iron	57-2	4996957	4989543	5005075	4997192	0.16	cps
Lead	206-1	421419	418172	421410	420334	0.45	cps
Lead	207-1	335752	338422	338414	337529	0.46	cps
Lead	208-1	1597176	1596883	1607456	1600505	0.38	cps
Lithium	6-1	2566398	2569457	2570657	2568838	0.09	cps
Magnesium	24-2	4047326	4032605	3989678	4023203	0.74	cps
Manganese	55-2	3152522	3149998	3128577	3143699	0.42	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-03	Instrumnet Name :	P7
Client Sample ID :	S45-0048	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:20:41	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	255429	169622	175134	200062	24.01	cps
Molybdenum	95-1	30458	29348	31293	30366	3.21	cps
Molybdenum	96-1	60940	59492	71344	63925	10.11	cps
Molybdenum	97-1	19422	19364	19681	19489	0.87	cps
Molybdenum	98-1	48927	49704	48291	48974	1.44	cps
Neodymium	150-1	162884	165717	165540	164714	0.96	cps
Neodymium	150-2	68689	69541	69119	69116	0.62	cps
Nickel	60-2	118501	119163	119364	119009	0.38	cps
Phosphorus	31-2	78322	76672	74947	76647	2.20	cps
Potassium	39-2	1669305	1670271	1660456	1666677	0.32	cps
Rhodium	103-1	10710543	10822408	10753063	10762004	0.52	cps
Rhodium	103-2	5343999	5318201	5288472	5316891	0.52	cps
Scandium	45-1	6970646	7041023	7016321	7009330	0.51	cps
Scandium	45-2	303266	305870	303785	304307	0.45	cps
Selenium	77-2	207	280	230	239	15.68	cps
Selenium	78-2	331	306	317	318	4.09	cps
Selenium	82-1	553	688	486	576	17.85	cps
Silicon	28-1	9446873	8830574	9766447	9347965	5.09	cps
Silver	109-1	32430	32948	32279	32552	1.08	cps
Silver	107-1	34777	33800	33933	34170	1.55	cps
Sodium	23-2	380551	372253	368644	373816	1.63	cps
Strontium	86-1	283606	284684	285173	284488	0.28	cps
Strontium	88-1	2440922	2453879	2463942	2452914	0.47	cps
Sulfur	34-1	589421	578908	572870	580400	1.44	cps
Terbium	159-1	15838575	15959077	15940488	15912713	0.41	cps
Terbium	159-2	8136356	8212494	8113409	8154086	0.64	cps
Thallium	203-1	5710	5618	5360	5563	3.26	cps
Thallium	205-1	13499	13557	13007	13354	2.26	cps
Tin	118-1	38335	38858	37557	38250	1.71	cps
Titanium	47-1	1954913	1964604	1944429	1954649	0.52	cps
Uranium	238-1	362087	372069	376502	370219	1.99	cps
Vanadium	51-2	187160	184513	186505	186059	0.74	cps
Yttrium	89-1	13037299	13086792	13036225	13053439	0.22	cps
Yttrium	89-2	1856672	1867375	1849835	1857960	0.48	cps
Zinc	66-2	303284	306038	302925	304082	0.56	cps
Zirconium	90-1	427358	394316	412065	411246	4.02	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-03	Instrumnet Name :	P7
Client Sample ID :	S45-0048	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:20:41	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92466	92612	87259	90779	3.36	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-04	Instrumnet Name :	P7
Client Sample ID :	S45-0049	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:24:21	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11312461	11366230	11395869	11358187	0.37	cps
Antimony	121-1	4926	4901	4493	4773	5.10	cps
Arsenic	75-2	38356	38492	38822	38556	0.62	cps
Barium	135-1	830070	837049	842622	836580	0.75	cps
Barium	137-1	1461573	1468179	1468773	1466175	0.27	cps
Beryllium	9-1	9309	9520	9514	9448	1.27	cps
Bismuth	209-1	9498242	9704986	9742706	9648645	1.36	cps
Bismuth	209-2	6091946	6139726	6127482	6119718	0.41	cps
Boron	10-1	4434	4001	4134	4190	5.30	cps
Boron	11-1	19789	18721	19555	19355	2.90	cps
Cadmium	111-1	5939	5474	6003	5805	4.98	cps
Cadmium	106-1	6360	6077	6677	6371	4.71	cps
Cadmium	108-1	675	767	675	706	7.50	cps
Calcium	43-1	371562	371787	373703	372351	0.32	cps
Calcium	44-1	6560421	6598557	6558965	6572648	0.34	cps
Chromium	52-2	790034	797408	794852	794098	0.47	cps
Cobalt	59-2	253321	253787	252044	253051	0.36	cps
Copper	63-2	862424	864822	861752	862999	0.19	cps
Dysprosium	156-1	201332	201900	205011	202748	0.98	cps
Dysprosium	156-2	103516	101768	102797	102694	0.86	cps
Erbium	164-1	138531	140484	141316	140111	1.02	cps
Erbium	164-2	72491	73814	73600	73302	0.97	cps
Gadolinium	160-1	160591	162935	163776	162434	1.02	cps
Gadolinium	160-2	92936	93466	92590	92997	0.47	cps
Holmium	165-1	15277283	15549843	15577752	15468293	1.07	cps
Holmium	165-2	8382716	8473571	8404721	8420336	0.56	cps
Indium	115-1	11882366	12002661	11998351	11961126	0.57	cps
Indium	115-2	2336801	2364731	2357045	2352859	0.61	cps
Iron	56-2	498473656	499835600	503555845	500621700	0.53	cps
Iron	57-2	12135862	12162691	12212969	12170508	0.32	cps
Lead	206-1	1917575	1910695	1918935	1915735	0.23	cps
Lead	207-1	1537273	1562095	1549203	1549524	0.80	cps
Lead	208-1	7251291	7356572	7345974	7317946	0.79	cps
Lithium	6-1	2525553	2538765	2556898	2540405	0.62	cps
Magnesium	24-2	5864355	5936213	5966516	5922361	0.89	cps
Manganese	55-2	4936627	4965588	4986018	4962745	0.50	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-04	Instrumnet Name :	P7
Client Sample ID :	S45-0049	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:24:21	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	159083	157889	163792	160255	1.95	cps
Molybdenum	95-1	62454	62470	61359	62095	1.03	cps
Molybdenum	96-1	94286	93950	93346	93861	0.51	cps
Molybdenum	97-1	37834	38721	38085	38213	1.20	cps
Molybdenum	98-1	98816	98094	99698	98869	0.81	cps
Neodymium	150-1	315212	317671	318970	317285	0.60	cps
Neodymium	150-2	133145	133992	133969	133702	0.36	cps
Nickel	60-2	207820	208729	208628	208392	0.24	cps
Phosphorus	31-2	31317	30766	31242	31108	0.96	cps
Potassium	39-2	2141717	2151096	2168804	2153872	0.64	cps
Rhodium	103-1	10678916	10710954	10749047	10712973	0.33	cps
Rhodium	103-2	5335088	5363101	5351281	5349823	0.26	cps
Scandium	45-1	7159615	7188894	7156659	7168389	0.25	cps
Scandium	45-2	309480	316316	316314	314036	1.26	cps
Selenium	77-2	390	420	467	426	9.08	cps
Selenium	78-2	506	489	450	481	5.92	cps
Selenium	82-1	847	902	943	897	5.34	cps
Silicon	28-1	27584646	29825910	28639990	28683516	3.91	cps
Silver	109-1	8786	8470	8803	8686	2.16	cps
Silver	107-1	8286	8328	8336	8317	0.32	cps
Sodium	23-2	230562	231660	231097	231106	0.24	cps
Strontium	86-1	226103	224198	224834	225045	0.43	cps
Strontium	88-1	1923900	1922739	1950290	1932309	0.81	cps
Sulfur	34-1	496469	493978	488292	492913	0.85	cps
Terbium	159-1	15764926	15956098	16047534	15922853	0.91	cps
Terbium	159-2	8229848	8331056	8227234	8262713	0.72	cps
Thallium	203-1	13457	13816	13049	13441	2.86	cps
