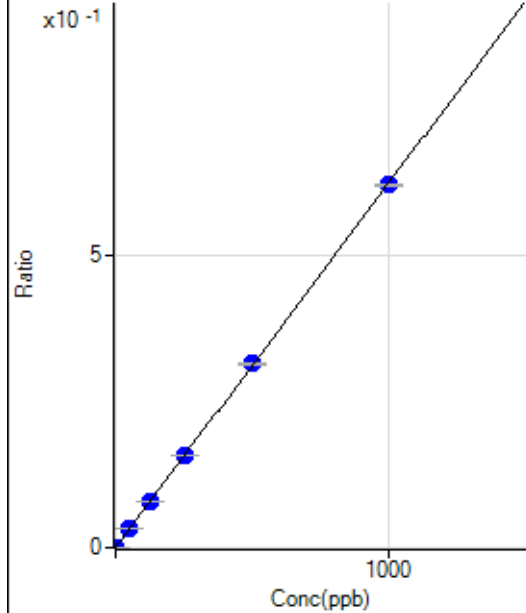


Batch Folder: D:\ICP-MS Data\P7102817 MS .b\
Analysis File: P7102817 MS .batch.bin
DA Date-Time: 2017-10-30 13:54:17
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB P7102817 MS.D	S00	2017-10-28 15:34:47
2			
3	005CAL5 P7102817 MS.D	S02	2017-10-28 15:42:28
4	006CAL5 P7102817 MS.D	S03	2017-10-28 15:46:13
5	007CAL5 P7102817 MS.D	S04	2017-10-28 15:50:00
6	008CAL5 P7102817 MS.D	S05	2017-10-28 15:53:44
7	009CAL5 P7102817 MS.D	S06	2017-10-28 15:57:24
8	010CAL5 P7102817 MS.D	S07	2017-10-28 16:01:01
9	011CAL5 P7102817 MS.D	S08	2017-10-28 16:04:32

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	22.2
2	☐	0.100					
3	☐	1.000	0.983	1038.95	0.0007	P	12.5
4	☐	50.000	51.124	51502.44	0.0319	P	1.1
5	☐	125.000	126.670	128744.87	0.0790	P	0.3
6	☐	250.000	254.932	254705.71	0.1589	P	0.2
7	☐	500.000	505.107	499071.73	0.3148	P	0.5
8	☐	1000.000	995.949	955374.23	0.6207	P	0.6
9	☐			512.99	0.0003	P	11.8

$$y = 6.2315\text{E-}004 * x + 4.1895\text{E-}005$$

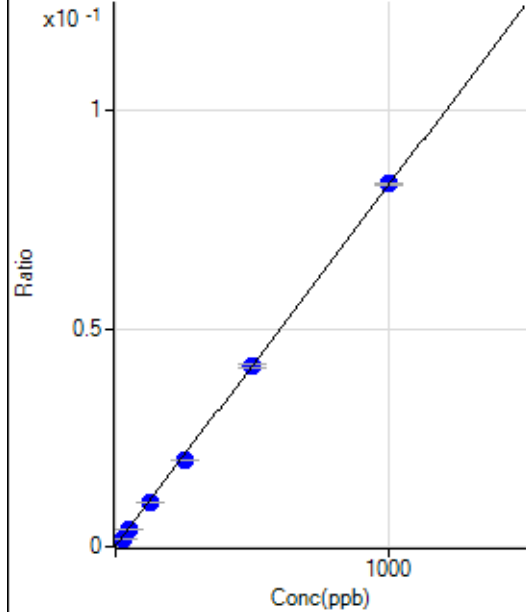
$$R = 1.0000$$

$$DL = 0.04468$$

$$BEC = 0.06723$$

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	294.46	0.0002	P	14.0
2	☐	2.500					
3	☐	25.000	19.985	2914.29	0.0018	P	10.9
4	☐	50.000	47.766	6673.96	0.0041	P	1.4
5	☐	125.000	119.526	16409.48	0.0101	P	1.4
6	☐	250.000	239.029	31970.70	0.0199	P	1.0
7	☐	500.000	498.226	65592.70	0.0414	P	1.8
8	☐	1000.000	1004.551	128119.23	0.0832	P	0.6
9	☐			5214.99	0.0035	P	13.6

$$y = 8.2670\text{E-}005 * x + 1.8497\text{E-}004$$

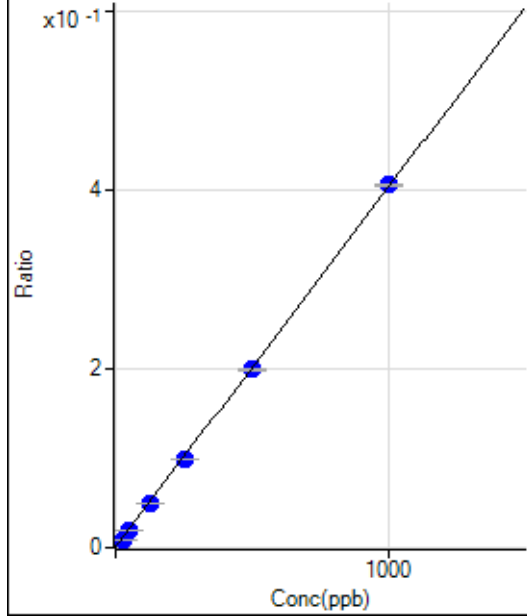
$$R = 0.9999$$

$$DL = 0.9409$$

$$BEC = 2.237$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1019.52	0.0006	P	7.7
2	☐	2.500					
3	☐	25.000	20.671	14251.63	0.0090	P	3.7
4	☐	50.000	47.758	32121.06	0.0199	P	2.8
5	☐	125.000	119.220	79397.52	0.0487	P	0.9
6	☐	250.000	242.412	157680.67	0.0984	P	0.4
7	☐	500.000	492.937	316085.40	0.1994	P	0.7
8	☐	1000.000	1006.371	625541.29	0.4064	P	0.8
9	☐			24389.88	0.0163	P	7.5

$$y = 4.0316E-004 * x + 6.4074E-004$$

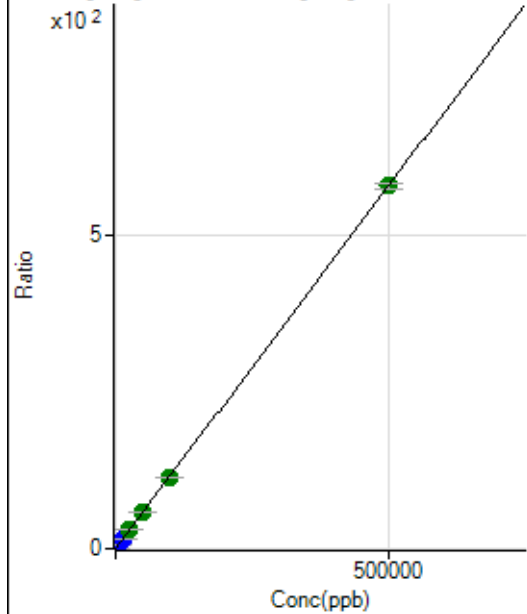
$$R = 0.9999$$

$$DL = 0.368$$

$$BEC = 1.589$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16292.75	0.0997	P	1.2
2	☐	50.000					
3	☐	500.000	487.371	105882.78	0.6627	P	0.7
4	☐	5000.000	5368.202	1014971.46	6.3010	P	0.9
5	☐	12500.000	13132.305	2477520.52	15.2701	P	1.6
6	☐	25000.000	25750.332	4884115.69	29.8464	A	1.1
7	☐	50000.000	51209.873	9639618.70	59.2571	A	1.0
8	☐	100000.00	98971.247	19036424.38	114.4309	A	0.5
9	☐	500000.00	500027.77	95886806.31	577.7300	A	1.4

$$y = 0.0012 * x + 0.0997$$

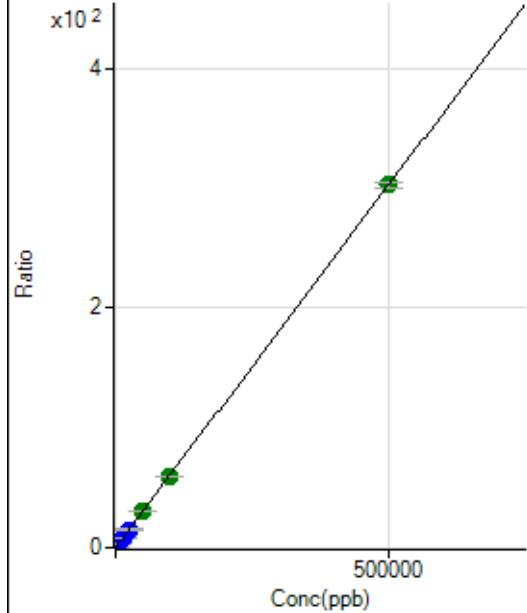
$$R = 1.0000$$

$$DL = 3.034$$

$$BEC = 86.28$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	341.68	0.0021	P	12.6
2	☐	50.000					
3	☐	500.000	467.862	45601.02	0.2854	P	1.7
4	☐	5000.000	5313.716	518644.80	3.2198	P	0.6
5	☐	12500.000	12896.082	1267301.46	7.8113	P	2.3
6	☐	25000.000	25170.615	2494550.49	15.2441	P	0.4
7	☐	50000.000	50360.935	4961232.49	30.4980	A	1.0
8	☐	100000.00	97775.571	9850098.49	59.2098	A	0.4
9	☐	500000.00	500387.25	50291346.61	303.0102	A	1.4

$$y = 6.0555\text{E-}004 * x + 0.0021$$

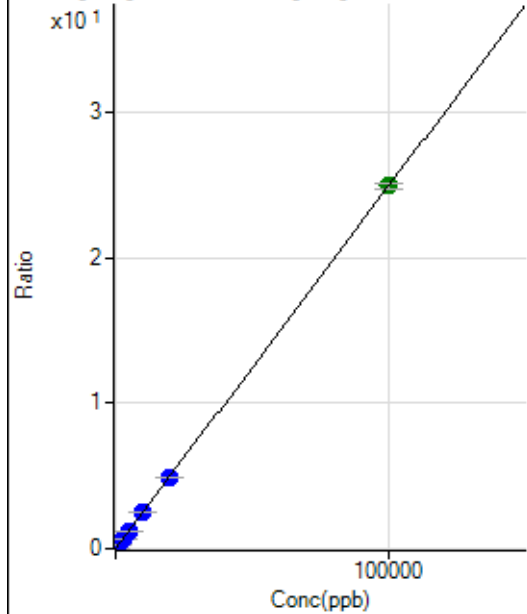
$$R = 1.0000$$

$$DL = 1.303$$

$$BEC = 3.453$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0001	P	44.2
2	☐	2.000					
3	☐	20.000	19.268	777.83	0.0049	P	13.4
4	☐	1000.000	1033.824	41497.49	0.2576	P	0.7
5	☐	2500.000	2521.835	101938.37	0.6283	P	2.6
6	☐	5000.000	4988.890	203396.16	1.2429	P	0.7
7	☐	10000.000	9926.414	402289.11	2.4730	P	1.2
8	☐	20000.000	19545.485	810062.50	4.8694	P	1.1
9	☐	100000.00	100097.93	4138893.49	24.9372	A	1.2

$$y = 2.4913\text{E-}004 * x + 6.8129\text{E-}005$$

$$R = 1.0000$$

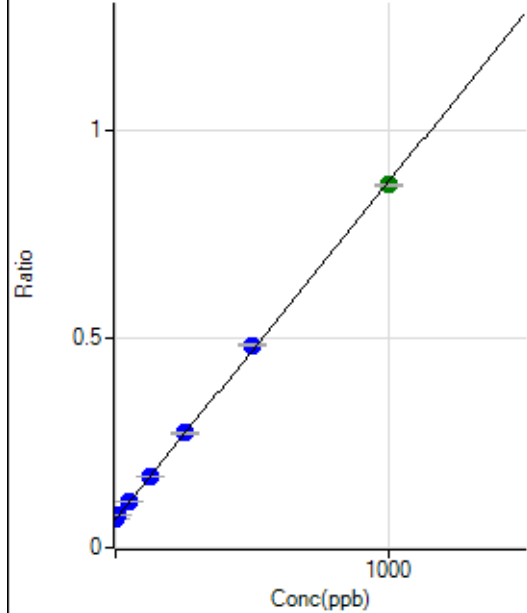
$$DL = 0.363$$

$$BEC = 0.2735$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	252547.71	0.0678	P	0.6
2	☐	1.000					
3	☐	10.000	12.464	289600.90	0.0778	P	2.8
4	☐	50.000	50.754	404581.00	0.1088	P	0.4
5	☐	125.000	124.375	639923.31	0.1682	P	0.2
6	☐	250.000	256.131	1027996.61	0.2746	P	1.7
7	☐	500.000	515.284	1803567.01	0.4839	P	0.7
8	☐	1000.000	990.841	3234002.52	0.8679	A	0.3
9	☐			493058.27	0.1317	P	2.7

$$y = 8.0753E-004 * x + 0.0678$$

$$R = 0.9998$$

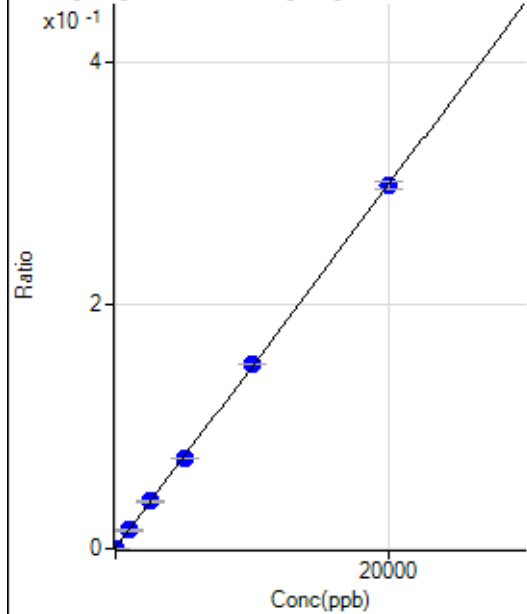
$$DL = 1.612$$

$$BEC = 83.93$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-3.774	61.11	0.0004	P	31.9
2	☐	0.000					
3	☐	0.000	3.774	77.78	0.0005	P	32.8
4	☐	1000.000	978.598	2422.51	0.0150	P	3.8
5	☐	2500.000	2567.789	6290.45	0.0388	P	1.9
6	☐	5000.000	4951.076	12166.54	0.0743	P	0.6
7	☐	10000.000	10160.449	24749.07	0.1521	P	0.2
8	☐	20000.000	19924.603	49560.84	0.2979	P	2.0
9	☐			102.78	0.0006	P	41.3

$$y = 1.4930E-005 * x + 4.3053E-004$$

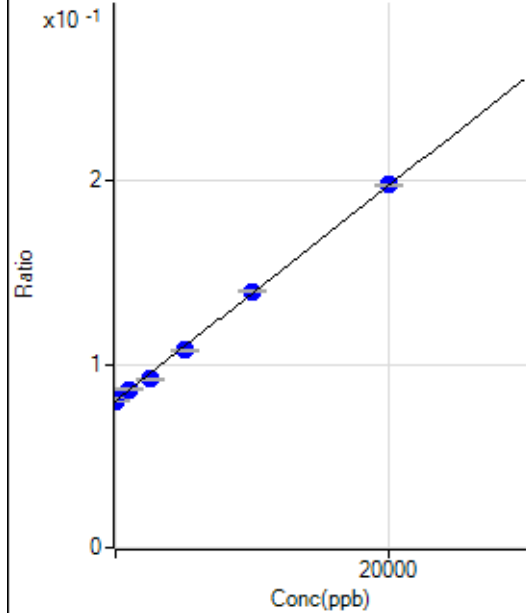
$$R = 0.9999$$

$$DL = 28.03$$

$$BEC = 28.84$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-36.439	297752.40	0.0799	P	0.9
2	☐	0.000					
3	☐	0.000	36.439	298911.94	0.0803	P	2.2
4	☐	1000.000	1031.836	320543.61	0.0862	P	0.7
5	☐	2500.000	2000.544	349414.49	0.0919	P	1.0
6	☐	5000.000	4684.432	402736.42	0.1076	P	1.5
7	☐	10000.000	10166.471	520762.42	0.1397	P	0.8
8	☐	20000.000	20056.497	736621.78	0.1977	P	0.6
9	☐			294454.18	0.0787	P	1.5

$$y = 5.8617\text{E-}006 * x + 0.0801$$

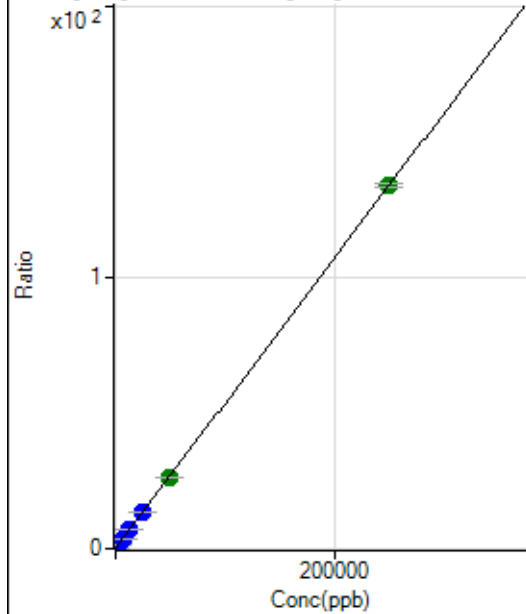
$$R = 0.9995$$

$$DL = 641.1$$

$$BEC = 1.367\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16835.10	0.1030	P	4.7
2	☐	50.000					
3	☐	500.000	454.718	55261.87	0.3459	P	0.9
4	☐	2500.000	2577.946	238419.06	1.4801	P	0.3
5	☐	6250.000	6303.724	563049.65	3.4704	P	2.1
6	☐	12500.000	12541.237	1113158.76	6.8025	P	0.4
7	☐	25000.000	24916.086	2182001.39	13.4131	P	0.9
8	☐	50000.000	49049.815	4376042.50	26.3053	A	1.0
9	☐	250000.00	250194.33	22200926.54	133.7565	A	0.9

$$y = 5.3420\text{E-}004 * x + 0.1030$$

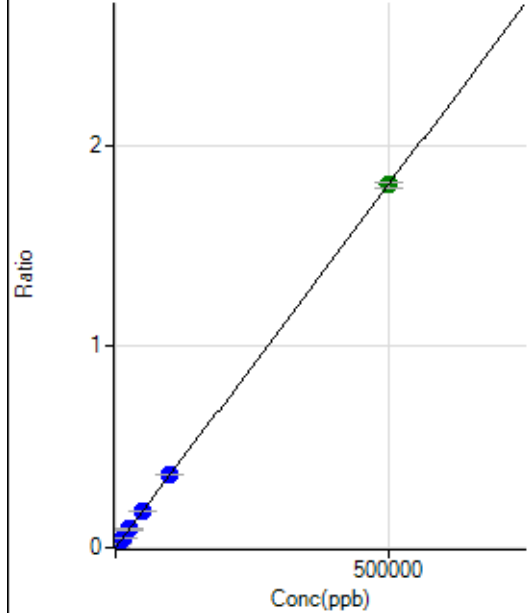
$$R = 1.0000$$

$$DL = 27.01$$

$$BEC = 192.7$$

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	247.23	0.0001	P	8.2
2	☐	50.000					
3	☐	500.000	434.589	6076.47	0.0016	P	1.0
4	☐	5000.000	5148.170	69268.33	0.0186	P	1.0
5	☐	12500.000	12385.024	170064.45	0.0447	P	0.4
6	☐	25000.000	25232.606	340693.57	0.0910	P	1.9
7	☐	50000.000	50880.107	683747.92	0.1834	P	1.1
8	☐	100000.00	99875.508	1341546.55	0.3600	P	0.5
9	☐	500000.00	499926.71	6744829.75	1.8019	A	1.6

$$y = 3.6042\text{E-}006 * x + 6.6343\text{E-}005$$

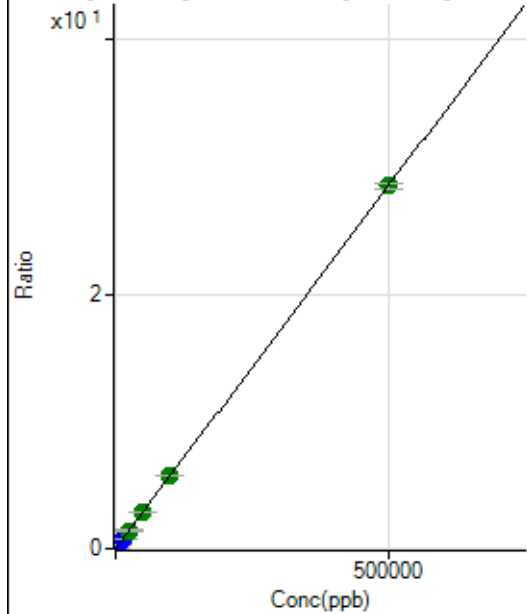
$$R = 1.0000$$

$$DL = 4.552$$

$$BEC = 18.41$$

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	20047.61	0.0054	P	1.6
2	☐	50.000					
3	☐	500.000	452.583	116033.51	0.0312	P	3.3
4	☐	5000.000	5137.228	1109872.44	0.2984	P	0.5
5	☐	12500.000	12262.825	2681039.71	0.7048	P	0.4
6	☐	25000.000	25037.206	5366201.07	1.4333	A	0.6
7	☐	50000.000	50148.420	10680083.49	2.8655	A	1.2
8	☐	100000.00	100605.81	21400401.00	5.7432	A	0.2
9	☐	500000.00	499866.73	106730861.4	28.5141	A	1.9

$$y = 5.7033\text{E-}005 * x + 0.0054$$

$$R = 1.0000$$

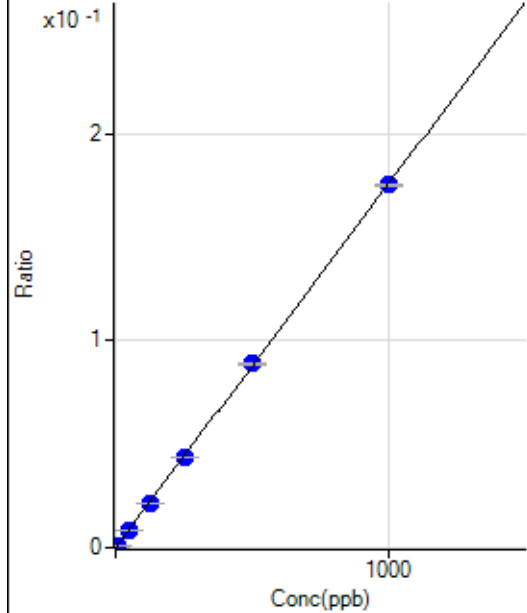
$$DL = 4.483$$

$$BEC = 94.34$$

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	21.9
2	☐	0.500					
3	☐	5.000	4.219	2836.49	0.0008	P	1.7
4	☐	50.000	49.448	32428.39	0.0087	P	1.2
5	☐	125.000	122.461	82022.81	0.0216	P	1.0
6	☐	250.000	250.518	165055.53	0.0441	P	0.4
7	☐	500.000	505.571	331522.87	0.0889	P	1.5
8	☐	1000.000	997.434	653823.12	0.1755	P	0.3
9	☐			658.38	0.0002	P	5.6

$$y = 1.7590E-004 * x + 2.0120E-005$$

$$R = 1.0000$$

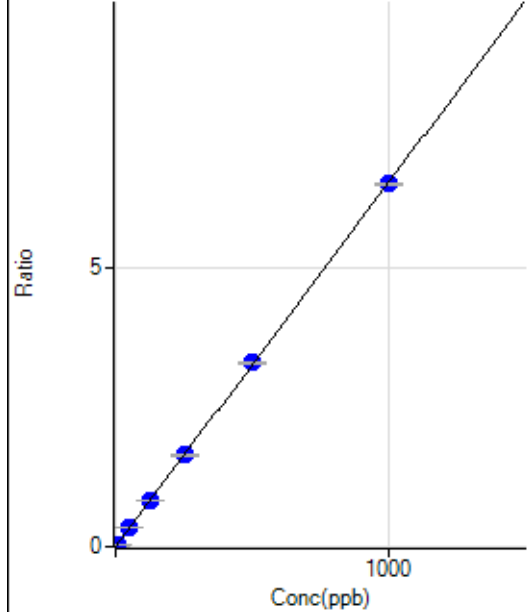
$$DL = 0.07523$$

$$BEC = 0.1144$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6.67	0.0000	P	1.2
2	☐	0.500					
3	☐	5.000	4.502	4705.26	0.00294	P	4.6
4	☐	50.000	51.239	53928.32	0.03348	P	1.4
5	☐	125.000	126.461	134050.44	0.8262	P	1.3
6	☐	250.000	251.381	268745.79	1.6423	P	0.4
7	☐	500.000	505.209	536908.36	3.3005	P	1.1
8	☐	1000.000	996.808	1083354.35	6.5121	P	0.7
9	☐			244.45	0.0015	P	2.0

$$y = 0.0065 * x + 4.0807E-005$$

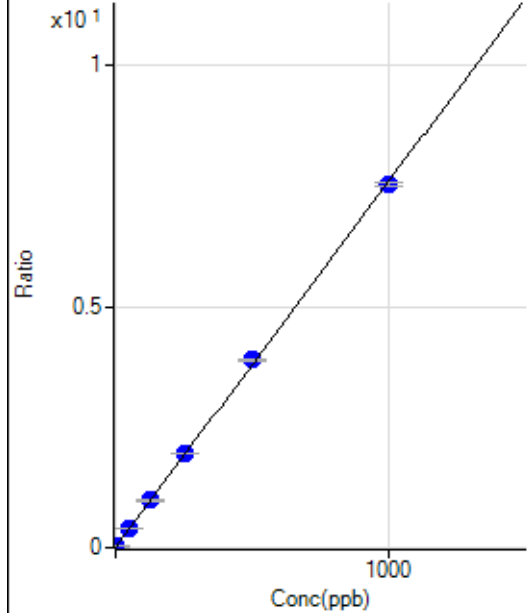
$$R = 1.0000$$

$$DL = 0.0002251$$

$$BEC = 0.006246$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	674.47	0.0041	P	14.5
2	☐	0.200					
3	☐	2.000	2.117	3225.96	0.0202	P	1.4
4	☐	50.000	52.379	64673.63	0.4015	P	0.6
5	☐	125.000	129.200	159690.43	0.9843	P	2.2
6	☐	250.000	257.158	319917.59	1.9550	P	0.4
7	☐	500.000	512.360	632970.05	3.8911	P	1.1
8	☐	1000.000	991.386	1251857.31	7.5251	P	1.0
9	☐			16909.90	0.1019	P	1.5

$$y = 0.0076 * x + 0.0041$$

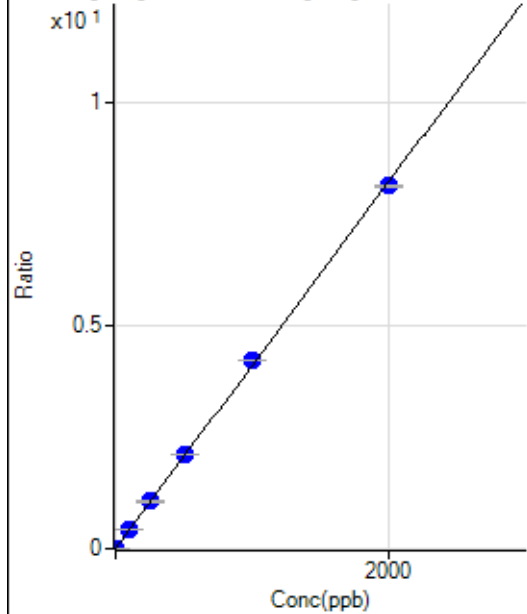
$$R = 0.9999$$

$$DL = 0.2362$$

$$BEC = 0.5444$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.11	0.0007	P	20.9
2	☐	0.100					
3	☐	1.000	1.037	790.03	0.0049	P	2.4
4	☐	100.000	104.960	69625.23	0.4322	P	0.8
5	☐	250.000	257.061	171598.10	1.0576	P	1.2
6	☐	500.000	516.268	347460.70	2.1233	P	0.5
7	☐	1000.000	1030.590	689453.95	4.2380	P	0.5
8	☐	2000.000	1979.507	1354099.81	8.1395	P	0.9
9	☐			4241.79	0.0256	P	2.7

$$y = 0.0041 * x + 6.8074E-004$$

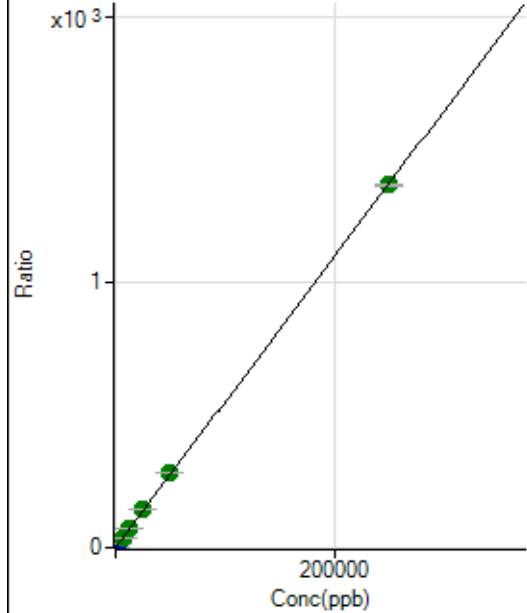
$$R = 0.9998$$

$$DL = 0.1037$$

$$BEC = 0.1656$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2763.30	0.0169	P	4.1
2	☐	5.000					
3	☐	50.000	52.753	48903.96	0.3061	P	1.5
4	☐	2500.000	2772.061	2450447.86	15.2122	P	0.6
5	☐	6250.000	6621.561	5892139.72	36.3137	A	0.6
6	☐	12500.000	13276.184	11911405.82	72.7917	A	0.9
7	☐	25000.000	26255.529	23414164.18	143.9394	A	1.5
8	☐	50000.000	51242.259	46731201.04	280.9068	A	0.8
9	☐	250000.00	249575.17	227070616.1	1,368.089	A	0.7

$$y = 0.0055 * x + 0.0169$$

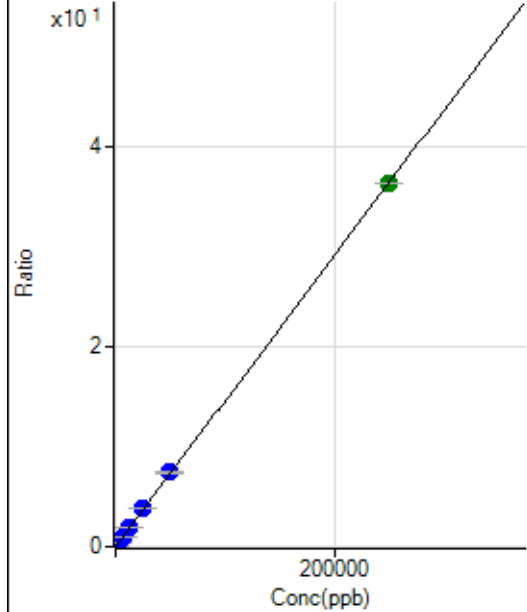
$$R = 1.0000$$

$$DL = 0.3824$$

$$BEC = 3.083$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	131.49	0.0008	P	19.9
2	☐	5.000					
3	☐	50.000	48.885	1264.90	0.0079	P	9.8
4	☐	2500.000	2691.756	63212.06	0.3924	P	1.1
5	☐	6250.000	6624.855	156490.75	0.9646	P	2.5
6	☐	12500.000	13299.643	316731.24	1.9356	P	0.9
7	☐	25000.000	26320.295	623019.89	3.8297	P	0.9
8	☐	50000.000	50950.170	1233188.02	7.4128	P	1.0
9	☐	250000.00	249626.66	6027460.43	36.3152	A	0.1

$$y = 1.4547E-004 * x + 8.0483E-004$$

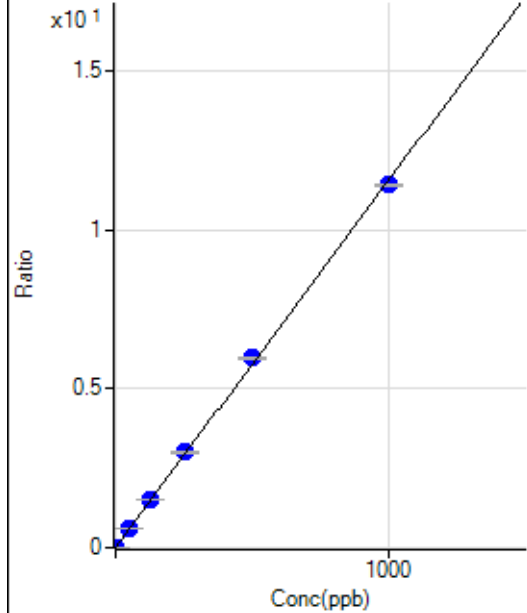
$$R = 1.0000$$

$$DL = 3.311$$

$$BEC = 5.532$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	121.11	0.0007	P	7.7
2	☐	0.100					
3	☐	1.000	1.000	1964.61	0.0123	P	4.8
4	☐	50.000	53.259	99293.20	0.6164	P	0.3
5	☐	125.000	131.468	246685.27	1.5205	P	2.1
6	☐	250.000	259.494	490980.48	3.0004	P	0.4
7	☐	500.000	516.625	971601.05	5.9727	P	1.0
8	☐	1000.000	988.342	1900739.66	11.4255	P	0.9
9	☐			2431.34	0.0146	P	2.4

$$y = 0.0116 * x + 7.4067E-004$$

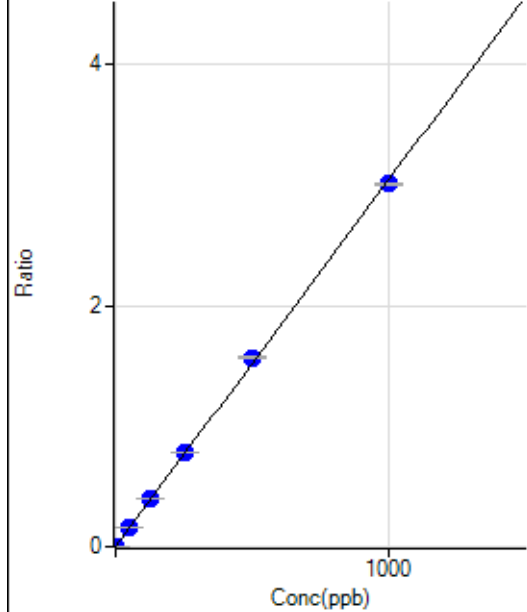
$$R = 0.9997$$

$$DL = 0.01487$$

$$BEC = 0.06407$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	70.00	0.0004	P	14.2
2	☐	0.100					
3	☐	1.000	1.133	618.91	0.0039	P	7.4
4	☐	50.000	53.049	26052.24	0.1617	P	0.5
5	☐	125.000	130.141	64273.77	0.3961	P	1.8
6	☐	250.000	258.533	128705.72	0.7865	P	0.2
7	☐	500.000	515.015	254812.15	1.5664	P	0.9
8	☐	1000.000	989.564	500622.46	3.0093	P	0.8
9	☐			5177.67	0.0312	P	2.3