Thallium	205-1	32958	32549	32123	32544	1.28	cps
Tin	118-1	34736	35162	34452	34783	1.03	cps
Titanium	47-1	5483749	5530873	5567845	5527489	0.76	cps
Uranium	238-1	425291	429596	436262	430383	1.28	cps
Vanadium	51-2	610219	616455	616694	614456	0.60	cps
Yttrium	89-1	13520999	13658406	13751236	13643547	0.85	cps
Yttrium	89-2	1953185	1960239	1958812	1957412	0.19	cps
Zinc	66-2	229623	232332	232457	231470	0.69	cps
Zirconium	90-1	338412	337041	343626	339693	1.02	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J3899-04	Instrumnet Name :	P7
Client Sample ID :	S45-0049	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:24:21	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	74787	76231	74436	75151	1.27	cps

LB Number : LB96824 Operator : Jaswal
 Lab Sample ID : J4070-01 Instrumnet Name : P7
 Client Sample ID : KY030LC011-S-180718 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 19:27:57 DataFile Name : 072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7647117	7615482	7650615	7637738	0.25	cps
Antimony	121-1	2900	2800	2950	2884	2.65	cps
Arsenic	75-2	22608	22505	22234	22449	0.86	cps
Barium	135-1	1930334	1940970	1929955	1933753	0.32	cps
Barium	137-1	3371260	3380650	3359989	3370633	0.31	cps
Beryllium	9-1	10582	10637	10615	10611	0.26	cps
Bismuth	209-1	8801386	8890466	8937668	8876507	0.78	cps
Bismuth	209-2	5466143	5505698	5526820	5499554	0.56	cps
Boron	10-1	14090	15442	15025	14852	4.66	cps
Boron	11-1	69645	70575	71529	70583	1.33	cps
Cadmium	111-1	22310	22687	22928	22642	1.37	cps
Cadmium	106-1	14358	14433	14291	14361	0.49	cps
Cadmium	108-1	3435	3017	2967	3140	8.18	cps
Calcium	43-1	53720710	53980235	53393478	53698141	0.55	cps
Calcium	44-1	868799386	877236186	872494286	872843286	0.48	cps
Chromium	52-2	629106	630407	626658	628724	0.30	cps
Cobalt	59-2	226923	228650	228913	228162	0.47	cps
Copper	63-2	285755	285003	284886	285215	0.17	cps
Dysprosium	156-1	633131	640491	629250	634291	0.90	cps
Dysprosium	156-2	324602	326344	324277	325075	0.34	cps
Erbium	164-1	528629	531469	523528	527876	0.76	cps
Erbium	164-2	272434	272245	271150	271943	0.25	cps
Gadolinium	160-1	570380	576380	576253	574338	0.60	cps
Gadolinium	160-2	326248	323337	322628	324071	0.59	cps
Holmium	165-1	15483723	15409321	15552499	15481848	0.46	cps
Holmium	165-2	8192656	8240307	8205179	8212714	0.30	cps
Indium	115-1	11449483	11533678	11518903	11500688	0.39	cps
Indium	115-2	2223630	2222892	2227060	2224527	0.10	cps
Iron	56-2	318078929	315927296	317516463	317174229	0.35	cps
Iron	57-2	7966245	8000467	7994992	7987235	0.23	cps
Lead	206-1	8548337	8603398	8574296	8575344	0.32	cps
Lead	207-1	7130476	7144379	7112709	7129188	0.22	cps
Lead	208-1	33160594	33360032	33289852	33270159	0.30	cps
Lithium	6-1	2445079	2460324	2459580	2454995	0.35	cps
Magnesium	24-2	6653199	6617196	6657649	6642682	0.33	cps
Manganese	55-2	6166075	6145947	6165541	6159188	0.19	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4070-01	Instrumnet Name :	P7
Client Sample ID :	KY030LC011-S-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:27:57	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	510146	516350	511647	512714	0.63	cps
Molybdenum	95-1	9996	9554	10404	9984	4.26	cps
Molybdenum	96-1	99278	98631	99446	99118	0.43	cps
Molybdenum	97-1	6227	6152	6152	6177	0.70	cps
Molybdenum	98-1	15359	16210	15576	15715	2.81	cps
Neodymium	150-1	909893	920644	921467	917335	0.70	cps
Neodymium	150-2	383320	380025	381295	381547	0.44	cps
Nickel	60-2	141064	141646	142895	141869	0.66	cps
Phosphorus	31-2	111213	112429	114051	112564	1.26	cps
Potassium	39-2	4964403	4938921	4959095	4954140	0.27	cps
Rhodium	103-1	9751168	9860538	9860332	9824013	0.64	cps
Rhodium	103-2	4832834	4844045	4858566	4845148	0.27	cps
Scandium	45-1	7113793	7151545	7174765	7146701	0.43	cps
Scandium	45-2	316723	316524	319215	317487	0.47	cps
Selenium	77-2	1093	1160	1240	1165	6.31	cps
Selenium	78-2	898	998	1004	967	6.15	cps
Selenium	82-1	1463	1338	1594	1465	8.74	cps
Silicon	28-1	15752975	13121975	12652520	13842490	12.07	cps
Silver	109-1	59810	60439	59677	59975	0.68	cps
Silver	107-1	62605	65217	63393	63738	2.10	cps
Sodium	23-2	823482	816307	828084	822624	0.72	cps
Strontium	86-1	5554958	5583896	5561491	5566782	0.27	cps
Strontium	88-1	48700846	48779580	48851522	48777316	0.15	cps
Sulfur	34-1	706820	703904	707784	706169	0.29	cps
Terbium	159-1	15963377	16011265	15969851	15981498	0.16	cps
Terbium	159-2	8056022	8043637	8090454	8063371	0.30	cps
Thallium	203-1	11147	12398	11689	11745	5.34	cps
Thallium	205-1	27989	28473	28640	28367	1.19	cps
Tin	118-1	18496	19247	18705	18816	2.06	cps
Titanium	47-1	72740	70206	82577	75174	8.69	cps
Uranium	238-1	468678	473896	466928	469834	0.77	cps
Vanadium	51-2	497600	495518	496009	496376	0.22	cps
Yttrium	89-1	19986804	20025524	19978673	19997000	0.13	cps
Yttrium	89-2	2837562	2819375	2840915	2832617	0.41	cps
Zinc	66-2	241403	240806	241303	241170	0.13	cps
Zirconium	90-1	1374214	1372870	1373086	1373390	0.05	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4070-01	Instrumnet Name :	P7
Client Sample ID :	KY030LC011-S-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:27:57	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	310663	308396	308168	309076	0.45	cps

LB Number : LB96824 Operator : Jaswal
 Lab Sample ID : J4070-02 Instrumnet Name : P7
 Client Sample ID : KY030LC015-S-180718 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 19:31:35 DataFile Name : 073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5094606	5074151	5087571	5085443	0.20	cps
Antimony	121-1	4117	3984	3792	3965	4.12	cps
Arsenic	75-2	27700	27138	27470	27436	1.03	cps
Barium	135-1	1127547	1130628	1140631	1132935	0.60	cps
Barium	137-1	1949123	1966903	1966950	1960992	0.52	cps
Beryllium	9-1	8975	9092	9192	9086	1.19	cps
Bismuth	209-1	8395344	8372587	8588829	8452254	1.41	cps
Bismuth	209-2	4658786	4655392	4680231	4664803	0.29	cps
Boron	10-1	30131	29855	30648	30212	1.33	cps
Boron	11-1	138689	140750	142701	140713	1.43	cps
Cadmium	111-1	13731	14271	13885	13962	1.99	cps
Cadmium	106-1	17161	17495	16802	17153	2.02	cps
Cadmium	108-1	2409	2138	2204	2250	6.27	cps
Calcium	43-1	91415375	91600004	92948787	91988056	0.91	cps
Calcium	44-1	1489626533	1496849100	1514348634	1500274756	0.85	cps
Chromium	52-2	679447	675929	679525	678300	0.30	cps