$$y = 0.0030 * x + 4.2816E-004$$

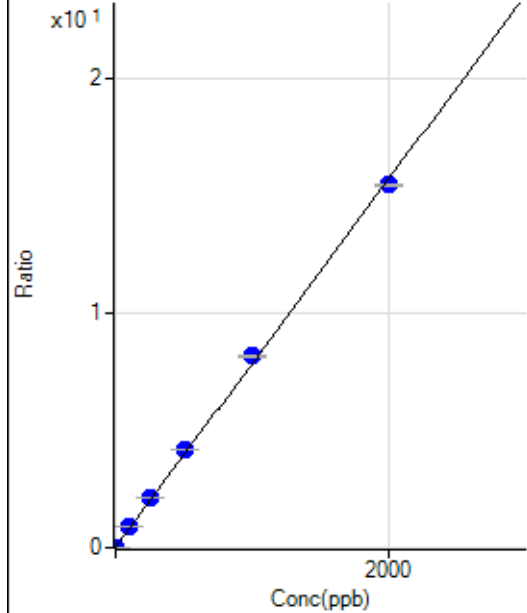
$$R = 0.9998$$

$$DL = 0.05992$$

$$BEC = 0.1408$$

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	1535.66	0.0094	P	4.6
2	☐	0.200					
3	☐	2.000	2.265	4345.15	0.0272	P	3.8
4	☐	100.000	109.774	140522.15	0.8723	P	0.8
5	☐	250.000	267.985	343310.85	2.1160	P	1.6
6	☐	500.000	529.665	682861.79	4.1730	P	0.4
7	☐	1000.000	1040.714	1332400.19	8.1902	P	0.7
8	☐	2000.000	1969.489	2577119.86	15.4912	P	0.7
9	☐			5127.64	0.0309	P	1.8

$$y = 0.0079 * x + 0.0094$$

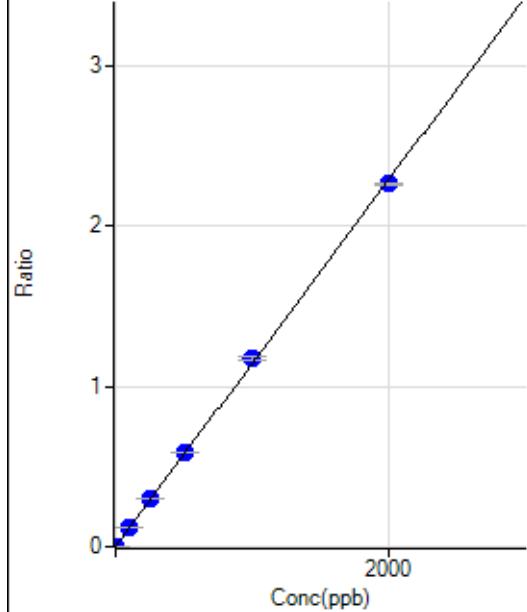
$$R = 0.9996$$

$$DL = 0.1655$$

$$BEC = 1.195$$

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	150.00	0.0009	P	3.2
2	☐	0.200					
3	☐	2.000	1.903	494.46	0.0031	P	9.7
4	☐	100.000	105.634	19610.00	0.1217	P	1.9
5	☐	250.000	258.922	48199.41	0.2971	P	1.1
6	☐	500.000	516.889	96893.27	0.5921	P	0.4
7	☐	1000.000	1030.394	191849.86	1.1794	P	1.9
8	☐	2000.000	1979.184	376743.23	2.2646	P	0.8
9	☐			18456.31	0.1112	P	2.1

$$y = 0.0011 * x + 9.1785E-004$$

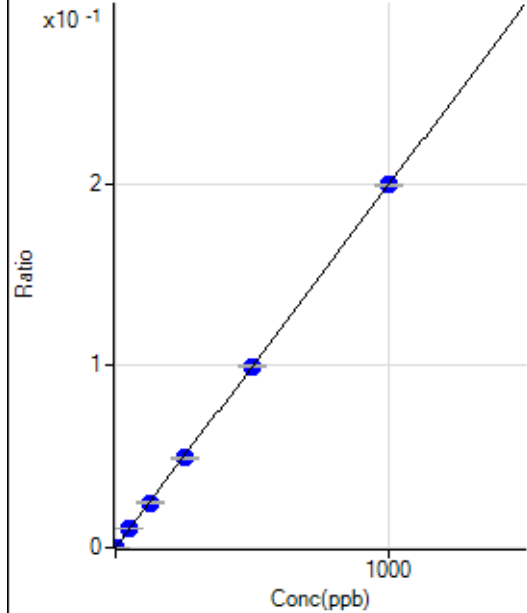
$$R = 0.9998$$

$$DL = 0.07714$$

$$BEC = 0.8025$$

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	4.94	0.0000	P	113.
2	☐	0.100					
3	☐	1.000	0.937	146.92	0.0002	P	3.4
4	☐	50.000	51.111	7812.65	0.0102	P	1.7
5	☐	125.000	123.565	19131.79	0.0246	P	2.0
6	☐	250.000	247.152	38724.86	0.0492	P	0.5
7	☐	500.000	500.706	78629.95	0.0998	P	0.4
8	☐	1000.000	1000.483	157781.92	0.1993	P	0.3
9	☐			69.14	0.0001	P	10.4

$$y = 1.9924\text{E-}004 * x + 6.3313\text{E-}006$$

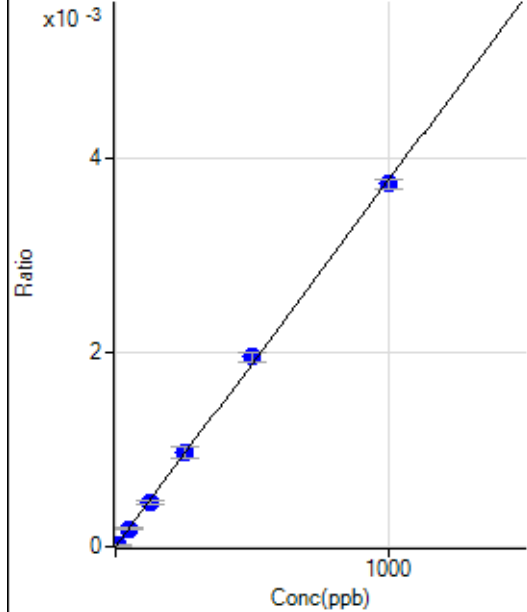
$$R = 1.0000$$

$$DL = 0.1085$$

$$BEC = 0.03178$$

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	3.484	10.00	0.0000	P	58.1
4	☐	50.000	49.471	143.34	0.0002	P	14.0
5	☐	125.000	119.962	352.23	0.0005	P	7.4
6	☐	250.000	257.228	764.48	0.0010	P	10.8
7	☐	500.000	517.424	1541.21	0.0020	P	4.3
8	☐	1000.000	990.145	2961.46	0.0037	P	2.5
9	☐			3.33	0.0000	P	173.

$$y = 3.7787\text{E-}006 * x + 0.0000\text{E+}000$$

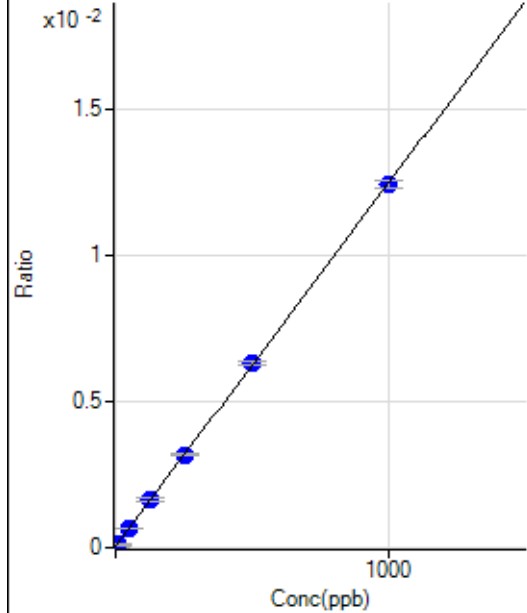
$$R = 0.9997$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.25	0.0000	P	34.4
2	☐	0.500					
3	☐	5.000	5.617	82.72	0.0001	P	24.3
4	☐	50.000	51.687	521.62	0.0007	P	2.6
5	☐	125.000	130.740	1290.20	0.0017	P	8.8
6	☐	250.000	253.452	2503.33	0.0032	P	1.1
7	☐	500.000	506.258	4981.14	0.0063	P	2.2
8	☐	1000.000	995.203	9804.00	0.0124	P	2.2
9	☐			38.89	0.0000	P	25.7

$$y = 1.2406E-005 * x + 3.9096E-005$$

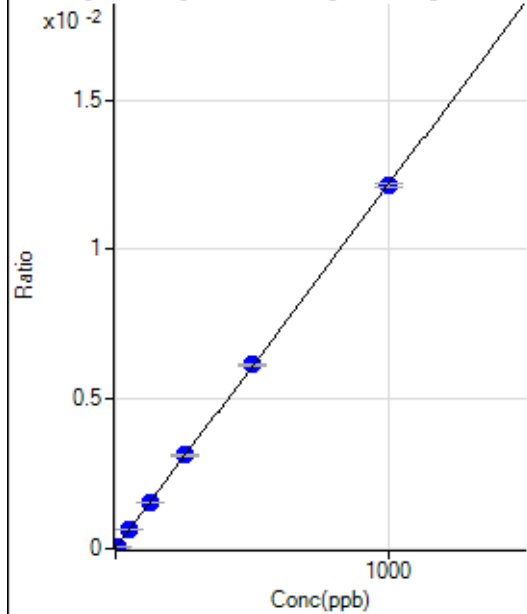
R = 1.0000

DL = 3.249

BEC = 3.151

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	59.63	0.0000	P	38.3
2	☐	0.500					
3	☐	5.000	4.737	373.02	0.0001	P	10.0
4	☐	50.000	51.844	3517.16	0.0006	P	1.4
5	☐	125.000	126.862	8629.18	0.0016	P	0.4
6	☐	250.000	255.572	17180.44	0.0031	P	1.2
7	☐	500.000	504.382	34270.82	0.0061	P	1.3
8	☐	1000.000	996.092	66543.88	0.0121	P	1.1
9	☐			114.57	0.0000	P	21.1

$$y = 1.2161E-005 * x + 1.0772E-005$$

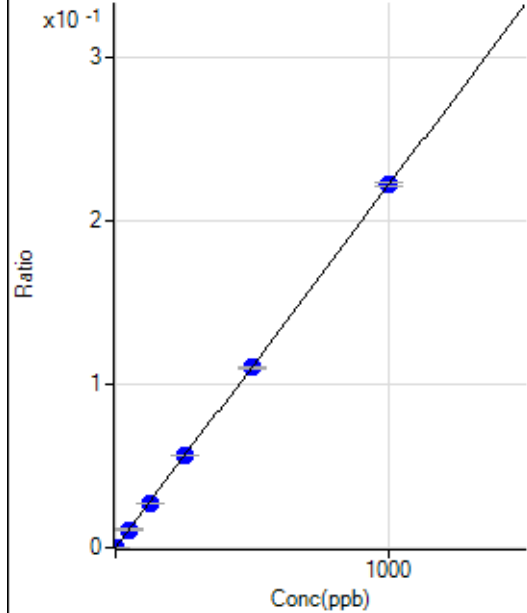
R = 1.0000

DL = 1.017

BEC = 0.8858

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	263.90	0.0000	P	13.4
2	☐	0.100					
3	☐	1.000	1.028	1502.92	0.0003	P	10.3
4	☐	50.000	50.181	61262.11	0.0112	P	0.4
5	☐	125.000	122.822	151449.62	0.0273	P	1.1
6	☐	250.000	253.972	310313.58	0.0563	P	0.8
7	☐	500.000	496.284	613714.97	0.1100	P	0.8
8	☐	1000.000	1001.128	1217975.36	0.2219	P	0.9
9	☐			42926.42	0.0079	P	0.9

$$y = 2.2160E-004 * x + 4.7685E-005$$

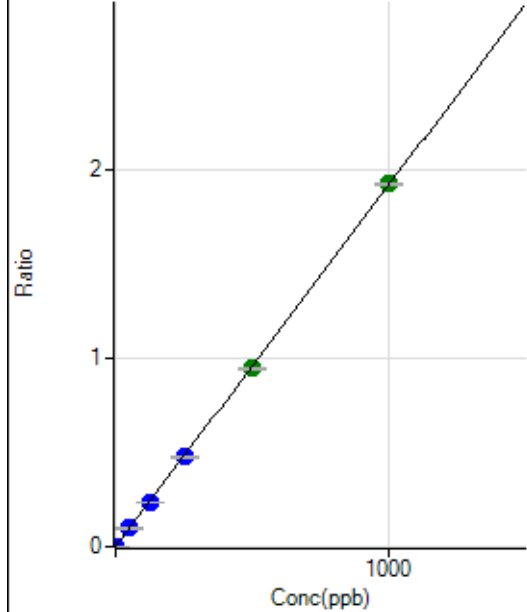
$$R = 1.0000$$

$$DL = 0.08625$$

$$BEC = 0.2152$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.56	0.0000	P	29.0
2	☐	0.100					
3	☐	1.000	0.929	9853.84	0.0018	P	3.7
4	☐	50.000	50.692	533210.80	0.0972	P	1.1
5	☐	125.000	122.650	1306254.31	0.2352	P	0.7
6	☐	250.000	247.717	2616389.38	0.4749	P	0.5
7	☐	500.000	493.863	5281021.65	0.9468	A	1.3
8	☐	1000.000	1003.898	10563975.06	1.9247	A	0.7
9	☐			365973.61	0.0671	P	0.2

$$y = 0.0019 * x + 2.3597E-005$$

$$R = 1.0000$$

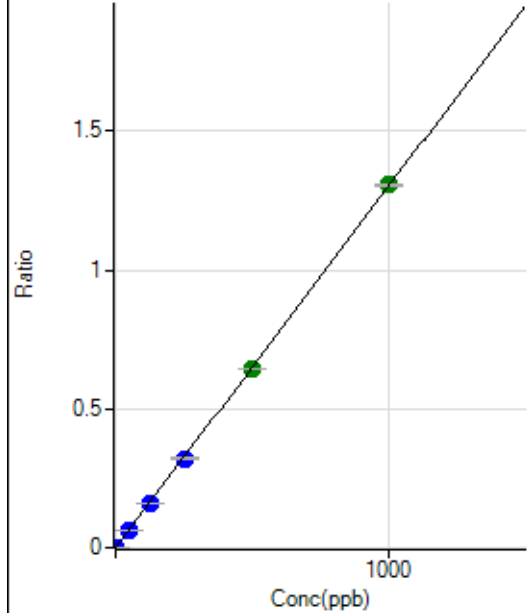
$$DL = 0.0107$$

$$BEC = 0.01231$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	341.69	0.0001	P	4.9
2	☐	0.100					
3	☐	1.000	0.822	6179.37	0.0011	P	6.9
4	☐	50.000	49.318	352436.91	0.0642	P	0.7
5	☐	125.000	122.651	887043.79	0.1597	P	0.5
6	☐	250.000	246.776	1769680.12	0.3212	P	0.9
7	☐	500.000	493.913	3586031.07	0.6429	A	0.3
8	☐	1000.000	1004.177	7173747.64	1.3070	A	0.8
9	☐			1755.74	0.0003	P	13.7

$$y = 0.0013 * x + 6.1728E-005$$

$$R = 1.0000$$

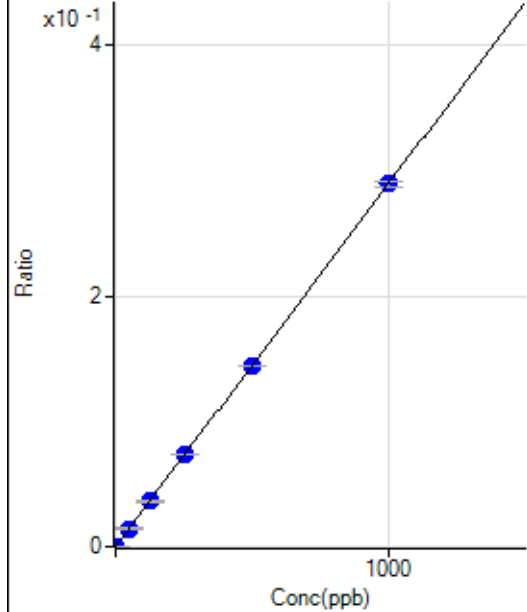
$$DL = 0.006903$$

$$BEC = 0.04743$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.78	0.0000	P	51.5
2	☐	0.100					
3	☐	1.000	0.887	1505.70	0.0003	P	3.0
4	☐	50.000	50.103	79730.63	0.0145	P	0.9
5	☐	125.000	124.556	200564.93	0.0361	P	1.0
6	☐	250.000	255.204	407443.38	0.0740	P	0.8
7	☐	500.000	498.191	805246.20	0.1444	P	0.5
8	☐	1000.000	999.654	1589788.80	0.2897	P	1.3
9	☐			425.02	0.0001	P	12.7