Cobalt	59-2	241385	241932	241796	241704	0.12	cps
Copper	63-2	161600	164779	162103	162828	1.05	cps
Dysprosium	156-1	1210802	1217849	1218604	1215752	0.35	cps
Dysprosium	156-2	627938	629903	626061	627967	0.31	cps
Erbium	164-1	1010743	1023267	1027216	1020408	0.84	cps
Erbium	164-2	524966	529148	528431	527515	0.42	cps
Gadolinium	160-1	1110837	1117670	1120822	1116443	0.46	cps
Gadolinium	160-2	625724	632116	636209	631350	0.84	cps
Holmium	165-1	15388026	15577183	15673243	15546151	0.93	cps
Holmium	165-2	8251061	8232054	8269224	8250780	0.23	cps
Indium	115-1	11167033	11245078	11307320	11239810	0.63	cps
Indium	115-2	2176810	2192872	2198803	2189495	0.52	cps
Iron	56-2	292870140	292881918	293045318	292932458	0.03	cps
Iron	57-2	7614337	7613605	7717442	7648461	0.78	cps
Lead	206-1	2016735	2010154	2020088	2015659	0.25	cps
Lead	207-1	1641755	1650548	1659354	1650553	0.53	cps
Lead	208-1	7699171	7697113	7767143	7721142	0.52	cps
Lithium	6-1	2361225	2362257	2384841	2369441	0.56	cps
Magnesium	24-2	6441675	6441758	6465242	6449558	0.21	cps
Manganese	55-2	3806381	3797728	3799286	3801132	0.12	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4070-02	Instrumnet Name :	P7
Client Sample ID :	KY030LC015-S-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:31:35	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	498634	504781	503268	502228	0.64	cps
Molybdenum	95-1	13532	13691	14174	13799	2.43	cps
Molybdenum	96-1	104045	100637	102265	102316	1.67	cps
Molybdenum	97-1	9128	8419	8653	8734	4.14	cps
Molybdenum	98-1	22719	21926	22193	22279	1.81	cps
Neodymium	150-1	1715002	1715642	1743770	1724805	0.95	cps
Neodymium	150-2	724583	724187	722697	723822	0.14	cps
Nickel	60-2	101210	101109	100683	101000	0.28	cps
Phosphorus	31-2	300225	297186	303868	300427	1.11	cps
Potassium	39-2	5377646	5358899	5368264	5368270	0.17	cps
Rhodium	103-1	9433276	9519505	9529984	9494255	0.56	cps
Rhodium	103-2	4124358	4122721	4135232	4127437	0.16	cps
Scandium	45-1	7063215	7072081	7139595	7091630	0.59	cps
Scandium	45-2	322004	318806	323480	321430	0.74	cps
Selenium	77-2	2140	2314	2117	2190	4.91	cps
Selenium	78-2	1746	1763	1793	1767	1.33	cps
Selenium	82-1	2256	2503	2273	2344	5.89	cps
Silicon	28-1	18781651	12284678	12620973	14562434	25.12	cps
Silver	109-1	12614	12648	12448	12570	0.85	cps
Silver	107-1	15000	14424	14742	14722	1.96	cps
Sodium	23-2	1381809	1395129	1394943	1390627	0.55	cps
Strontium	86-1	8510247	8590603	8644431	8581760	0.79	cps
Strontium	88-1	75019991	75461995	75681093	75387693	0.45	cps
Sulfur	34-1	1207149	1197071	1202747	1202322	0.42	cps
Terbium	159-1	15958489	16087397	16197646	16081177	0.74	cps
Terbium	159-2	8185956	8117676	8174872	8159501	0.45	cps
Thallium	203-1	9879	10071	10213	10054	1.66	cps
Thallium	205-1	24139	25392	24615	24715	2.56	cps
Tin	118-1	36365	35629	36933	36309	1.80	cps
Titanium	47-1	205384	196380	193436	198400	3.14	cps
Uranium	238-1	940222	934788	958099	944370	1.29	cps
Vanadium	51-2	486649	487887	490932	488490	0.45	cps
Yttrium	89-1	28608123	28953260	29116972	28892785	0.90	cps
Yttrium	89-2	4097080	4537049	4605320	4413150	6.25	cps
Zinc	66-2	139612	141679	141292	140861	0.78	cps
Zirconium	90-1	1337331	1339751	1343599	1340227	0.24	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4070-02	Instrumnet Name :	P7
Client Sample ID :	KY030LC015-S-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:31:35	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	301901	299642	303388	301644	0.63	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4070-03	Instrumnet Name :	P7
Client Sample ID :	KY030LC018-S-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:35:13	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7572368	7590794	7645722	7602961	0.50	cps
Antimony	121-1	933	992	950	958	3.13	cps
Arsenic	75-2	20249	19897	19956	20034	0.94	cps
Barium	135-1	1609441	1612832	1614641	1612305	0.16	cps
Barium	137-1	2796765	2786201	2805720	2796229	0.35	cps
Beryllium	9-1	9787	9203	9687	9559	3.27	cps
Bismuth	209-1	8821224	8820013	8919761	8853666	0.65	cps
Bismuth	209-2	5524866	5528104	5479715	5510895	0.49	cps
Boron	10-1	13865	14366	14099	14110	1.77	cps
Boron	11-1	66882	66488	65945	66438	0.71	cps
Cadmium	111-1	9975	10084	9683	9914	2.09	cps
Cadmium	106-1	13841	13832	13223	13632	2.60	cps
Cadmium	108-1	2388	2304	2475	2389	3.58	cps
Calcium	43-1	56320285	57160705	56714426	56731805	0.74	cps
Calcium	44-1	916023887	929349854	921874487	922416076	0.72	cps
Chromium	52-2	450797	452727	449961	451161	0.31	cps
Cobalt	59-2	245489	244473	246155	245372	0.35	cps
Copper	63-2	222938	225443	225371	224584	0.63	cps
Dysprosium	156-1	546910	550955	553378	550414	0.59	cps
Dysprosium	156-2	287494	287290	287263	287349	0.04	cps
Erbium	164-1	468801	476016	477473	474097	0.98	cps
Erbium	164-2	247088	248791	245473	247117	0.67	cps
Gadolinium	160-1	510242	511846	514209	512099	0.39	cps
Gadolinium	160-2	290211	288423	292432	290355	0.69	cps
Holmium	165-1	15378376	15462627	15642767	15494590	0.87	cps
Holmium	165-2	8247955	8355206	8194041	8265734	0.99	cps
Indium	115-1	11527450	11616470	11747286	11630402	0.95	cps
Indium	115-2	2230946	2238815	2207331	2225697	0.74	cps
Iron	56-2	434937799	434523199	433899076	434453358	0.12	cps
Iron	57-2	10848299	10864120	10850134	10854185	0.08	cps
Lead	206-1	1119295	1125890	1125459	1123548	0.33	cps
Lead	207-1	907219	913476	913483	911393	0.40	cps
Lead	208-1	4266632	4309336	4307311	4294427	0.56	cps
Lithium	6-1	2504173	2503777	2544044	2517332	0.92	cps
Magnesium	24-2	7607346	7662143	7615787	7628425	0.39	cps
Manganese	55-2	5212546	5220992	5172437	5201992	0.50	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4070-03	Instrumnet Name :	P7
Client Sample ID :	KY030LC018-S-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:35:13	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	588194	596758	599340	594764	0.98	cps
Molybdenum	95-1	8811	9203	9087	9034	2.23	cps
Molybdenum	96-1	111720	112903	113886	112836	0.96	cps
Molybdenum	97-1	5768	5726	5518	5671	2.36	cps
Molybdenum	98-1	14099	13515	13749	13788	2.13	cps
Neodymium	150-1	796707	792383	792777	793956	0.30	cps
Neodymium	150-2	332877	333380	333809	333355	0.14	cps
Nickel	60-2	152309	150594	150479	151127	0.68	cps
Phosphorus	31-2	129306	130719	130878	130301	0.66	cps
Potassium	39-2	4273285	4288113	4304409	4288602	0.36	cps
Rhodium	103-1	9903446	9883796	10022598	9936613	0.76	cps