$$y = 2.8974E-004 * x + 1.8563E-005$$

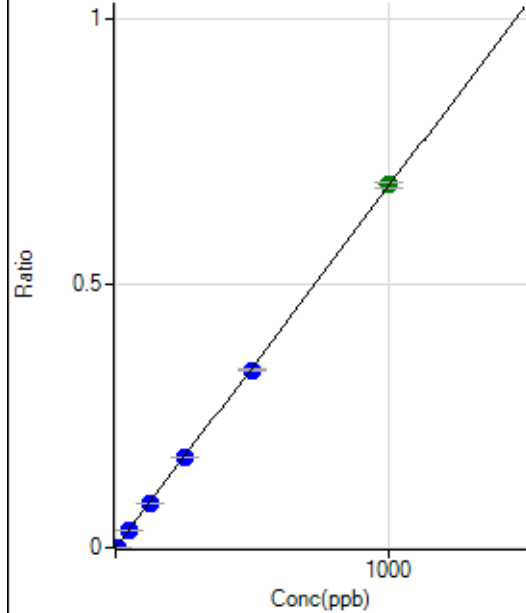
$$R = 1.0000$$

$$DL = 0.09889$$

$$BEC = 0.06407$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	175.01	0.0000	P	21.6
2	☐	0.500					
3	☐	5.000	1.987	7582.87	0.0014	P	5.9
4	☐	50.000	49.373	185179.90	0.0338	P	1.2
5	☐	125.000	123.816	469992.59	0.0846	P	1.3
6	☐	250.000	249.335	938468.65	0.1704	P	0.7
7	☐	500.000	491.613	1873274.67	0.3359	P	1.1
8	☐	1000.000	1004.554	3766502.12	0.6863	A	1.3
9	☐			3595.04	0.0007	P	9.7

$$y = 6.8311E-004 * x + 3.1607E-005$$

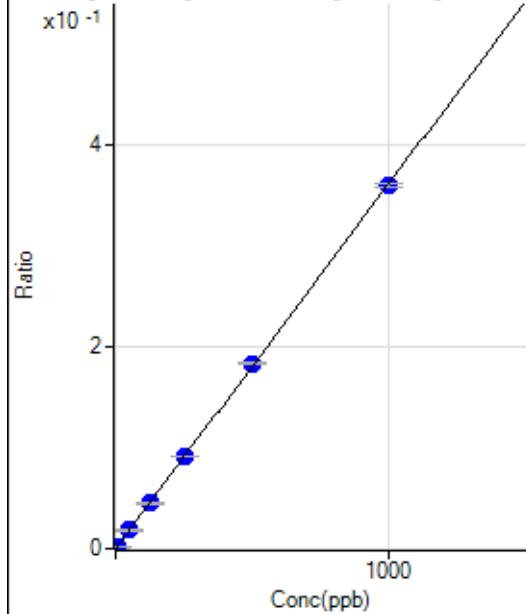
$$R = 0.9999$$

$$DL = 0.02999$$

$$BEC = 0.04627$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0000	P	55.5
2	☐	0.500					
3	☐	5.000	4.539	9022.68	0.0017	P	7.1
4	☐	50.000	50.090	99501.92	0.0181	P	1.4
5	☐	125.000	124.810	251004.31	0.0452	P	1.4
6	☐	250.000	253.987	506520.82	0.0919	P	0.7
7	☐	500.000	507.941	1025572.54	0.1839	P	1.1
8	☐	1000.000	995.054	1977001.41	0.3602	P	1.2
9	☐			5206.71	0.0010	P	3.6

$$y = 3.6197E-004 * x + 9.5408E-006$$

$$R = 0.9999$$

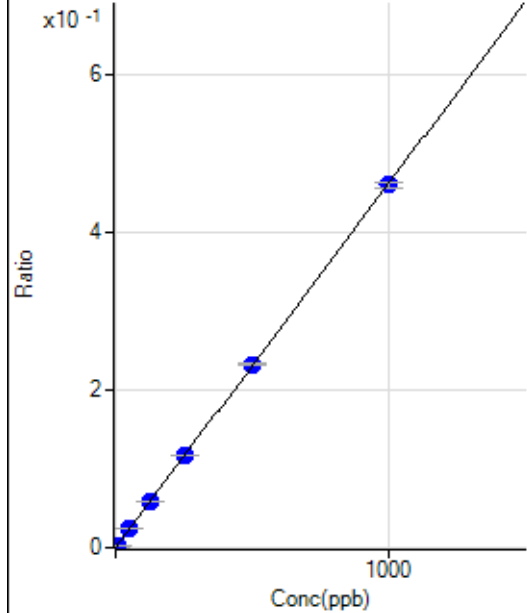
$$DL = 0.04392$$

$$BEC = 0.02636$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0000	P	54.6
2	☐	0.500					
3	☐	5.000	4.041	10267.97	0.0019	P	3.6
4	☐	50.000	50.666	128251.61	0.0234	P	0.8
5	☐	125.000	126.712	324670.42	0.0584	P	1.0
6	☐	250.000	255.401	648918.27	0.1178	P	0.6
7	☐	500.000	503.173	1294336.68	0.2321	P	0.8
8	☐	1000.000	996.821	2523109.13	0.4597	P	1.5
9	☐			7210.44	0.0013	P	2.2

$$y = 4.6115\text{E-}004 * x + 1.6558\text{E-}005$$

$$R = 1.0000$$

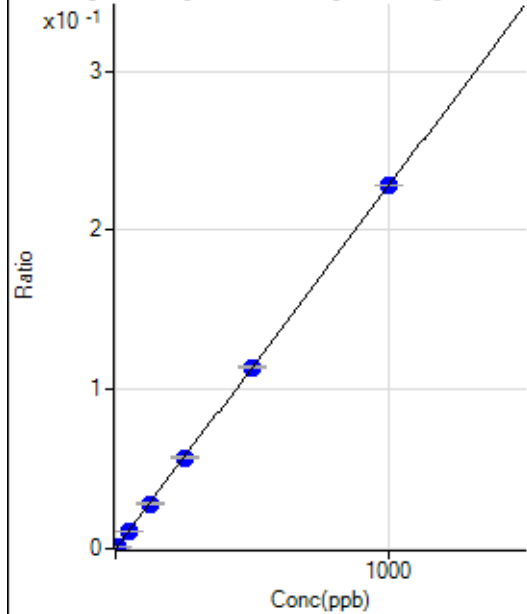
$$DL = 0.0588$$

$$BEC = 0.03591$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	69.4
2	☐	0.500					
3	☐	5.000	4.537	5676.35	0.0010	P	4.2
4	☐	50.000	49.694	62105.64	0.0113	P	1.5
5	☐	125.000	123.735	156566.86	0.0282	P	1.8
6	☐	250.000	251.513	315592.53	0.0573	P	0.6
7	☐	500.000	499.250	634240.18	0.1137	P	0.9
8	☐	1000.000	1000.172	1250372.59	0.2278	P	0.1
9	☐			3275.49	0.0006	P	3.1

$$y = 2.2775\text{E-}004 * x + 5.0220\text{E-}006$$

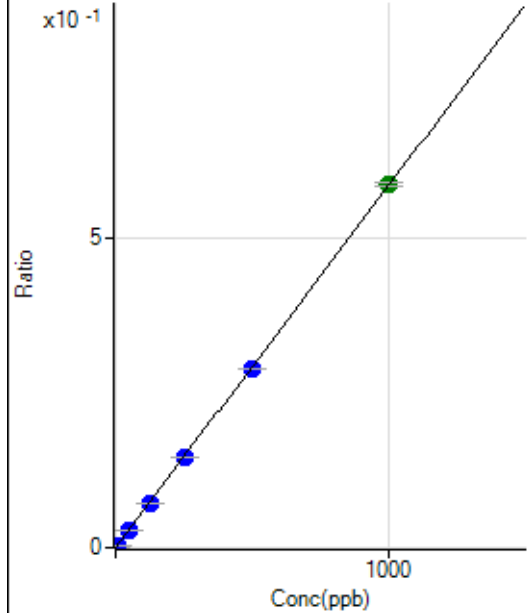
$$R = 1.0000$$

$$DL = 0.04593$$

$$BEC = 0.02205$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.12	0.0000	P	20.9
2	☐	0.500					
3	☐	5.000	4.476	14335.57	0.0026	P	3.7
4	☐	50.000	49.975	160126.63	0.0292	P	0.7
5	☐	125.000	124.232	402983.21	0.0725	P	0.8
6	☐	250.000	251.357	808575.35	0.1468	P	0.6
7	☐	500.000	495.271	1613116.15	0.2892	P	0.5
8	☐	1000.000	1002.125	3211593.86	0.5851	A	1.1
9	☐			8222.17	0.0015	P	2.3

$$y = 5.8389\text{E-}004 * x + 1.1041\text{E-}005$$

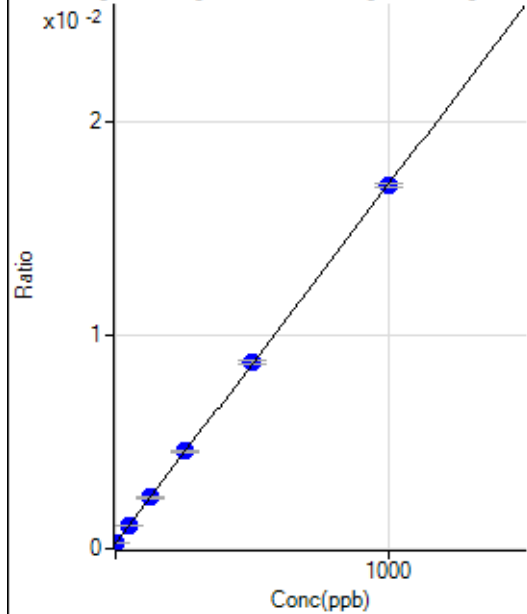
$$R = 1.0000$$

$$DL = 0.01184$$

$$BEC = 0.01891$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1427.91	0.0003	P	5.5
2	☐	0.100					
3	☐	1.000	0.665	1514.04	0.0003	P	5.0
4	☐	50.000	49.141	6154.37	0.0011	P	3.3
5	☐	125.000	126.951	13926.78	0.0024	P	3.2
6	☐	250.000	255.959	26247.42	0.0046	P	1.6
7	☐	500.000	504.803	50700.25	0.0087	P	1.6
8	☐	1000.000	995.908	97268.92	0.0170	P	1.0
9	☐			1416.80	0.0003	P	5.9

$$y = 1.6830\text{E-}005 * x + 2.5377\text{E-}004$$

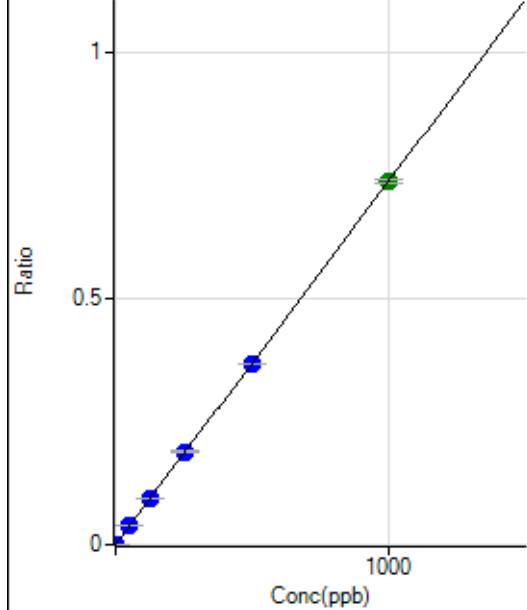
$$R = 1.0000$$

$$DL = 2.493$$

$$BEC = 15.08$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	34.1
2	☐	0.100					
3	☐	1.000	0.936	4000.74	0.0007	P	4.4
4	☐	50.000	52.599	221391.25	0.0389	P	0.8
5	☐	125.000	127.413	548612.76	0.0942	P	0.6
6	☐	250.000	256.593	1091126.72	0.1896	P	0.4
7	☐	500.000	498.302	2133790.41	0.3682	P	0.8
8	☐	1000.000	998.769	4219098.71	0.7381	A	1.2
9	☐			411.13	0.0001	P	20.9

$$y = 7.3897\text{E-}004 * x + 8.9040\text{E-}006$$

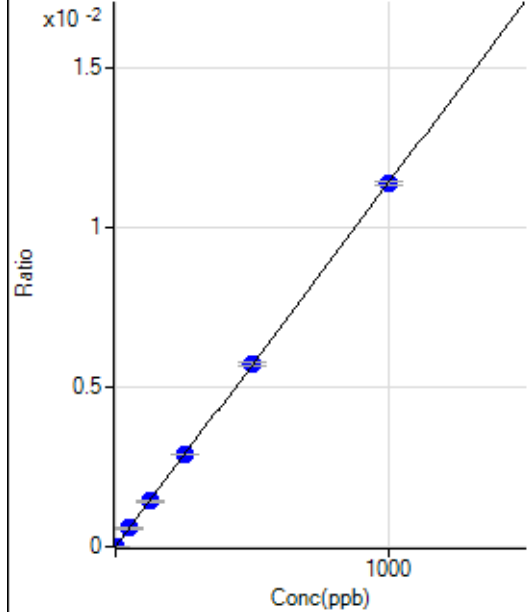
$$R = 1.0000$$

$$DL = 0.01233$$

$$BEC = 0.01205$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	21.9
2	☐	0.100					
3	☐	1.000	0.894	69.44	0.0000	P	15.6
4	☐	50.000	50.404	3282.39	0.0006	P	2.4
5	☐	125.000	124.805	8298.41	0.0014	P	1.6
6	☐	250.000	254.694	16714.24	0.0029	P	1.1
7	☐	500.000	502.650	33204.47	0.0057	P	1.6
8	☐	1000.000	997.505	64998.45	0.0114	P	0.9
9	☐			22.22	0.0000	P	92.9

$$y = 1.1397\text{E-}005 * x + 1.9759\text{E-}006$$

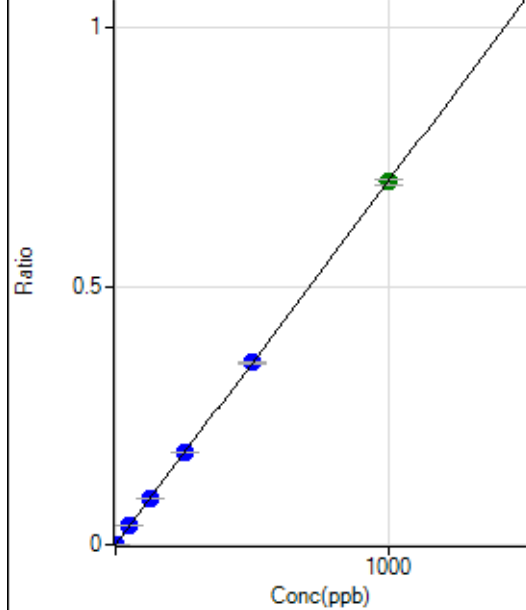
$$R = 1.0000$$

$$DL = 0.114$$

$$BEC = 0.1734$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	49.9
2	☐	0.100					
3	☐	1.000	0.973	3942.38	0.0007	P	2.0
4	☐	50.000	52.465	210007.37	0.0369	P	1.2
5	☐	125.000	127.114	520539.34	0.0893	P	0.7
6	☐	250.000	255.796	1034536.17	0.1798	P	0.3
7	☐	500.000	500.299	2037561.44	0.3516	P	0.5
8	☐	1000.000	998.014	4009583.42	0.7014	A	1.4
9	☐			413.92	0.0001	P	25.4

$$y = 7.0282\text{E-}004 * x + 5.9288\text{E-}006$$

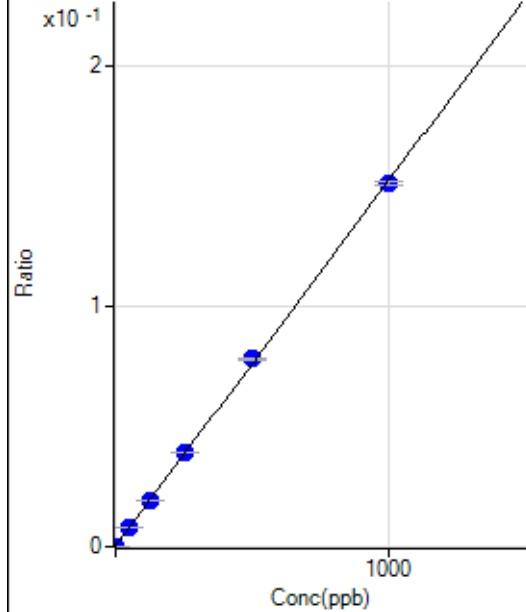
$$R = 1.0000$$

$$DL = 0.01263$$

$$BEC = 0.008436$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1000.09	0.0002	P	5.6
2	☐	0.100					
3	☐	1.000	0.867	1769.59	0.0003	P	4.6
4	☐	50.000	52.331	46347.96	0.0081	P	1.6
5	☐	125.000	126.022	112741.65	0.0194	P	0.5
6	☐	250.000	257.422	226374.22	0.0393	P	1.5
7	☐	500.000	512.143	452539.72	0.0781	P	0.3
8	☐	1000.000	991.829	863616.28	0.1511	P	1.0
9	☐			1081.77	0.0002	P	6.0