Rhodium	103-2	4903863	4915949	4844682	4888165	0.78	cps
Scandium	45-1	7367831	7377325	7426332	7390496	0.42	cps
Scandium	45-2	327360	324510	322586	324819	0.74	cps
Selenium	77-2	1003	1030	1080	1038	3.75	cps
Selenium	78-2	900	844	880	875	3.21	cps
Selenium	82-1	1212	1398	1323	1311	7.16	cps
Silicon	28-1	13188472	11954176	15725195	13622614	14.11	cps
Silver	109-1	4393	4776	4518	4562	4.29	cps
Silver	107-1	6168	6502	6627	6432	3.68	cps
Sodium	23-2	932976	931793	935982	933584	0.23	cps
Strontium	86-1	6019384	6062541	6107347	6063090	0.73	cps
Strontium	88-1	52902180	53316324	53754460	53324321	0.80	cps
Sulfur	34-1	1059019	1051743	1059786	1056849	0.42	cps
Terbium	159-1	15909546	16099011	16153011	16053856	0.80	cps
Terbium	159-2	8131116	8191902	8005253	8109424	1.17	cps
Thallium	203-1	10772	10855	10296	10641	2.83	cps
Thallium	205-1	26227	26135	25768	26043	0.93	cps
Tin	118-1	8328	7969	8153	8150	2.20	cps
Titanium	47-1	72695	75405	76849	74983	2.81	cps
Uranium	238-1	521015	524332	530813	525387	0.95	cps
Vanadium	51-2	539248	543685	543980	542304	0.49	cps
Yttrium	89-1	19191832	19509468	19469460	19390253	0.89	cps
Yttrium	89-2	2712842	2731720	2700994	2715185	0.57	cps
Zinc	66-2	186375	185933	186633	186314	0.19	cps
Zirconium	90-1	1610063	1637095	1606038	1617732	1.04	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4070-03	Instrumnet Name :	P7
Client Sample ID :	KY030LC018-S-180718	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:35:13	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	357602	362858	362634	361031	0.82	cps

LB Number : LB96824 Operator : Jaswal
 Lab Sample ID : J4104-01 Instrumnet Name : P7
 Client Sample ID : LA119SW005-S-180719 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 19:38:52 DataFile Name : 075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6082380	6014780	5994720	6030627	0.76	cps
Antimony	121-1	1467	1492	1342	1433	5.61	cps
Arsenic	75-2	14092	14072	14418	14194	1.37	cps
Barium	135-1	1504804	1501789	1517518	1508037	0.55	cps
Barium	137-1	2621457	2633153	2623708	2626106	0.24	cps
Beryllium	9-1	8275	8380	8119	8258	1.59	cps
Bismuth	209-1	9111775	9193475	9207323	9170858	0.56	cps
Bismuth	209-2	5742004	5671258	5649266	5687510	0.85	cps
Boron	10-1	11914	12381	12506	12267	2.54	cps
Boron	11-1	56908	57444	58071	57474	1.01	cps
Cadmium	111-1	9438	9387	9179	9334	1.47	cps
Cadmium	106-1	11397	11563	10680	11213	4.19	cps
Cadmium	108-1	1746	1700	1463	1636	9.30	cps
Calcium	43-1	45721962	45883026	46012428	45872472	0.32	cps
Calcium	44-1	740959417	743777783	752931067	745889422	0.84	cps
Chromium	52-2	376746	374100	372185	374344	0.61	cps
Cobalt	59-2	171900	173543	173374	172939	0.52	cps
Copper	63-2	355570	356520	357515	356535	0.27	cps
Dysprosium	156-1	494463	501704	501579	499249	0.83	cps
Dysprosium	156-2	257840	260364	258123	258776	0.53	cps
Erbium	164-1	417349	424579	423766	421898	0.94	cps
Erbium	164-2	218147	218289	215945	217460	0.60	cps
Gadolinium	160-1	452244	457726	454631	454867	0.60	cps
Gadolinium	160-2	259146	259441	257020	258536	0.51	cps
Holmium	165-1	15528681	15791052	15753336	15691023	0.90	cps
Holmium	165-2	8339597	8267164	8261527	8289430	0.53	cps
Indium	115-1	11739678	11721034	11803447	11754720	0.37	cps
Indium	115-2	2254232	2245280	2216490	2238667	0.88	cps
Iron	56-2	248619478	248525083	247850878	248331813	0.17	cps
Iron	57-2	6279248	6267047	6234147	6260147	0.37	cps
Lead	206-1	1225131	1230145	1230898	1228725	0.26	cps
Lead	207-1	1008478	1006527	1010211	1008405	0.18	cps
Lead	208-1	4727019	4724875	4753630	4735175	0.34	cps
Lithium	6-1	2530043	2553519	2534702	2539422	0.49	cps
Magnesium	24-2	5017254	4981533	4986549	4995112	0.39	cps
Manganese	55-2	6607263	6571896	6563166	6580775	0.35	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4104-01	Instrumnet Name :	P7
Client Sample ID :	LA119SW005-S-180719	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:38:52	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	350170	348924	352061	350385	0.45	cps
Molybdenum	95-1	10354	10004	10329	10229	1.91	cps
Molybdenum	96-1	71136	71815	72853	71935	1.20	cps
Molybdenum	97-1	6402	6377	6794	6524	3.58	cps
Molybdenum	98-1	15701	15943	15976	15873	0.95	cps
Neodymium	150-1	718173	720979	725688	721613	0.53	cps
Neodymium	150-2	302892	302678	304793	303454	0.38	cps
Nickel	60-2	100522	100032	101750	100768	0.88	cps
Phosphorus	31-2	106755	104934	106973	106221	1.05	cps
Potassium	39-2	3285742	3272802	3266149	3274898	0.30	cps
Rhodium	103-1	10040462	10046896	10125966	10071108	0.47	cps
Rhodium	103-2	4977921	4971770	4923631	4957774	0.60	cps
Scandium	45-1	7194517	7242151	7283505	7240057	0.62	cps
Scandium	45-2	313861	314293	310871	313008	0.60	cps
Selenium	77-2	1000	950	923	958	4.06	cps
Selenium	78-2	794	824	856	825	3.71	cps
Selenium	82-1	1537	1453	1449	1480	3.35	cps
Silicon	28-1	8089289	8369454	7566431	8008391	5.09	cps
Silver	109-1	10413	10271	9354	10012	5.74	cps
Silver	107-1	10905	11697	10738	11113	4.61	cps
Sodium	23-2	755084	749592	742508	749062	0.84	cps
Strontium	86-1	3708343	3741069	3731032	3726815	0.45	cps
Strontium	88-1	36518695	36840778	36999592	36786355	0.67	cps
Sulfur	34-1	835653	833321	828607	832527	0.43	cps
Terbium	159-1	16022128	16140749	16171179	16111352	0.49	cps
Terbium	159-2	8239183	8136445	8105351	8160326	0.86	cps
Thallium	203-1	13399	12940	14158	13499	4.56	cps
Thallium	205-1	31480	30845	32065	31463	1.94	cps
Tin	118-1	12489	12373	12906	12589	2.23	cps
Titanium	47-1	62286	49535	50466	54095	13.14	cps
Uranium	238-1	402004	408448	405134	405195	0.80	cps
Vanadium	51-2	438292	437627	438426	438115	0.10	cps
Yttrium	89-1	18702614	18822969	18979128	18834904	0.74	cps
Yttrium	89-2	2639889	2618934	2611845	2623556	0.56	cps
Zinc	66-2	218067	217349	218241	217886	0.22	cps
Zirconium	90-1	939272	940856	946711	942279	0.42	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4104-01	Instrumnet Name :	P7
Client Sample ID :	LA119SW005-S-180719	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:38:52	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	209004	209883	212033	210307	0.74	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4104-02	Instrumnet Name :	P7
Client Sample ID :	KY030LC026-S-180719	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:42:30	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4779639	4873617	4924971	4859409	1.52	cps
Antimony	121-1	1517	1450	1350	1439	5.83	cps
Arsenic	75-2	13753	14066	14111	13977	1.39	cps
Barium	135-1	1233962	1237382	1249557	1240300	0.66	cps
Barium	137-1	2159077	2171510	2170646	2167078	0.32	cps
Beryllium	9-1	7307	7919	7702	7643	4.06	cps
Bismuth	209-1	8785577	8768754	8724405	8759579	0.36	cps
Bismuth	209-2	5303903	4689652	4780792	4924782	6.73	cps
Boron	10-1	12731	13081	13640	13151	3.49	cps
Boron	11-1	62154	60856	62663	61891	1.51	cps
Cadmium	111-1	8943	9155	9172	9090	1.40	cps
Cadmium	106-1	12281	12006	12056	12114	1.21	cps
Cadmium	108-1	1696	1563	1633	1631	4.09	cps
Calcium	43-1	68157006	68407983	68395062	68320017	0.21	cps
Calcium	44-1	1104160125	1114966425	1116157492	1111761347	0.59	cps
Chromium	52-2	378202	385587	387489	383759	1.28	cps
Cobalt	59-2	188130	189533	191070	189577	0.78	cps
Copper	63-2	223445	227717	227848	226337	1.11	cps
Dysprosium	156-1	595202	599296	600371	598290	0.46	cps
Dysprosium	156-2	299834	307293	310189	305772	1.75	cps
Erbium	164-1	499128	497303	505324	500585	0.84	cps
Erbium	164-2	251429	255016	257658	254701	1.23	cps
Gadolinium	160-1	543471	541038	547327	543945	0.58	cps
Gadolinium	160-2	301902	306068	307102	305024	0.90	cps
Holmium	165-1	15492601	15412730	15410181	15438504	0.30	cps
Holmium	165-2	8015876	7945791	8153323	8038330	1.31	cps
Indium	115-1	11592763	11589708	11469568	11550679	0.61	cps
Indium	115-2	2146387	2162156	2221680	2176741	1.82	cps
Iron	56-2	235826689	238635011	239448361	237970020	0.80	cps
Iron	57-2	6090272	6131716	6231010	6151000	1.18	cps
Lead	206-1	963898	969812	970618	968109	0.38	cps
Lead	207-1	786884	786499	786490	786624	0.03	cps
Lead	208-1	3683824	3708265	3711183	3701091	0.41	cps
Lithium	6-1	2496335	2511076	2487362	2498258	0.48	cps
Magnesium	24-2	5342466	5375404	5463538	5393803	1.16	cps
Manganese	55-2	5510944	5592785	5632851	5578860	1.11	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4104-02	Instrumnet Name :	P7
Client Sample ID :	KY030LC026-S-180719	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:42:30	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	379480	378408	379228	379039	0.15	cps
Molybdenum	95-1	7402	7486	7736	7541	2.30	cps
Molybdenum	96-1	74177	73129	73883	73730	0.73	cps
Molybdenum	97-1	4343	4334	5151	4609	10.18	cps
Molybdenum	98-1	11714	11931	12356	12000	2.72	cps
Neodymium	150-1	854467	856978	860433	857292	0.35	cps
Neodymium	150-2	351185	357767	356787	355246	1.00	cps
Nickel	60-2	91990	94069	94469	93509	1.42	cps
Phosphorus	31-2	119223	120869	120938	120344	0.81	cps
Potassium	39-2	3129514	3179047	3199993	3169518	1.14	cps
Rhodium	103-1	9932292	9849816	9830050	9870720	0.55	cps
Rhodium	103-2	4727495	4145047	4815149	4562564	7.98	cps
Scandium	45-1	7181582	7190824	7120030	7164145	0.54	cps
Scandium	45-2	304930	306277	311680	307629	1.16	cps
Selenium	77-2	1113	1097	1053	1088	2.85	cps
Selenium	78-2	856	941	891	896	4.78	cps
Selenium	82-1	1458	1385	1352	1398	3.86	cps
Silicon	28-1	6567484	6400252	6542782	6503506	1.39	cps
Silver	109-1	8403	8386	7936	8242	3.21	cps
Silver	107-1	9612	9754	10204	9857	3.14	cps
Sodium	23-2	1492953	1519998	1540114	1517689	1.56	cps
Strontium	86-1	6043273	6099341	6118606	6087073	0.64	cps
Strontium	88-1	52949548	53383970	53757964	53363827	0.76	cps
Sulfur	34-1	882742	883215	878796	881584	0.28	cps
Terbium	159-1	15903338	16057228	15850026	15936864	0.68	cps
Terbium	159-2	7834371	7876446	8055357	7922058	1.48	cps
Thallium	203-1	9412	8928	8920	9087	3.10	cps
Thallium	205-1	21485	21210	21961	21552	1.76	cps
Tin	118-1	10988	10938	10913	10946	0.35	cps
Titanium	47-1	56539	55919	56563	56340	0.65	cps
Uranium	238-1	481836	481102	482516	481818	0.15	cps
Vanadium	51-2	362689	368229	369944	366954	1.03	cps
Yttrium	89-1	19923678	20029297	20001954	19984977	0.27	cps
Yttrium	89-2	2729670	2752640	2804619	2762310	1.39	cps
Zinc	66-2	207307	210349	211492	209716	1.03	cps
Zirconium	90-1	1023492	1031260	1020167	1024973	0.56	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4104-02	Instrumnet Name :	P7
Client Sample ID :	KY030LC026-S-180719	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:42:30	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	226025	230518	226626	227723	1.07	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4104-03	Instrumnet Name :	P7
Client Sample ID :	DUP-0493-180719	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:46:09	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4039608	4057382	4040145	4045712	0.25	cps
Antimony	121-1	1508	1567	1400	1492	5.67	cps
Arsenic	75-2	23313	23386	23439	23379	0.27	cps
Barium	135-1	913545	913420	914180	913715	0.04	cps
Barium	137-1	1579442	1590774	1595329	1588515	0.51	cps
Beryllium	9-1	7069	6835	7052	6985	1.86	cps
Bismuth	209-1	8211109	8293804	8409632	8304848	1.20	cps
Bismuth	209-2	4547723	4573445	4587228	4569465	0.44	cps
Boron	10-1	14082	14274	14115	14157	0.72	cps
Boron	11-1	66346	67492	68573	67470	1.65	cps
Cadmium	111-1	9544	9150	9631	9442	2.72	cps
Cadmium	106-1	12431	11413	12681	12175	5.51	cps
Cadmium	108-1	1708	1875	1900	1828	5.70	cps
Calcium	43-1	92055923	93345525	92841012	92747487	0.70	cps
Calcium	44-1	1493141767	1505418300	1507268467	1501942845	0.51	cps
Chromium	52-2	451606	451732	453516	452285	0.24	cps
Cobalt	59-2	193208	191745	191988	192314	0.41	cps
Copper	63-2	271340	268880	272543	270921	0.69	cps
Dysprosium	156-1	563809	568326	559097	563744	0.82	cps
Dysprosium	156-2	291087	292423	292605	292038	0.28	cps
Erbium	164-1	473851	476309	474236	474799	0.28	cps
Erbium	164-2	246399	246403	245946	246250	0.11	cps
Gadolinium	160-1	514510	517564	514115	515396	0.37	cps
Gadolinium	160-2	291080	292805	289839	291241	0.51	cps
Holmium	165-1	14724128	14820332	15034539	14859666	1.07	cps
Holmium	165-2	7937057	7959104	8010996	7969053	0.48	cps
Indium	115-1	10967446	11089973	11168945	11075455	0.92	cps
Indium	115-2	2140194	2145631	2167318	2151048	0.67	cps
Iron	56-2	281103790	281512501	280719801	281112030	0.14	cps
Iron	57-2	7357860	7335897	7318206	7337321	0.27	cps
Lead	206-1	814904	817556	808302	813587	0.59	cps
Lead	207-1	654015	660952	664802	659923	0.83	cps
Lead	208-1	3103521	3111332	3112362	3109071	0.16	cps
Lithium	6-1	2375605	2405237	2407028	2395956	0.74	cps
Magnesium	24-2	5544719	5562597	5552676	5553331	0.16	cps