$$y = 1.5214\text{E-}004 * x + 1.7773\text{E-}004$$

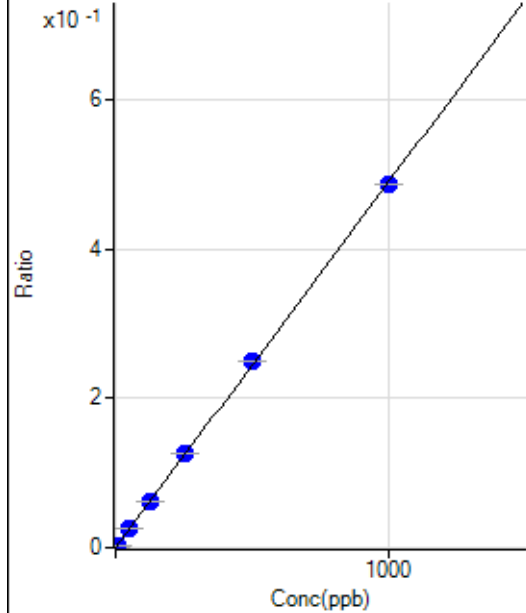
$$R = 0.9999$$

$$DL = 0.1954$$

$$BEC = 1.168$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	263.90	0.0000	P	18.2
2	☐	0.500					
3	☐	5.000	4.558	13014.85	0.0023	P	2.4
4	☐	50.000	51.874	144805.84	0.0254	P	1.9
5	☐	125.000	126.708	361507.28	0.0620	P	0.2
6	☐	250.000	256.947	723744.47	0.1258	P	1.1
7	☐	500.000	510.474	1447709.55	0.2498	P	0.7
8	☐	1000.000	992.721	2777394.14	0.4858	P	0.1
9	☐			3784.00	0.0007	P	2.1

$$y = 4.8933\text{E-}004 * x + 4.6959\text{E-}005$$

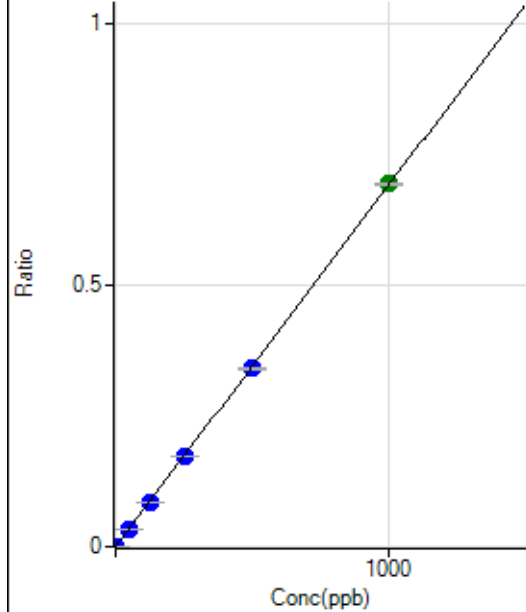
$$R = 0.9999$$

$$DL = 0.05252$$

$$BEC = 0.09597$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	208.34	0.0000	P	16.7
2	☐	0.200					
3	☐	2.000	1.733	7054.84	0.0012	P	6.0
4	☐	50.000	50.127	197589.56	0.0347	P	0.8
5	☐	125.000	122.349	493101.60	0.0846	P	0.6
6	☐	250.000	249.933	994627.30	0.1729	P	0.9
7	☐	500.000	492.367	1972961.65	0.3405	P	0.9
8	☐	1000.000	1004.159	3969401.82	0.6944	A	0.8
9	☐			10206.94	0.0018	P	1.2

$$y = 6.9145\text{E-}004 * x + 3.7004\text{E-}005$$

$$R = 1.0000$$

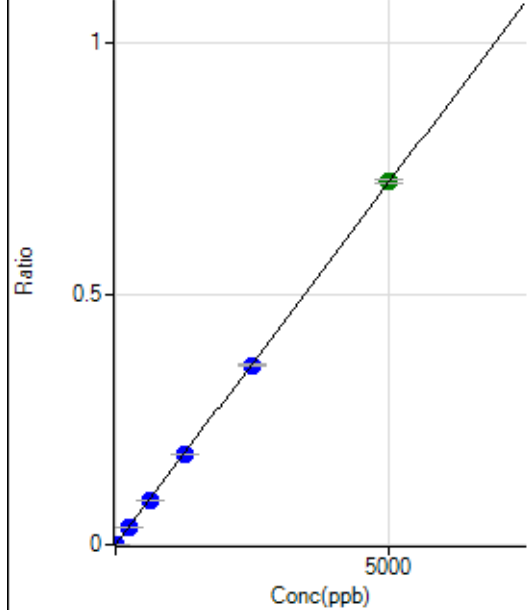
$$DL = 0.02684$$

$$BEC = 0.05352$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	77.78	0.0000	P	37.2
2	☐	1.000					
3	☐	10.000	9.087	7566.25	0.0013	P	2.8
4	☐	250.000	249.843	205277.03	0.0360	P	0.8
5	☐	625.000	611.805	514183.13	0.0883	P	1.2
6	☐	1250.000	1244.613	1033012.13	0.1795	P	1.3
7	☐	2500.000	2474.210	2067908.60	0.3569	P	0.9
8	☐	5000.000	5015.901	4135613.07	0.7235	A	1.0
9	☐			1189.00	0.0002	P	9.1

$$y = 1.4423\text{E-}004 * x + 1.3808\text{E-}005$$

$$R = 1.0000$$

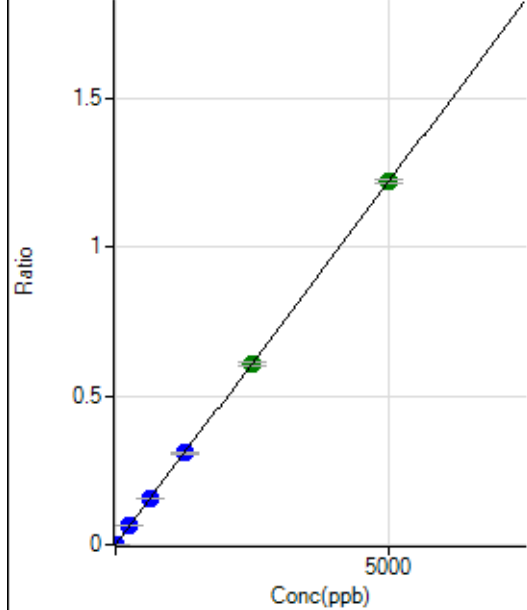
$$DL = 0.1068$$

$$BEC = 0.09573$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	100.00	0.0000	P	42.7
2	☐	1.000					
3	☐	10.000	9.125	12828.59	0.0022	P	2.3
4	☐	250.000	256.872	357216.18	0.0627	P	1.1
5	☐	625.000	623.683	887232.04	0.1523	P	0.2
6	☐	1250.000	1258.983	1768717.57	0.3074	P	1.2
7	☐	2500.000	2495.627	3530515.53	0.6093	A	2.3
8	☐	5000.000	4999.764	6978305.97	1.2207	A	1.1
9	☐			2222.51	0.0004	P	10.3

$$y = 2.4414\text{E-}004 * x + 1.7752\text{E-}005$$

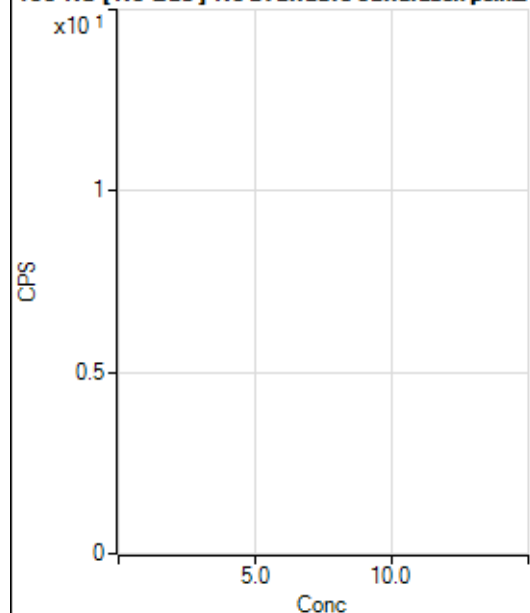
$$R = 1.0000$$

$$DL = 0.09318$$

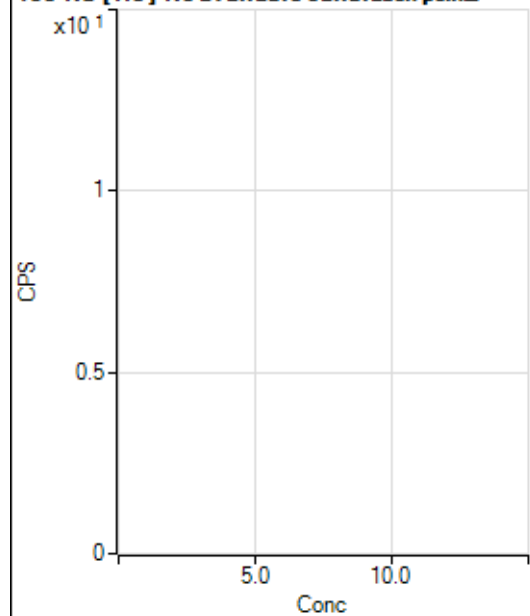
$$BEC = 0.07271$$

Weight: <None>

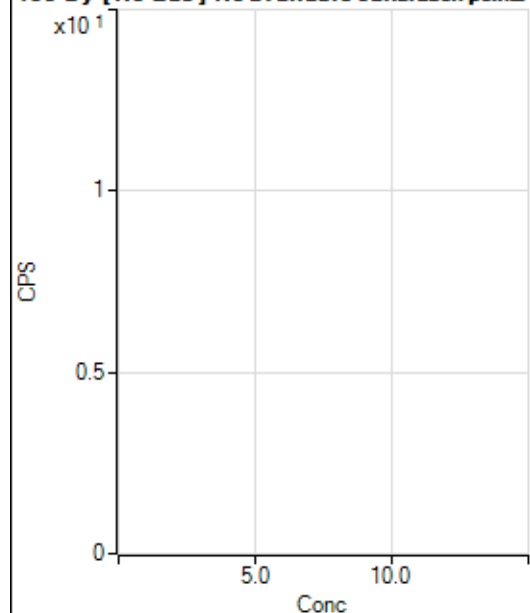
Min Conc: 0

150 Nd [No Gas] No available calibration points

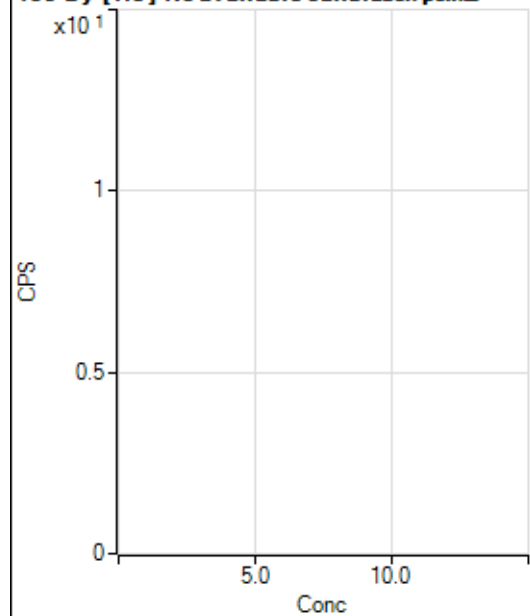
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	173.
2	☐						
3	☐			8.89		P	114.
4	☐			13.33		P	50.0
5	☐			28.89		P	48.0
6	☐			48.89		P	34.3
7	☐			133.34		P	26.5
8	☐			171.12		P	23.8
9	☐			40.00		P	33.3

150 Nd [He] No available calibration points

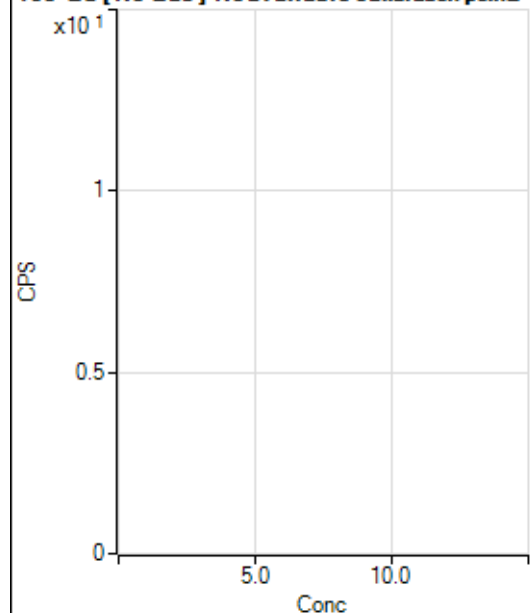
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			0.00		P	
4	☐			3.33		P	100.
5	☐			4.44		P	114.
6	☐			13.33		P	25.0
7	☐			15.56		P	65.5
8	☐			23.33		P	37.8
9	☐			21.11		P	39.7

156 Dy [No Gas] No available calibration points

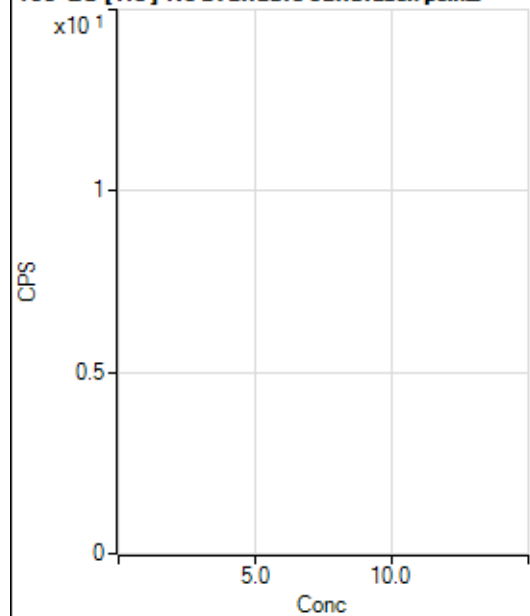
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	81.1
2	☐						
3	☐			86.12		P	5.6
4	☐			33.33		P	43.3
5	☐			33.33		P	25.0
6	☐			41.67		P	34.6
7	☐			66.67		P	25.0
8	☐			75.00		P	33.3
9	☐			41.67		P	40.0

156 Dy [He] No available calibration points

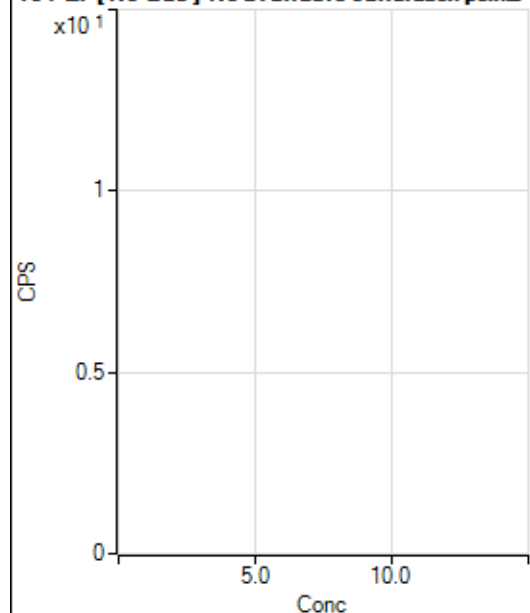
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐						
3	☐			4.44		P	43.4
4	☐			2.22		P	86.6
5	☐			8.89		P	57.3
6	☐			6.67		P	50.0
7	☐			17.78		P	21.7
8	☐			47.78		P	31.5
9	☐			7.78		P	49.5

160 Gd [No Gas] Noavailable calibration poin_

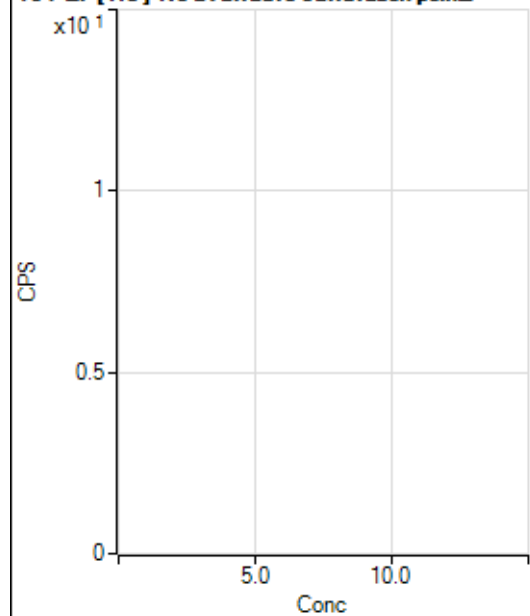
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.22		P	44.4
2	☐						
3	☐			8.33		P	0.0
4	☐			27.78		P	105.
5	☐			38.89		P	81.1
6	☐			33.34		P	86.6
7	☐			44.45		P	39.0
8	☐			25.00		P	33.3
9	☐			52.78		P	48.2

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.34		P	34.6
2	☐						
3	☐			31.11		P	40.6
4	☐			23.33		P	37.8
5	☐			30.00		P	40.1
6	☐			50.00		P	17.6
7	☐			33.33		P	17.3
8	☐			43.33		P	NaN
9	☐			44.44		P	11.5