Manganese	55-2	5205961	5210451	5184889	5200434	0.26	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4104-03	Instrumnet Name :	P7
Client Sample ID :	DUP-0493-180719	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:46:09	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	405573	411593	410350	409172	0.78	cps
Molybdenum	95-1	10996	10771	10321	10696	3.22	cps
Molybdenum	96-1	81927	82723	82941	82530	0.65	cps
Molybdenum	97-1	6960	7194	7085	7080	1.65	cps
Molybdenum	98-1	17336	17570	17511	17472	0.70	cps
Neodymium	150-1	804088	809722	815562	809790	0.71	cps
Neodymium	150-2	336862	337231	342495	338863	0.93	cps
Nickel	60-2	89169	89991	90114	89758	0.57	cps
Phosphorus	31-2	140078	139456	140253	139929	0.30	cps
Potassium	39-2	2687339	2695870	2702024	2695078	0.27	cps
Rhodium	103-1	9305553	9386825	9400754	9364377	0.55	cps
Rhodium	103-2	4058753	4066866	4104194	4076604	0.59	cps
Scandium	45-1	6819105	6888373	6946985	6884821	0.93	cps
Scandium	45-2	305498	306988	307208	306565	0.30	cps
Selenium	77-2	1023	1047	1017	1029	1.53	cps
Selenium	78-2	828	887	880	865	3.73	cps
Selenium	82-1	1582	1629	1565	1592	2.09	cps
Silicon	28-1	6967036	7699795	6855387	7174073	6.39	cps
Silver	109-1	4793	4893	4843	4843	1.03	cps
Silver	107-1	6085	5801	5851	5913	2.56	cps
Sodium	23-2	898741	894743	884896	892793	0.80	cps
Strontium	86-1	6817287	6877145	6907672	6867368	0.67	cps
Strontium	88-1	60045726	60846618	60718026	60536790	0.71	cps
Sulfur	34-1	895360	892349	894288	893999	0.17	cps
Terbium	159-1	15283456	15497271	15463230	15414652	0.75	cps
Terbium	159-2	7801923	7803691	7847887	7817833	0.33	cps
Thallium	203-1	9554	9554	9504	9537	0.30	cps
Thallium	205-1	23547	23488	22395	23143	2.80	cps
Tin	118-1	11272	12122	11931	11775	3.79	cps
Titanium	47-1	86663	81886	89158	85902	4.30	cps
Uranium	238-1	644868	645359	650033	646754	0.44	cps
Vanadium	51-2	570665	570717	572254	571212	0.16	cps
Yttrium	89-1	19526082	19789992	19785233	19700436	0.77	cps
Yttrium	89-2	2757298	2754070	2788619	2766662	0.69	cps
Zinc	66-2	135175	133722	134327	134408	0.54	cps
Zirconium	90-1	1101527	1100346	1090836	1097570	0.53	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4104-03	Instrumnet Name :	P7
Client Sample ID :	DUP-0493-180719	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:46:09	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	246072	244583	242562	244406	0.72	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4113-01	Instrumnet Name :	P7
Client Sample ID :	KY030LC058-S-180720	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:49:47	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9495079	9486412	9429213	9470235	0.38	cps
Antimony	121-1	1508	1408	1684	1533	9.08	cps
Arsenic	75-2	25302	25172	25048	25174	0.50	cps
Barium	135-1	1966077	1970895	1977550	1971507	0.29	cps
Barium	137-1	3433549	3426485	3427420	3429151	0.11	cps
Beryllium	9-1	13651	14096	14179	13975	2.03	cps
Bismuth	209-1	8625494	8698659	8803523	8709225	1.03	cps
Bismuth	209-2	5466396	5447892	5477572	5463953	0.27	cps
Boron	10-1	27759	28653	29296	28569	2.70	cps
Boron	11-1	130316	134931	137966	134405	2.87	cps
Cadmium	111-1	9575	9015	9147	9246	3.17	cps
Cadmium	106-1	17211	16485	16460	16719	2.55	cps
Cadmium	108-1	2454	2667	2542	2554	4.18	cps
Calcium	43-1	45634571	45618480	45847414	45700155	0.28	cps
Calcium	44-1	739336050	742700550	746921733	742986111	0.51	cps
Chromium	52-2	841571	845584	842927	843361	0.24	cps
Cobalt	59-2	235431	236282	235309	235674	0.22	cps
Copper	63-2	242994	241868	238475	241112	0.98	cps
Dysprosium	156-1	1022505	1025354	1026633	1024830	0.21	cps
Dysprosium	156-2	528252	539402	530255	532637	1.12	cps
Erbium	164-1	824961	824638	832053	827218	0.51	cps
Erbium	164-2	432398	432312	431674	432128	0.09	cps
Gadolinium	160-1	904218	915372	920092	913227	0.89	cps
Gadolinium	160-2	524597	527114	523893	525201	0.32	cps
Holmium	165-1	15423907	15352969	15407890	15394922	0.24	cps
Holmium	165-2	8405422	8280738	8329666	8338608	0.75	cps
Indium	115-1	11256326	11365361	11393584	11338424	0.64	cps
Indium	115-2	2203017	2171914	2211479	2195470	0.95	cps
Iron	56-2	480498089	480047322	476942033	479162481	0.40	cps
Iron	57-2	12023450	11987589	11828487	11946508	0.87	cps
Lead	206-1	1289224	1298026	1295576	1294275	0.35	cps
Lead	207-1	1043648	1053380	1057967	1051665	0.70	cps
Lead	208-1	4920268	4942246	4977189	4946568	0.58	cps
Lithium	6-1	2491481	2481564	2526272	2499772	0.94	cps
Magnesium	24-2	8109102	8106950	8049239	8088430	0.42	cps
Manganese	55-2	6005791	5984937	5963562	5984763	0.35	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4113-01	Instrumnet Name :	P7
Client Sample ID :	KY030LC058-S-180720	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:49:47	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	662759	671270	671827	668618	0.76	cps
Molybdenum	95-1	7652	7502	7252	7469	2.71	cps
Molybdenum	96-1	123060	125431	128345	125612	2.11	cps
Molybdenum	97-1	5126	4951	4693	4923	4.43	cps
Molybdenum	98-1	11855	11597	11864	11772	1.29	cps
Neodymium	150-1	1475645	1473302	1469611	1472853	0.21	cps
Neodymium	150-2	625864	626417	618968	623750	0.67	cps
Nickel	60-2	137457	137747	136602	137269	0.43	cps
Phosphorus	31-2	188763	190906	188594	189421	0.68	cps
Potassium	39-2	7673323	7736880	7684522	7698241	0.44	cps
Rhodium	103-1	9664321	9805919	9756560	9742267	0.74	cps
Rhodium	103-2	4854874	4850757	4861702	4855778	0.11	cps
Scandium	45-1	7235876	7277442	7284348	7265889	0.36	cps
Scandium	45-2	313569	313255	314870	313898	0.27	cps
Selenium	77-2	1977	1893	1944	1938	2.16	cps
Selenium	78-2	1400	1376	1383	1387	0.89	cps
Selenium	82-1	1918	1792	1728	1813	5.34	cps
Silicon	28-1	10901163	12374522	10205105	11160263	9.93	cps
Silver	109-1	6560	6393	6268	6407	2.29	cps
Silver	107-1	8111	7702	7794	7869	2.72	cps
Sodium	23-2	1234709	1225450	1218938	1226366	0.65	cps
Strontium	86-1	4889656	4922260	4970479	4927465	0.83	cps
Strontium	88-1	43121932	43152461	43469630	43248008	0.45	cps
Sulfur	34-1	674392	668073	665037	669167	0.71	cps
Terbium	159-1	15670554	16007561	16006544	15894886	1.22	cps
Terbium	159-2	8217958	8229964	8188925	8212282	0.26	cps
Thallium	203-1	11539	11756	11722	11672	1.00	cps
Thallium	205-1	29250	28373	28482	28701	1.67	cps
Tin	118-1	11347	11046	11889	11427	3.74	cps
Titanium	47-1	105372	94972	100725	100356	5.19	cps
Uranium	238-1	650218	643335	646512	646689	0.53	cps
Vanadium	51-2	574852	578448	575913	576405	0.32	cps
Yttrium	89-1	24791073	25104290	25129227	25008197	0.75	cps
Yttrium	89-2	3522459	3479962	3497426	3499949	0.61	cps
Zinc	66-2	223838	224680	222461	223660	0.50	cps
Zirconium	90-1	1784427	1811091	1805117	1800212	0.78	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4113-01	Instrumnet Name :	P7
Client Sample ID :	KY030LC058-S-180720	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:49:47	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	397688	400041	404969	400899	0.93	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4113-02	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-S-180720	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:53:27	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5327064	5352393	5349454	5342970	0.26	cps
Antimony	121-1	817	825	858	833	2.65	cps
Arsenic	75-2	11573	11686	11605	11621	0.50	cps
Barium	135-1	969294	972694	973617	971869	0.23	cps
Barium	137-1	1687957	1692825	1693542	1691442	0.18	cps
Beryllium	9-1	9214	9186	9192	9197	0.16	cps
Bismuth	209-1	8283391	8415908	8453852	8384383	1.07	cps
Bismuth	209-2	4593200	4634689	4631813	4619900	0.50	cps
Boron	10-1	5910	5793	5585	5762	2.86	cps
Boron	11-1	27684	27801	28061	27849	0.69	cps
Cadmium	111-1	8705	8546	8601	8617	0.94	cps
Cadmium	106-1	12064	11839	11538	11814	2.23	cps
Cadmium	108-1	2054	2142	2129	2109	2.24	cps
Calcium	43-1	78853677	78613666	79538271	79001871	0.61	cps
Calcium	44-1	1278292995	1278641995	1287676395	1281537129	0.42	cps
Chromium	52-2	277624	275046	278714	277128	0.68	cps
Cobalt	59-2	109337	109880	109766	109661	0.26	cps
Copper	63-2	191194	190289	192943	191475	0.70	cps
Dysprosium	156-1	279316	281663	280182	280387	0.42	cps
Dysprosium	156-2	145860	145473	147231	146188	0.63	cps
Erbium	164-1	254533	253650	255423	254536	0.35	cps
Erbium	164-2	133584	131356	131689	132210	0.91	cps
Gadolinium	160-1	262447	261672	262678	262266	0.20	cps
Gadolinium	160-2	148039	147824	148389	148084	0.19	cps
Holmium	165-1	14720504	15009859	15045783	14925382	1.19	cps
Holmium	165-2	7962363	7974908	7985866	7974379	0.15	cps
Indium	115-1	11139084	11395446	11440815	11325115	1.44	cps
Indium	115-2	2152233	2197983	2186132	2178783	1.09	cps
Iron	56-2	180348965	180492254	178049804	179630341	0.76	cps
Iron	57-2	4788022	4820405	4769759	4792729	0.54	cps
Lead	206-1	597807	598244	605906	600652	0.76	cps
Lead	207-1	479205	479303	478740	479083	0.06	cps
Lead	208-1	2256711	2262947	2267495	2262384	0.24	cps
Lithium	6-1	2424501	2448972	2469321	2447598	0.92	cps
Magnesium	24-2	5516608	5565698	5508547	5530284	0.56	cps
Manganese	55-2	3776627	4302223	3741290	3940047	7.97	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4113-02	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-S-180720	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:53:27	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	522008	517672	524631	521437	0.67	cps
Molybdenum	95-1	4242	3992	4459	4231	5.52	cps
Molybdenum	96-1	90855	91116	92767	91579	1.13	cps
Molybdenum	97-1	2900	2592	2584	2692	6.71	cps
Molybdenum	98-1	6735	6477	7052	6755	4.27	cps
Neodymium	150-1	412270	413125	416426	413941	0.53	cps
Neodymium	150-2	175129	174804	174599	174844	0.15	cps
Nickel	60-2	81994	82135	82658	82262	0.43	cps
Phosphorus	31-2	29873	31033	30900	30602	2.08	cps
Potassium	39-2	2789680	2817306	2810192	2805726	0.51	cps
Rhodium	103-1	9531487	9736437	9716027	9661317	1.17	cps
Rhodium	103-2	4108183	4158469	4165255	4143969	0.75	cps
Scandium	45-1	7029996	7165688	7072507	7089397	0.98	cps
Scandium	45-2	312954	314171	314052	313726	0.21	cps
Selenium	77-2	567	583	517	556	6.25	cps
Selenium	78-2	530	465	532	509	7.46	cps
Selenium	82-1	1104	1010	1278	1130	12.04	cps
Silicon	28-1	11606515	11652672	11792164	11683784	0.83	cps
Silver	109-1	3034	3442	3050	3175	7.28	cps
Silver	107-1	4159	4393	4626	4393	5.31	cps
Sodium	23-2	706080	705605	705162	705616	0.07	cps
Strontium	86-1	7210686	7207637	7267885	7228736	0.47	cps
Strontium	88-1	62974183	63175799	63693126	63281036	0.59	cps
Sulfur	34-1	603683	606311	596901	602298	0.81	cps
Terbium	159-1	15368875	15536245	15553326	15486149	0.66	cps
Terbium	159-2	7791716	7829548	7823360	7814875	0.26	cps
Thallium	203-1	8603	8169	8011	8261	3.71	cps
Thallium	205-1	19156	19932	19623	19571	2.00	cps
Tin	118-1	4726	4726	4509	4654	2.69	cps
Titanium	47-1	36255	35891	32639	34928	5.70	cps
Uranium	238-1	349185	349842	354325	351117	0.80	cps
Vanadium	51-2	464360	466118	464433	464971	0.21	cps
Yttrium	89-1	15591772	15877391	15893833	15787665	1.08	cps
Yttrium	89-2	2214878	2238745	2217908	2223844	0.58	cps
Zinc	66-2	82304	80738	81811	81618	0.98	cps
Zirconium	90-1	1398870	1412085	1416574	1409176	0.65	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	J4113-02	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-S-180720	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:53:27	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	312157	314874	314427	313819	0.46	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:57:05	DataFile Name :	080CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5995963	6048888	6245284	6096712	2.15	cps
Antimony	121-1	6567438	6553367	6532340	6551048	0.27	cps
Arsenic	75-2	181808	183790	189889	185163	2.27	cps
Barium	135-1	7502178	7447223	7462663	7470688	0.38	cps
Barium	137-1	13039113	12964835	13076173	13026707	0.44	cps
Beryllium	9-1	1060116	1061547	1064746	1062136	0.22	cps
Bismuth	209-1	9271459	9342148	9298152	9303919	0.38	cps
Bismuth	209-2	5720900	5743783	5894731	5786471	1.63	cps
Boron	10-1	129516	128745	134729	130997	2.49	cps
Boron	11-1	603483	611843	623582	612969	1.65	cps
Cadmium	111-1	1440185	1432336	1443939	1438820	0.41	cps
Cadmium	106-1	165116	169207	166019	166781	1.29	cps
Cadmium	108-1	111505	112811	112693	112336	0.64	cps
Calcium	43-1	8601824	8544381	8658231	8601479	0.66	cps
Calcium	44-1	138529057	138163941	139928257	138873752	0.67	cps
Chromium	52-2	1618696	1631345	1687416	1645819	2.22	cps
Cobalt	59-2	2552660	2583604	2654004	2596756	2.00	cps
Copper	63-2	3485573	3507108	3586979	3526553	1.51	cps
Dysprosium	156-1	242	200	175	206	16.38	cps
Dysprosium	156-2	80	150	133	121	30.19	cps
Erbium	164-1	75	92	125	97	26.19	cps
Erbium	164-2	60	27	60	49	39.36	cps
Gadolinium	160-1	233	267	208	236	12.39	cps
Gadolinium	160-2	203	227	263	231	13.09	cps
Holmium	165-1	15804291	15979753	15892580	15892208	0.55	cps