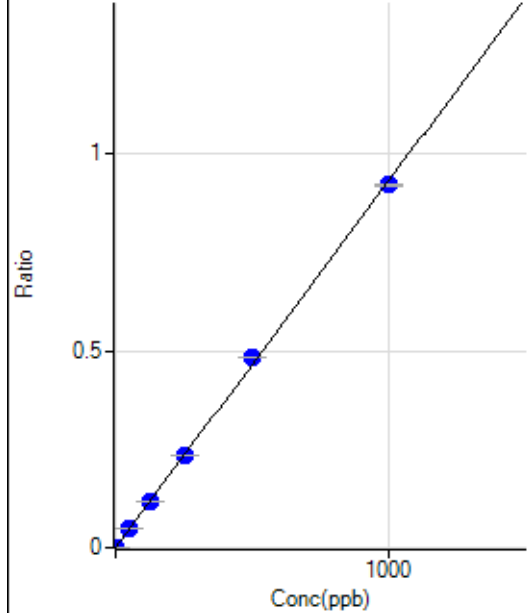
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	69.3
2	☐						
3	☐			30.56		P	41.7
4	☐			19.44		P	89.2
5	☐			22.22		P	78.1
6	☐			5.55		P	86.6
7	☐			19.45		P	24.7
8	☐			16.66		P	86.6
9	☐			30.56		P	63.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐						
3	☐			6.67		P	132.
4	☐			11.11		P	17.3
5	☐			8.89		P	57.3
6	☐			6.66		P	86.6
7	☐			10.00		P	88.2
8	☐			12.22		P	78.7
9	☐			12.22		P	31.5

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	63.89	0.0000	P	6.8
2	☐	0.100					
3	☐	1.000	0.948	2594.82	0.0009	P	6.0
4	☐	50.000	50.189	134126.75	0.0467	P	0.2
5	☐	125.000	125.155	336670.57	0.1165	P	1.7
6	☐	250.000	253.018	673119.70	0.2355	P	0.3
7	☐	500.000	518.659	1345843.55	0.4828	P	0.6
8	☐	1000.000	989.888	2532712.31	0.9214	P	0.8
9	☐			1291.79	0.0005	P	4.5

$$y = 9.3076E-004 * x + 2.3123E-005$$

$$R = 0.9997$$

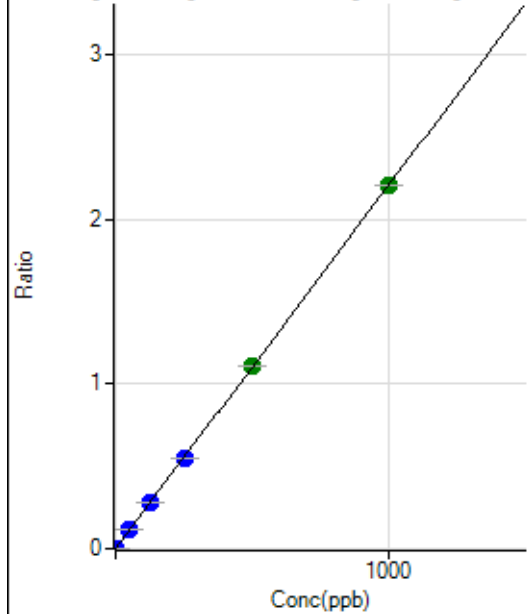
$$DL = 0.005069$$

$$BEC = 0.02484$$

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	166.68	0.0001	P	18.6
2	☐	0.100					
3	☐	1.000	0.908	5915.44	0.0021	P	7.4
4	☐	50.000	50.652	320543.04	0.1117	P	0.5
5	☐	125.000	125.523	799578.77	0.2767	P	0.9
6	☐	250.000	249.622	1572434.23	0.5502	P	0.8
7	☐	500.000	502.344	3086615.63	1.1072	A	0.6
8	☐	1000.000	998.825	6051508.47	2.2015	A	0.2
9	☐			2917.13	0.0011	P	9.5

$$y = 0.0022 * x + 6.0388E-005$$

$$R = 1.0000$$

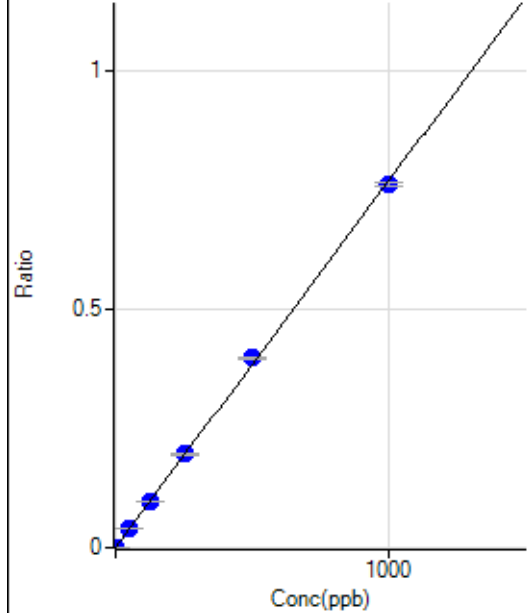
$$DL = 0.01531$$

$$BEC = 0.0274$$

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	296.31	0.0001	P	18.9
2	☐	0.100					
3	☐	1.000	0.925	2352.13	0.0008	P	5.1
4	☐	50.000	50.738	112339.42	0.0391	P	0.9
5	☐	125.000	125.905	280225.84	0.0970	P	0.8
6	☐	250.000	255.843	562832.62	0.1970	P	1.5
7	☐	500.000	517.269	1109772.77	0.3981	P	0.6
8	☐	1000.000	989.755	2093587.23	0.7616	P	1.1
9	☐			3193.07	0.0012	P	4.8

$$y = 7.6940\text{E-}004 * x + 1.0719\text{E-}004$$

$$R = 0.9998$$

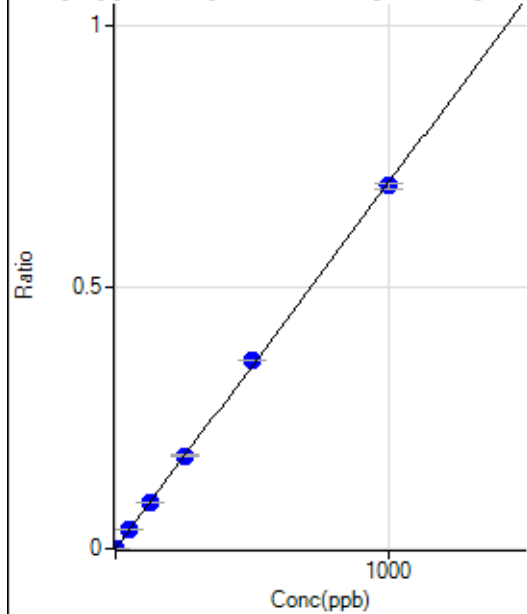
$$DL = 0.07911$$

$$BEC = 0.1393$$

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	272.23	0.0001	P	12.1
2	☐	0.100					
3	☐	1.000	0.952	2190.99	0.0008	P	3.4
4	☐	50.000	50.374	101374.89	0.0353	P	1.2
5	☐	125.000	125.271	253409.32	0.0877	P	0.8
6	☐	250.000	253.950	507734.46	0.1777	P	1.3
7	☐	500.000	514.253	1002734.82	0.3597	P	0.4
8	☐	1000.000	991.833	1906717.92	0.6936	P	1.3
9	☐			2748.51	0.0011	P	10.1

$$y = 6.9925\text{E-}004 * x + 9.8499\text{E-}005$$

$$R = 0.9998$$

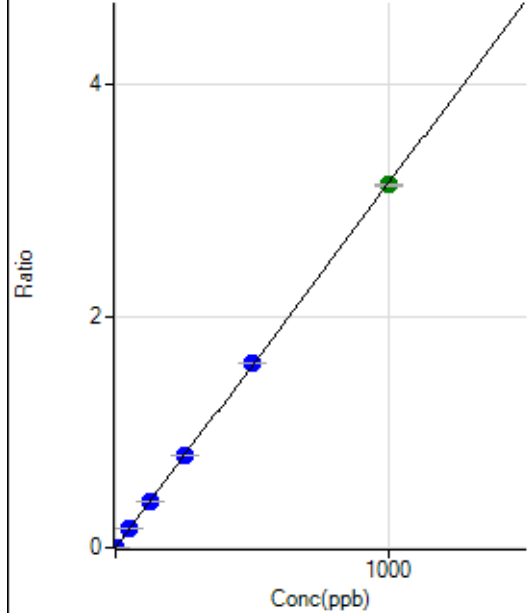
$$DL = 0.05109$$

$$BEC = 0.1409$$

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	1196.35	0.0004	P	5.8
2	☐	0.100					
3	☐	1.000	0.918	9531.24	0.0033	P	1.8
4	☐	50.000	50.485	457130.05	0.1593	P	0.6
5	☐	125.000	125.082	1138563.00	0.3940	P	0.6
6	☐	250.000	252.805	2274462.68	0.7959	P	1.0
7	☐	500.000	506.818	4446941.06	1.5952	P	0.4
8	☐	1000.000	995.855	8614825.51	3.1340	A	0.8
9	☐			12684.21	0.0049	P	4.5

$$y = 0.0031 * x + 4.3303E-004$$

$$R = 1.0000$$

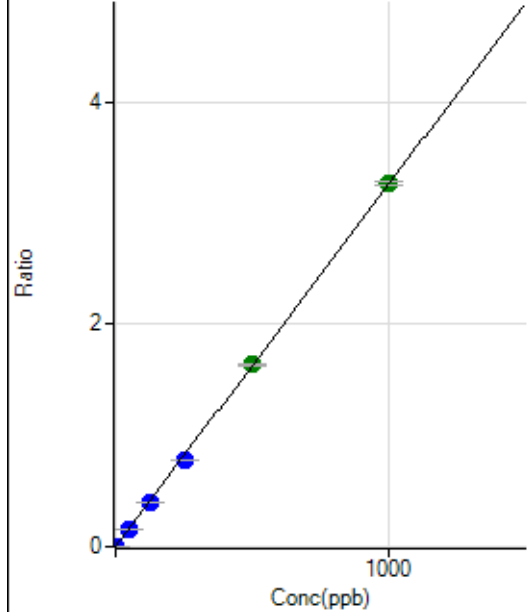
$$DL = 0.02407$$

$$BEC = 0.1376$$

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	61.11	0.0000	P	20.2
2	☐	0.100					
3	☐	1.000	0.868	8169.61	0.0028	P	3.9
4	☐	50.000	48.574	454031.46	0.1582	P	1.2
5	☐	125.000	119.955	1128971.91	0.3907	P	0.4
6	☐	250.000	239.843	2232216.70	0.7811	P	1.4
7	☐	500.000	502.748	4564458.57	1.6374	A	0.8
8	☐	1000.000	1001.867	8969183.79	3.2629	A	0.9
9	☐			577.82	0.0002	P	17.3

$$y = 0.0033 * x + 2.2106E-005$$

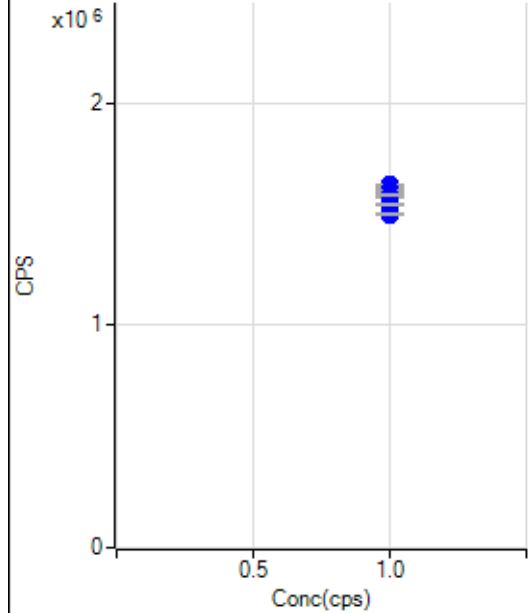
$$R = 0.9999$$

$$DL = 0.004117$$

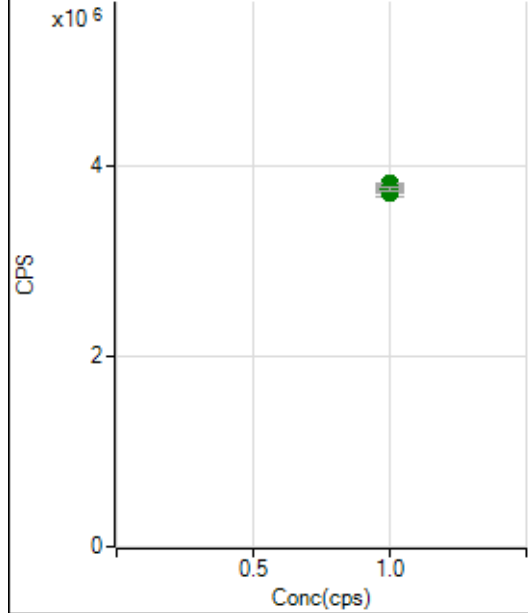
$$BEC = 0.006788$$

Weight: <None>

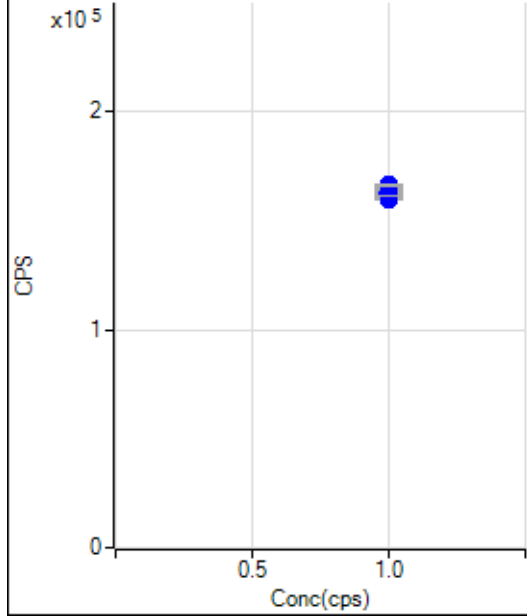
Min Conc: 0

6 Li (ISTD) [No Gas]

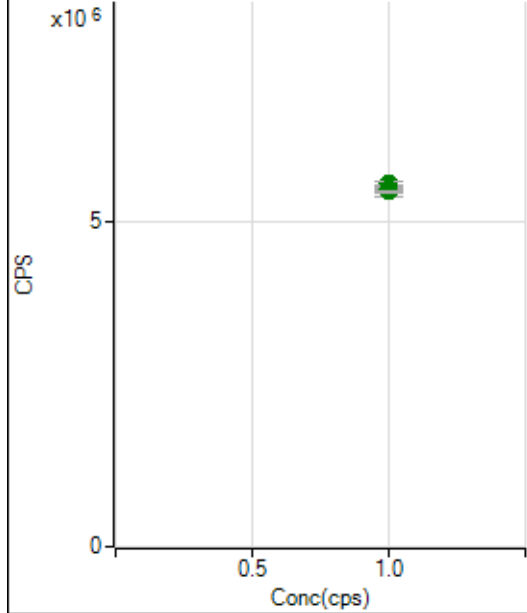
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1591500.77		P	0.5
2	☐	1.000					
3	☐	1.000		1588882.67		P	2.3
4	☐	1.000		1614537.91		P	0.4
5	☐	1.000		1630157.13		P	0.5
6	☐	1.000		1602889.68		P	0.2
7	☐	1.000		1585367.08		P	0.3
8	☐	1.000		1539290.81		P	0.6
9	☐	1.000		1498340.27		P	0.4

45 Sc (ISTD) [No Gas]

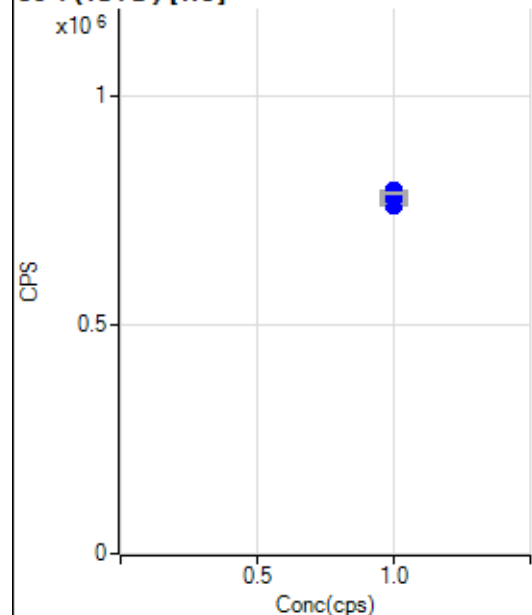
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3726093.88		A	0.3
2	☐	1.000					
3	☐	1.000		3722055.21		A	2.6
4	☐	1.000		3719793.18		A	0.2
5	☐	1.000		3804204.12		A	0.3
6	☐	1.000		3743970.18		A	1.2
7	☐	1.000		3727387.63		A	0.8
8	☐	1.000		3726225.60		A	0.7
9	☐	1.000		3743648.44		A	1.2

45 Sc (ISTD) [He]

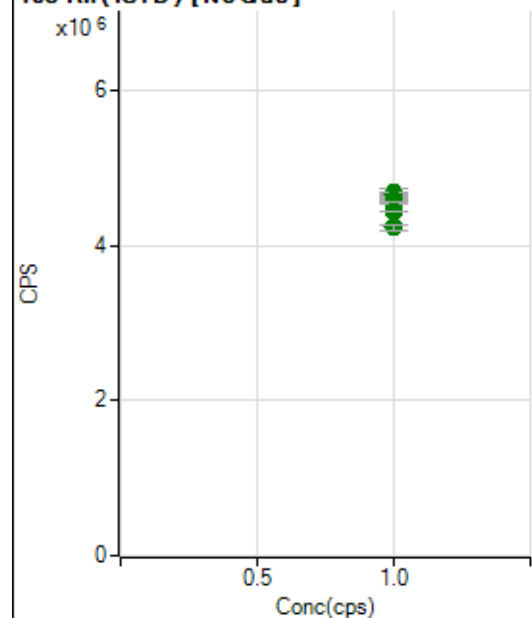
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		163467.17		P	1.2
2	☐	1.000					
3	☐	1.000		159778.25		P	0.0
4	☐	1.000		161085.11		P	0.9
5	☐	1.000		162261.98		P	0.9
6	☐	1.000		163639.97		P	0.3
7	☐	1.000		162692.11		P	1.6
8	☐	1.000		166359.96		P	0.5
9	☐	1.000		165976.79		P	0.6

89 Y (ISTD) [No Gas]

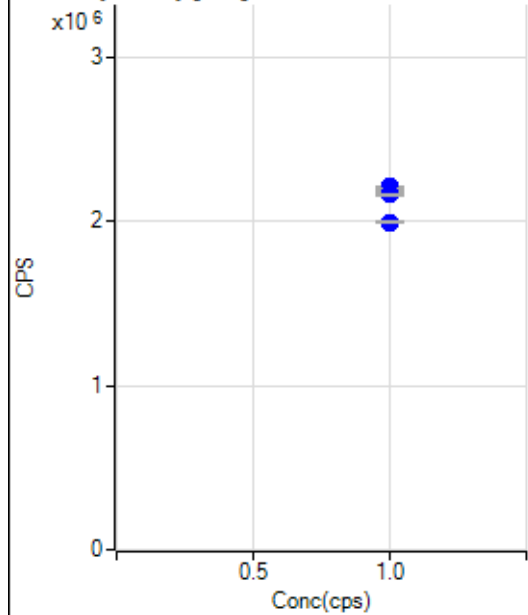
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5535401.79		A	0.2
2	☐	1.000					
3	☐	1.000		5465688.01		A	2.8
4	☐	1.000		5485654.57		A	1.3
5	☐	1.000		5554684.64		A	0.2
6	☐	1.000		5508917.56		A	0.2
7	☐	1.000		5578069.15		A	1.2
8	☐	1.000		5488963.74		A	1.0
9	☐	1.000		5456842.56		A	0.7

89 Y(ISTD) [He]

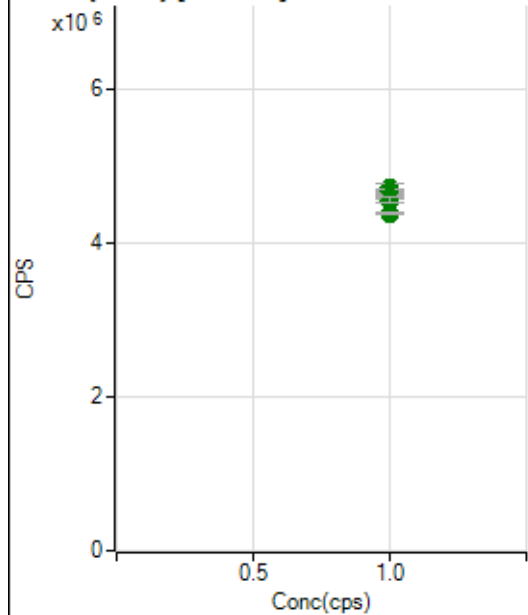
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		775372.99		P	1.1
2	☐	1.000					
3	☐	1.000		760749.66		P	0.6
4	☐	1.000		766691.59		P	0.6
5	☐	1.000		776965.98		P	0.6
6	☐	1.000		786330.76		P	0.3
7	☐	1.000		788157.21		P	0.6
8	☐	1.000		791526.18		P	0.2
9	☐	1.000		786139.02		P	0.7

103 Rh(ISTD) [No Gas]

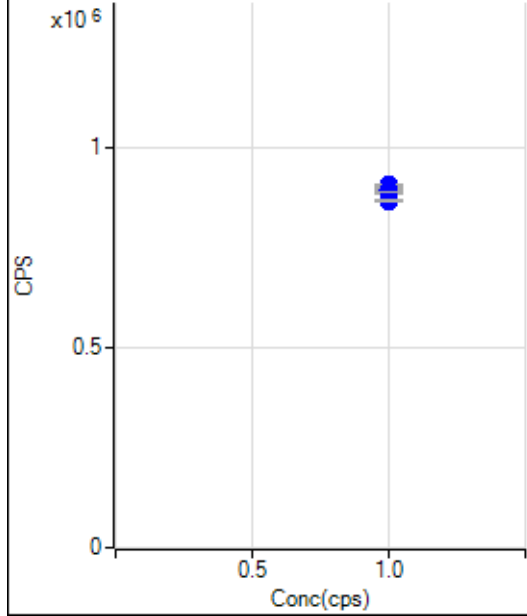
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4679023.33		A	0.5
2	☐	1.000					
3	☐	1.000		4681940.12		A	2.6
4	☐	1.000		4653493.90		A	1.0
5	☐	1.000		4670729.79		A	1.0
6	☐	1.000		4580764.12		A	0.8
7	☐	1.000		4561651.54		A	0.6
8	☐	1.000		4440204.00		A	0.1
9	☐	1.000		4236880.69		A	1.5

103 Rh (ISTD) [He]

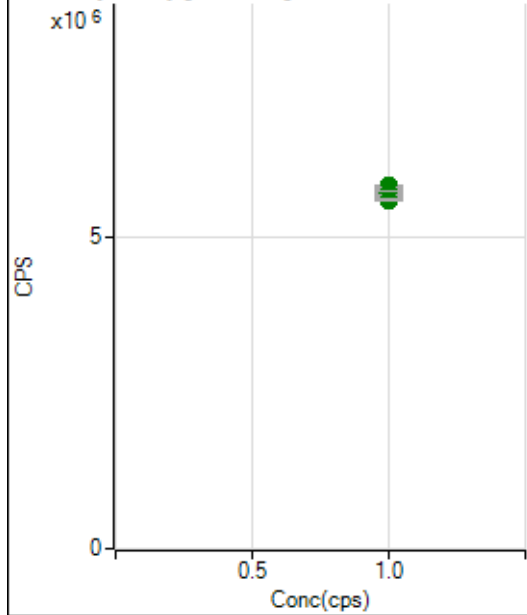
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2209110.09		P	0.8
2	☐	1.000					
3	☐	1.000		2173181.13		P	1.0
4	☐	1.000		2182012.38		P	0.8
5	☐	1.000		2195333.08		P	0.3
6	☐	1.000		2191855.84		P	0.6
7	☐	1.000		2171982.17		P	0.8
8	☐	1.000		2165610.31		P	0.5
9	☐	1.000		1991480.77		P	0.6

115 In (ISTD) [No Gas]

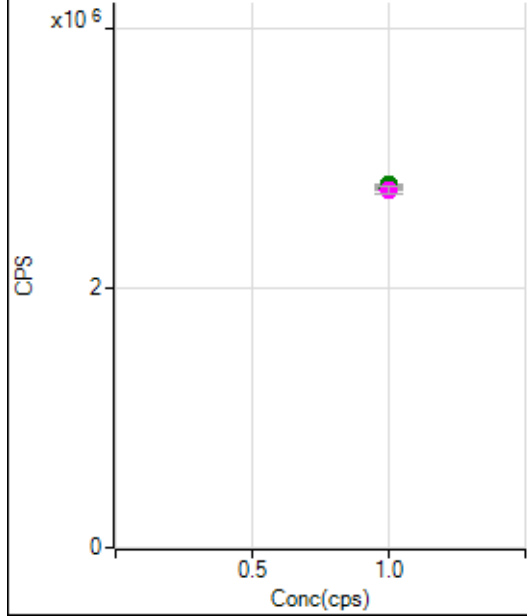
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4591596.13		A	0.2
2	☐	1.000					
3	☐	1.000		4720732.22		A	2.4
4	☐	1.000		4671968.13		A	0.5
5	☐	1.000		4679376.56		A	0.4
6	☐	1.000		4673929.39		A	0.8
7	☐	1.000		4616400.51		A	0.3
8	☐	1.000		4555781.72		A	1.7
9	☐	1.000		4389067.42		A	0.5

115 In (ISTD) [He]

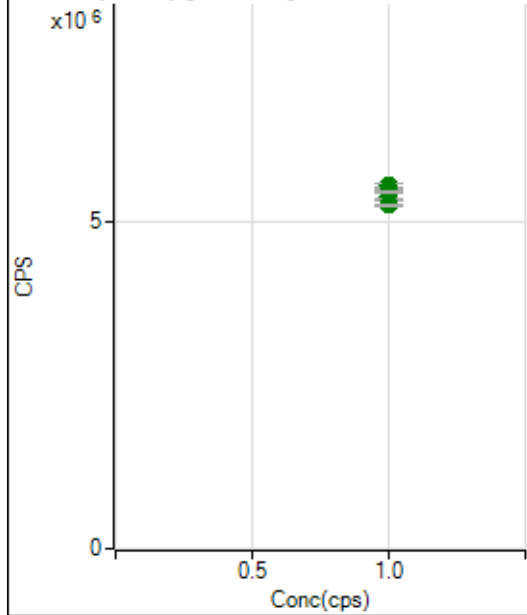
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		899173.45		P	0.8
2	☐	1.000					
3	☐	1.000		885496.14		P	0.5
4	☐	1.000		889198.53		P	1.0
5	☐	1.000		900211.45		P	0.1
6	☐	1.000		906274.22		P	0.5
7	☐	1.000		895072.68		P	1.2
8	☐	1.000		889626.70		P	0.1
9	☐	1.000		866442.79		P	0.7

159 Tb (ISTD) [No Gas]

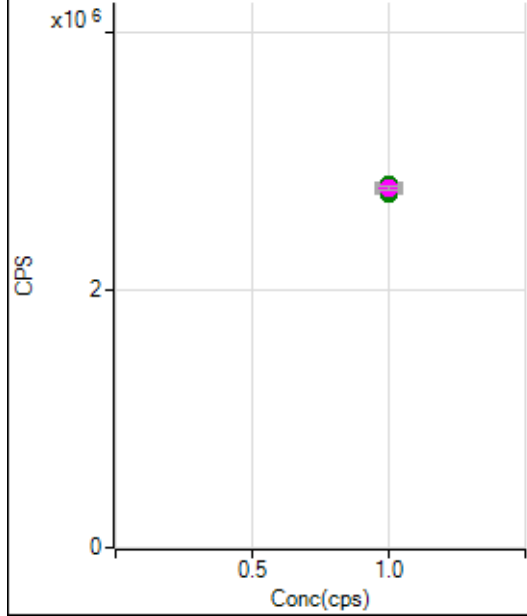
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5625225.19		A	0.8
2	☐	1.000					
3	☐	1.000		5714646.10		A	1.9
4	☐	1.000		5694615.75		A	0.6
5	☐	1.000		5826190.75		A	0.1
6	☐	1.000		5754279.71		A	0.5
7	☐	1.000		5794795.88		A	0.7
8	☐	1.000		5717036.23		A	1.5
9	☐	1.000		5595527.21		A	0.6

159 Tb (ISTD) [He]

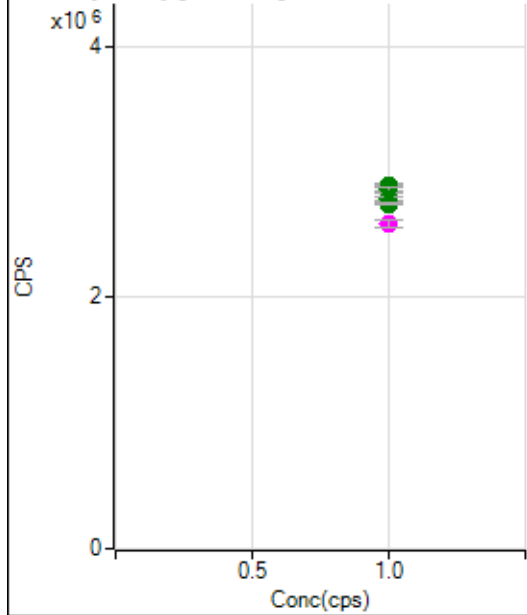
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2772796.69		A	0.4
2	☐	1.000					
3	☐	1.000		2775805.24		M	1.4
4	☐	1.000		2780775.03		M	1.3
5	☐	1.000		2775426.83		A	1.2
6	☐	1.000		2798177.88		A	0.3
7	☐	1.000		2795221.17		A	0.5
8	☐	1.000		2786439.40		A	0.3
9	☐	1.000		2754427.42		M	2.3

165 Ho (ISTD) [No Gas]

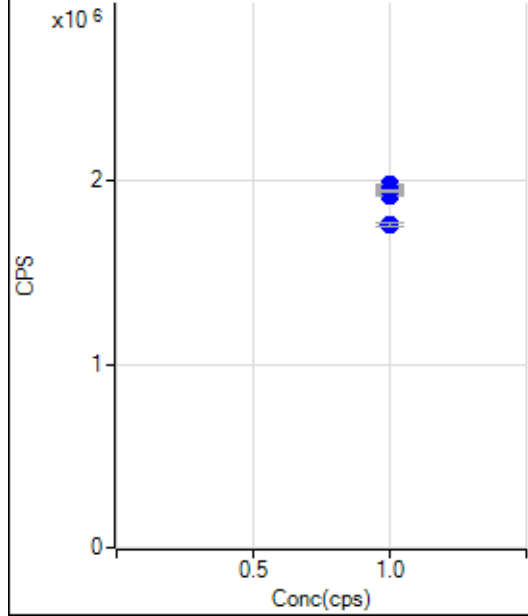
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5269197.99		A	1.7
2	☐	1.000					
3	☐	1.000		5391474.25		A	1.5
4	☐	1.000		5460050.60		A	0.6
5	☐	1.000		5547444.53		A	1.7
6	☐	1.000		5460048.78		A	0.7
7	☐	1.000		5508657.06		A	0.4
8	☐	1.000		5458993.22		A	0.5
9	☐	1.000		5258074.03		A	0.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2755956.84		A	0.5
2	☐	1.000					
3	☐	1.000		2748956.49		A	0.6
4	☐	1.000		2773584.82		A	0.1
5	☐	1.000		2812296.28		A	1.0
6	☐	1.000		2798961.87		A	0.5
7	☐	1.000		2812051.38		A	0.3
8	☐	1.000		2775992.49		A	0.3
9	☐	1.000		2786827.46		M	1.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2762240.13		A	0.8
2	☐	1.000					
3	☐	1.000		2869280.72		A	2.9
4	☐	1.000		2869839.54		A	1.0
5	☐	1.000		2889671.41		A	0.7
6	☐	1.000		2857986.35		A	1.4
7	☐	1.000		2787791.00		A	0.7
8	☐	1.000		2748852.87		A	0.2
9	☐	1.000		2586614.73		M	2.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1967177.32		P	0.5
2	☐	1.000					
3	☐	1.000		1924190.23		P	0.5
4	☐	1.000		1957610.82		P	1.2
5	☐	1.000		1970618.58		P	0.7
6	☐	1.000		1973961.34		P	1.0
7	☐	1.000		1978520.20		P	0.6
8	☐	1.000		1945589.73		P	0.7
9	☐	1.000		1761657.09		P	1.1

US EPA Tune Check Sample Report

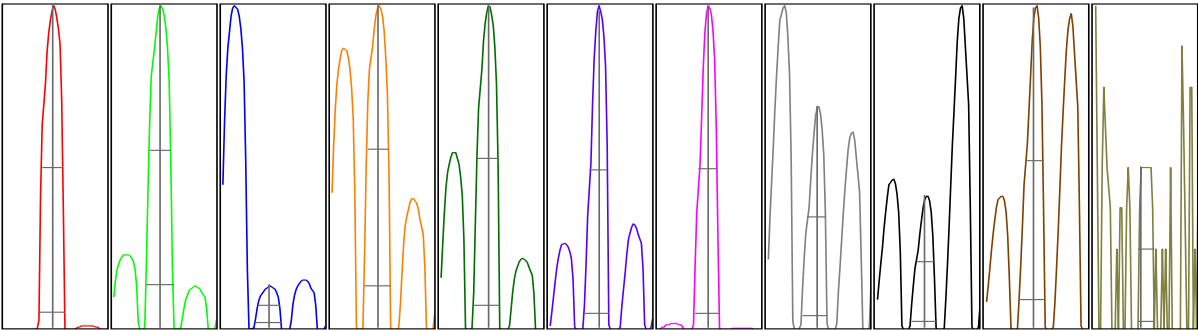
Batch Folder D:\ICP-MS Data\P7102817 MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	3893	1.00	5.00	
24	200859	1.45	5.00	
25	27085	1.49	5.00	
26	31040	1.28	5.00	
59	28359	1.32	5.00	
113	9984	0.65	5.00	
115	196731	1.35	5.00	
206	7053	1.62	5.00	
207	6299	1.49	5.00	
208	14801	2.10	5.00	
220	0	22.82		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	3933	3910	3880	3912	3832
24	199745	203211	196697	204018	200622
25	27034	27351	26700	27626	26716
26	30839	31339	30698	31584	30741
59	27992	28860	28111	28649	28186
113	9999	9994	10048	9874	10005
115	197527	196694	199692	192450	197293
206	7202	6938	7089	6937	7102
207	6374	6180	6356	6215	6370
208	14979	14393	14901	14574	15158
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	6719	8.95	8.9 - 9.1		0.740	0.900	
24	335931	23.90	23.9 - 24.1		0.780	0.900	
25	44836	24.90	24.9 - 25.1		0.751	0.900	
26	51597	25.90	25.9 - 26.1		0.757	0.900	
59	49361	58.95	58.9 - 59.1		0.760	0.900	
113	19593	113.00	112.9 - 113.1		0.714	0.900	
115	384119	115.00	114.9 - 115.1		0.732	0.900	
206	13878	206.00	205.9 - 206.1		0.734	0.900	
207	12247	206.95	206.9 - 207.1		0.731	0.900	
208	29571	207.95	207.9 - 208.1		0.739	0.900	
220	0	219.90	-		0.493		