Holmium	165-2	8373453	8447173	8698746	8506458	2.01	cps
Indium	115-1	12075065	12099795	12159421	12111427	0.36	cps
Indium	115-2	2245088	2265638	2345267	2285331	2.32	cps
Iron	56-2	376383831	382940042	393739342	384354405	2.28	cps
Iron	57-2	9259128	9406290	9674877	9446765	2.23	cps
Lead	206-1	4184822	4199206	4228365	4204131	0.53	cps
Lead	207-1	3724381	3727989	3775889	3742753	0.77	cps
Lead	208-1	18132073	18119387	18240651	18164037	0.37	cps
Lithium	6-1	3037465	2777262	3053820	2956182	5.25	cps
Magnesium	24-2	66538247	66400191	69115824	67351421	2.27	cps
Manganese	55-2	1855196	1878551	1938779	1890842	2.28	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 19:57:05	DataFile Name :	080CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12221548	12181374	12259567	12220830	0.32	cps
Molybdenum	95-1	14918975	14972943	14962553	14951490	0.19	cps
Molybdenum	96-1	16461515	16536527	16608775	16535606	0.45	cps
Molybdenum	97-1	9259149	9248986	9328355	9278830	0.47	cps
Molybdenum	98-1	23982190	24099804	24007659	24029884	0.26	cps
Neodymium	150-1	620	693	540	618	12.41	cps
Neodymium	150-2	80	117	70	89	27.64	cps
Nickel	60-2	677439	686551	706580	690190	2.16	cps
Phosphorus	31-2	57244	57737	58709	57897	1.29	cps
Potassium	39-2	33419542	33580530	34870996	33957023	2.34	cps
Rhodium	103-1	10653598	10697582	10679645	10676942	0.21	cps
Rhodium	103-2	5177555	5185839	5350491	5237962	1.86	cps
Scandium	45-1	7350612	7307265	7318065	7325314	0.31	cps
Scandium	45-2	303424	300572	313102	305699	2.15	cps
Selenium	77-2	4844	4718	4978	4846	2.68	cps
Selenium	78-2	16398	16556	16654	16536	0.78	cps
Selenium	82-1	94543	94400	94279	94407	0.14	cps
Silicon	28-1	4479962	4511444	4588901	4526769	1.24	cps
Silver	109-1	7600028	7559193	7539195	7566139	0.41	cps
Silver	107-1	7946446	7894509	7962450	7934468	0.45	cps
Sodium	23-2	124106378	125502299	129630524	126413067	2.27	cps
Strontium	86-1	1704148	1701686	1703471	1703101	0.07	cps
Strontium	88-1	16860520	16818137	16909561	16862739	0.27	cps
Sulfur	34-1	962459	962031	957095	960529	0.31	cps
Terbium	159-1	16359827	16489076	16522069	16456991	0.52	cps
Terbium	159-2	8174048	8254649	8485841	8304846	1.95	cps
Thallium	203-1	5860085	5895739	5885560	5880461	0.31	cps
Thallium	205-1	14118068	14145890	14269268	14177742	0.57	cps
Tin	118-1	4991196	4953488	4985761	4976815	0.41	cps
Titanium	47-1	3985637	3979176	3997074	3987296	0.23	cps
Uranium	238-1	19517746	19262621	19346594	19375654	0.67	cps
Vanadium	51-2	1311647	1319930	1364922	1332166	2.15	cps
Yttrium	89-1	12521195	12576293	12550373	12549287	0.22	cps
Yttrium	89-2	1708823	1723219	1738590	1723544	0.86	cps
Zinc	66-2	505742	512288	528179	515403	2.24	cps
Zirconium	90-1	10244912	10226965	10302524	10258134	0.38	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2007896	2015784	2020897	2014859	0.33	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	217	158	192	15.68	cps
Antimony	121-1	2509	2659	2284	2484	7.60	cps
Arsenic	75-2	13	11	13	12	8.65	cps
Barium	135-1	75	108	125	103	24.77	cps
Barium	137-1	242	158	292	231	29.22	cps
Beryllium	9-1	133	111	144	130	13.10	cps
Bismuth	209-1	10219899	10215788	10292018	10242569	0.42	cps
Bismuth	209-2	6447632	6468327	6466060	6460673	0.18	cps
Boron	10-1	2609	2709	2467	2595	4.68	cps
Boron	11-1	12914	12556	11822	12431	4.48	cps
Cadmium	111-1	1953	2052	2152	2052	4.85	cps
Cadmium	106-1	4734	5051	5251	5012	5.20	cps
Cadmium	108-1	17	21	4	14	62.43	cps
Calcium	43-1	1392	1017	1183	1197	15.69	cps
Calcium	44-1	21124	19914	20432	20490	2.96	cps
Chromium	52-2	1170	1100	1133	1135	3.09	cps
Cobalt	59-2	70	97	83	83	16.00	cps
Copper	63-2	1680	1790	1780	1750	3.48	cps
Dysprosium	156-1	33	8	8	17	86.64	cps
Dysprosium	156-2	7	0	13	7	99.98	cps
Erbium	164-1	50	58	67	58	14.29	cps
Erbium	164-2	23	17	17	19	20.36	cps
Gadolinium	160-1	67	92	108	89	23.59	cps
Gadolinium	160-2	243	203	227	224	8.95	cps
Holmium	165-1	15802796	15868026	15806947	15825923	0.23	cps
Holmium	165-2	8656249	8588658	8581051	8608653	0.48	cps
Indium	115-1	12742886	12759156	12679507	12727183	0.33	cps
Indium	115-2	2433591	2452986	2454788	2447121	0.48	cps
Iron	56-2	14207	14179	13518	13968	2.79	cps
Iron	57-2	572	667	511	583	13.44	cps
Lead	206-1	861	822	861	848	2.65	cps
Lead	207-1	739	744	767	750	1.96	cps
Lead	208-1	3211	3245	3450	3302	3.92	cps
Lithium	6-1	3149410	3153044	3121730	3141395	0.55	cps
Magnesium	24-2	892	950	867	903	4.74	cps
Manganese	55-2	180	127	133	147	19.81	cps

LB Number :	LB96824	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 20:03:07	DataFile Name :	081CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1100	942	867	970	12.29	cps
Molybdenum	95-1	892	842	642	792	16.71	cps
Molybdenum	96-1	1083	942	950	992	8.02	cps
Molybdenum	97-1	525	725	408	553	28.97	cps
Molybdenum	98-1	1417	1192	925	1178	20.90	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	310	220	260	263	17.12	cps
Phosphorus	31-2	275	283	275	278	1.73	cps
Potassium	39-2	35711	33322	34107	34380	3.54	cps
Rhodium	103-1	11553392	11535735	11553250	11547459	0.09	cps
Rhodium	103-2	5717857	5740252	5734917	5731009	0.20	cps
Scandium	45-1	7308344	7283507	7304581	7298811	0.18	cps
Scandium	45-2	305492	308268	306599	306786	0.46	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	94	122	93	103	16.10	cps
Selenium	82-1	31	6	135	57	119.46	cps
Silicon	28-1	397416	395517	394782	395905	0.34	cps
Silver	109-1	567	450	425	481	15.73	cps
Silver	107-1	483	467	450	467	3.57	cps
Sodium	23-2	14808	15192	15400	15133	1.99	cps
Strontium	86-1	733	692	783	736	6.23	cps
Strontium	88-1	825	783	825	811	2.97	cps
Sulfur	34-1	449795	451524	455644	452321	0.66	cps
Terbium	159-1	16479359	16413283	16315879	16402840	0.50	cps
Terbium	159-2	8524632	8461470	8488370	8491490	0.37	cps
Thallium	203-1	567	667	450	561	19.33	cps
Thallium	205-1	1217	1450	1342	1336	8.74	cps
Tin	118-1	2084	2309	2025	2139	7.00	cps
Titanium	47-1	217	192	158	189	15.49	cps
Uranium	238-1	333	400	258	331	21.44	cps
Vanadium	51-2	50	50	30	43	26.65	cps
Yttrium	89-1	12552601	12571282	12570163	12564682	0.08	cps
Yttrium	89-2	1759612	1763222	1767193	1763342	0.22	cps
Zinc	66-2	287	290	300	292	2.38	cps
Zirconium	90-1	1667	1600	1550	1606	3.65	cps

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Lab Sample ID :	CCB07	Instrumnet Name :	P7
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	400	358	358	372	6.46	cps