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.7	V	Deflect	14.2	V
Extract 2	-145.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-70	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0 V
He Flow	0.0	mL/min	OctP RF	170	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	7306	0.71	
89	3950	1.38	
205	6943	1.09	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	7375	7332	7316	7251	7258
89	4015	3997	3938	3892	3906
205	7068	6932	6947	6889	6878

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	9.1	V	Deflect	2.4	V
Extract 2	-165.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-75	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 :	LB91221	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 15:34:47	DataFile Name :	003CALB_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.14	-0.07	-0.07	0.00	N/A	ppb
Antimony	121-1	-0.01	0.01	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	-0.03	0.04	0.00	N/A	ppb
Barium	135-1	-0.03	0.00	0.04	0.00	N/A	ppb
Barium	137-1	-0.02	0.04	-0.02	0.00	N/A	ppb
Beryllium	9-1	-0.02	0.01	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.30	0.03	-0.33	0.00	N/A	ppb
Boron	11-1	0.07	-0.14	0.07	0.00	N/A	ppb
Cadmium	111-1	-0.07	0.04	0.03	0.00	N/A	ppb
Cadmium	106-1	-0.95	0.58	0.37	0.00	N/A	ppb
Cadmium	108-1	0.02	0.02	-0.04	0.00	N/A	ppb
Calcium	43-1	0.16	-1.59	1.43	0.00	N/A	ppb
Calcium	44-1	-1.70	1.09	0.61	0.00	N/A	ppb
Chromium	52-2	0.09	-0.02	-0.06	0.00	N/A	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00	N/A	ppb
Copper	63-2	0.00	-0.06	0.05	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	-0.14	0.11	0.04	0.00	N/A	ppb
Iron	57-2	-0.58	1.27	-0.69	0.00	N/A	ppb
Lead	206-1	-0.01	0.03	-0.02	0.00	N/A	ppb
Lead	207-1	0.01	0.01	-0.02	0.00	N/A	ppb
Lead	208-1	0.00	0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.46	-0.41	-0.05	0.00	N/A	ppb
Manganese	55-2	0.01	0.03	-0.04	0.00	N/A	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 15:34:47	DataFile Name :	003CALB_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	-0.01	0.02	0.00	N/A	ppb
Molybdenum	96-1	-0.02	0.00	0.02	0.00	N/A	ppb
Molybdenum	97-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.02	0.00	0.00	N/A	ppb
Phosphorus	31-2	-8.16	5.46	-8.63	-3.77		ppb
Potassium	39-2	-10.19	3.30	6.89	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	0.55	0.70	-1.25	0.00	N/A	ppb
Selenium	82-1	-0.35	0.02	0.33	0.00	N/A	ppb
Silicon	28-1	-0.58	0.09	0.49	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	1.16	-0.69	-0.47	0.00	N/A	ppb
Strontium	86-1	0.02	-0.03	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-165.33	-15.48	71.49	-36.44		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	-0.01	0.00	0.00	N/A	ppb
Tin	118-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Titanium	47-1	0.03	-0.03	0.00	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	0.01	0.02	-0.03	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 15:34:47	DataFile Name :	003CALB_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	-0.04	0.00	N/A	ppb

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : S02 Instrumnet Name : P7
 Client Sample ID : S02 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 15:42:28 DataFile Name : 005CAL5_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.68	21.93	19.19	19.27	13.63	ppb
Antimony	121-1	1.78	1.61	1.81	1.73	6.22	ppb
Arsenic	75-2	0.92	0.91	0.97	0.94	3.53	ppb
Barium	135-1	8.83	9.09	9.35	9.09	2.86	ppb
Barium	137-1	8.98	9.02	9.37	9.12	2.32	ppb
Beryllium	9-1	0.83	1.04	1.08	0.98	13.32	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	10-1	18.77	18.42	22.77	19.99	12.10	ppb
Boron	11-1	20.15	20.24	21.63	20.67	4.01	ppb
Cadmium	111-1	0.78	0.96	0.86	0.87	10.75	ppb
Cadmium	106-1	-0.20	1.32	0.87	0.66	117.86	ppb
Cadmium	108-1	1.03	0.71	0.94	0.89	18.61	ppb
Calcium	43-1	429.47	436.79	437.51	434.59	1.02	ppb
Calcium	44-1	444.57	439.82	473.36	452.58	4.01	ppb
Chromium	52-2	2.09	2.16	2.10	2.12	1.70	ppb
Cobalt	59-2	1.01	1.04	0.94	1.00	5.15	ppb
Copper	63-2	2.29	2.38	2.12	2.26	5.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	52.24	53.69	52.33	52.75	1.55	ppb
Iron	57-2	51.11	42.78	52.77	48.89	10.95	ppb
Lead	206-1	0.99	0.91	0.88	0.93	5.90	ppb
Lead	207-1	0.91	0.98	0.97	0.95	3.91	ppb
Lead	208-1	0.90	0.94	0.92	0.92	2.12	ppb
Lithium	6-1				100		%
Magnesium	24-2	462.28	477.31	463.99	467.86	1.76	ppb
Manganese	55-2	1.07	1.03	1.01	1.04	2.73	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 15:42:28	DataFile Name :	005CAL5_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.95	1.89	2.12	1.99	6.07	ppb
Molybdenum	95-1	4.18	4.63	4.81	4.54	7.16	ppb
Molybdenum	96-1	3.91	4.01	4.20	4.04	3.60	ppb
Molybdenum	97-1	4.43	4.76	4.43	4.54	4.23	ppb
Molybdenum	98-1	4.30	4.51	4.62	4.48	3.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.24	1.06	1.13	8.30	ppb
Phosphorus	31-2	6.09	13.11	-7.88	3.77	283.23	ppb
Potassium	39-2	448.63	460.76	454.76	454.72	1.33	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	2.33	5.82	2.30	3.48	58.09	ppb
Selenium	78-2	4.33	8.08	4.44	5.62	37.93	ppb
Selenium	82-1	4.18	4.73	5.30	4.74	11.90	ppb
Silicon	28-1	11.83	10.16	15.41	12.46	21.51	ppb
Silver	109-1	0.96	0.99	0.97	0.97	2.01	ppb
Silver	107-1	0.97	0.89	0.95	0.94	4.42	ppb
Sodium	23-2	484.85	485.22	492.05	487.37	0.83	ppb
Strontium	86-1	0.96	0.95	1.18	1.03	12.48	ppb
Strontium	88-1	0.89	0.94	0.96	0.93	3.78	ppb
Sulfur	34-1	11.76	-258.07	355.63	36.44	844.13	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.89	0.96	1.00	0.95	6.14	ppb
Thallium	205-1	0.95	0.83	0.95	0.91	7.65	ppb
Tin	118-1	4.68	4.47	4.52	4.56	2.44	ppb
Titanium	47-1	4.24	4.14	4.28	4.22	1.77	ppb
Uranium	238-1	0.83	0.88	0.90	0.87	3.90	ppb
Vanadium	51-2	4.34	4.73	4.43	4.50	4.58	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	2.01	2.10	1.60	1.90	13.82	ppb
Zirconium	90-1	0.84	0.76	0.87	0.82	7.25	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 15:42:28	DataFile Name :	005CALS_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.88	0.92	0.86	0.89	3.20	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 15:46:13	DataFile Name :	006CAL5_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1041.48	1031.71	1028.28	1033.82	0.66	ppb
Antimony	121-1	49.67	50.41	50.30	50.13	0.79	ppb
Arsenic	75-2	50.13	51.72	51.48	51.11	1.68	ppb
Barium	135-1	249.22	252.01	248.30	249.84	0.77	ppb
Barium	137-1	259.69	256.73	254.20	256.87	1.07	ppb
Beryllium	9-1	51.02	50.62	51.74	51.12	1.10	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	47.29	47.44	48.56	47.77	1.45	ppb
Boron	11-1	46.20	48.38	48.70	47.76	2.85	ppb
Cadmium	111-1	52.72	52.90	51.37	52.33	1.60	ppb
Cadmium	106-1	51.29	49.06	47.07	49.14	4.29	ppb
Cadmium	108-1	51.78	49.63	49.80	50.40	2.37	ppb
Calcium	43-1	5114.82	5207.74	5121.96	5148.17	1.00	ppb
Calcium	44-1	5165.49	5137.89	5108.30	5137.23	0.56	ppb
Chromium	52-2	52.36	52.70	52.08	52.38	0.59	ppb
Cobalt	59-2	53.08	53.25	53.44	53.26	0.33	ppb
Copper	63-2	108.79	109.94	110.60	109.77	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				104		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	2763.59	2792.65	2759.95	2772.06	0.65	ppb
Iron	57-2	2661.22	2692.23	2721.82	2691.76	1.13	ppb
Lead	206-1	50.32	51.24	50.66	50.74	0.92	ppb
Lead	207-1	50.23	51.04	49.85	50.37	1.20	ppb
Lead	208-1	50.21	50.84	50.41	50.49	0.63	ppb
Lithium	6-1				101		%
Magnesium	24-2	5352.52	5294.26	5294.36	5313.72	0.63	ppb
Manganese	55-2	104.53	105.95	104.41	104.96	0.82	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 15:46:13	DataFile Name :	006CAL5_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	49.43	48.77	49.92	49.37	1.17	ppb
Molybdenum	95-1	49.30	50.26	50.71	50.09	1.43	ppb
Molybdenum	96-1	50.29	50.61	51.10	50.67	0.80	ppb
Molybdenum	97-1	49.07	49.46	50.55	49.69	1.54	ppb
Molybdenum	98-1	50.10	49.59	50.24	49.97	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.81	53.30	53.03	53.05	0.46	ppb
Phosphorus	31-2	981.48	1015.27	939.05	978.60	3.90	ppb
Potassium	39-2	2586.25	2569.88	2577.71	2577.95	0.32	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	46.33	57.42	44.66	49.47	14.02	ppb
Selenium	78-2	52.12	50.10	52.85	51.69	2.76	ppb
Selenium	82-1	51.15	51.76	52.62	51.84	1.43	ppb
Silicon	28-1	50.13	50.89	51.24	50.75	1.12	ppb
Silver	109-1	52.25	53.19	51.96	52.47	1.23	ppb
Silver	107-1	53.09	52.42	52.29	52.60	0.82	ppb
Sodium	23-2	5417.75	5322.30	5364.55	5368.20	0.89	ppb
Strontium	86-1	49.96	50.29	50.29	50.18	0.39	ppb
Strontium	88-1	50.03	51.00	51.05	50.69	1.13	ppb
Sulfur	34-1	1137.38	1027.49	930.64	1031.84	10.02	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	50.06	50.29	50.21	50.19	0.23	ppb
Thallium	205-1	50.41	50.63	50.92	50.65	0.51	ppb
Tin	118-1	51.91	52.84	50.87	51.87	1.90	ppb
Titanium	47-1	49.34	48.89	50.11	49.45	1.24	ppb
Uranium	238-1	48.63	47.97	49.12	48.57	1.19	ppb
Vanadium	51-2	50.73	52.07	50.91	51.24	1.42	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	107.21	103.40	106.30	105.63	1.89	ppb
Zirconium	90-1	48.94	49.61	49.40	49.32	0.70	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 15:46:13	DataFile Name :	006CALS_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.63	50.20	50.48	50.10	0.86	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 15:50:00	DataFile Name :	007CAL5_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2458.50	2517.88	2589.13	2521.83	2.59	ppb
Antimony	121-1	121.55	122.96	122.54	122.35	0.59	ppb
Arsenic	75-2	120.88	123.97	125.84	123.57	2.03	ppb
Barium	135-1	603.59	618.52	613.30	611.81	1.24	ppb
Barium	137-1	622.74	623.17	625.14	623.68	0.21	ppb
Beryllium	9-1	126.30	126.93	126.77	126.67	0.26	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	117.58	120.27	120.73	119.53	1.42	ppb
Boron	11-1	118.18	119.14	120.34	119.22	0.91	ppb
Cadmium	111-1	126.69	125.74	125.63	126.02	0.46	ppb
Cadmium	106-1	132.09	125.47	123.28	126.95	3.61	ppb
Cadmium	108-1	126.92	122.93	124.56	124.81	1.61	ppb
Calcium	43-1	12428.03	12399.14	12327.91	12385.02	0.42	ppb
Calcium	44-1	12324.68	12224.13	12239.66	12262.83	0.44	ppb
Chromium	52-2	126.71	128.54	132.35	129.20	2.23	ppb
Cobalt	59-2	128.44	132.09	133.88	131.47	2.11	ppb
Copper	63-2	263.40	268.35	272.20	267.98	1.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	6611.41	6588.27	6665.01	6621.56	0.59	ppb
Iron	57-2	6440.29	6669.00	6765.27	6624.86	2.52	ppb
Lead	206-1	124.76	126.17	126.79	125.90	0.83	ppb
Lead	207-1	124.38	126.27	125.16	125.27	0.76	ppb
Lead	208-1	124.31	125.86	125.08	125.08	0.62	ppb
Lithium	6-1				102		%
Magnesium	24-2	12635.46	12836.40	13216.39	12896.08	2.29	ppb
Manganese	55-2	253.70	257.81	259.67	257.06	1.19	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 15:50:00	DataFile Name :	007CAL5_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	122.56	125.70	123.18	123.82	1.34	ppb
Molybdenum	95-1	122.99	126.57	124.87	124.81	1.44	ppb
Molybdenum	96-1	127.18	125.27	127.69	126.71	1.00	ppb
Molybdenum	97-1	122.93	122.07	126.21	123.73	1.76	ppb
Molybdenum	98-1	125.08	123.20	124.42	124.23	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.45	131.86	131.12	130.14	1.81	ppb
Phosphorus	31-2	2521.31	2620.75	2561.31	2567.79	1.95	ppb
Potassium	39-2	6164.25	6312.61	6434.31	6303.72	2.15	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	130.25	114.20	115.43	119.96	7.45	ppb
Selenium	78-2	124.30	123.51	144.41	130.74	9.06	ppb
Selenium	82-1	127.28	127.02	126.28	126.86	0.41	ppb
Silicon	28-1	124.86	124.37	123.89	124.38	0.39	ppb
Silver	109-1	127.96	126.23	127.15	127.11	0.68	ppb
Silver	107-1	127.68	126.52	128.04	127.41	0.62	ppb
Sodium	23-2	12942.96	13097.02	13356.93	13132.31	1.59	ppb
Strontium	86-1	124.05	122.96	121.45	122.82	1.06	ppb
Strontium	88-1	123.17	123.19	121.60	122.65	0.74	ppb
Sulfur	34-1	2163.79	1857.17	1980.67	2000.54	7.71	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	122.78	126.65	126.03	125.15	1.66	ppb
Thallium	205-1	124.27	125.73	126.57	125.52	0.92	ppb
Tin	118-1	126.66	126.99	126.47	126.71	0.20	ppb
Titanium	47-1	121.22	123.56	122.60	122.46	0.96	ppb
Uranium	238-1	119.69	120.47	119.70	119.96	0.37	ppb
Vanadium	51-2	125.50	125.52	128.36	126.46	1.30	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	255.90	259.41	261.46	258.92	1.09	ppb
Zirconium	90-1	123.25	121.92	122.79	122.65	0.55	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 15:50:00	DataFile Name :	007CALS_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	123.48	125.84	124.34	124.56	0.96	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 15:53:44	DataFile Name :	008CAL5_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4997.82	5018.68	4950.17	4988.89	0.70	ppb
Antimony	121-1	249.75	247.77	252.27	249.93	0.90	ppb
Arsenic	75-2	248.36	245.83	247.26	247.15	0.51	ppb
Barium	135-1	1237.67	1233.31	1262.86	1244.61	1.28	ppb
Barium	137-1	1264.78	1241.77	1270.40	1258.98	1.21	ppb
Beryllium	9-1	254.49	254.79	255.52	254.93	0.21	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	236.49	239.21	241.38	239.03	1.02	ppb
Boron	11-1	241.23	243.23	242.78	242.41	0.43	ppb
Cadmium	111-1	259.23	253.03	260.00	257.42	1.48	ppb
Cadmium	106-1	259.29	251.14	257.45	255.96	1.67	ppb
Cadmium	108-1	251.56	255.32	257.19	254.69	1.13	ppb
Calcium	43-1	25221.45	24750.91	25725.46	25232.61	1.93	ppb
Calcium	44-1	24955.40	24958.56	25197.66	25037.21	0.56	ppb
Chromium	52-2	257.44	255.91	258.13	257.16	0.44	ppb
Cobalt	59-2	259.78	258.25	260.45	259.49	0.43	ppb
Copper	63-2	527.04	530.75	531.21	529.66	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				104		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	13141.99	13304.72	13381.84	13276.18	0.92	ppb
Iron	57-2	13162.39	13397.80	13338.74	13299.64	0.92	ppb
Lead	206-1	253.17	260.21	254.15	255.84	1.49	ppb
Lead	207-1	255.17	256.35	250.33	253.95	1.26	ppb
Lead	208-1	252.64	255.52	250.25	252.80	1.04	ppb
Lithium	6-1				101		%
Magnesium	24-2	25256.83	25069.79	25185.23	25170.62	0.37	ppb
Manganese	55-2	513.92	515.57	519.32	516.27	0.54	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 15:53:44	DataFile Name :	008CAL5_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	248.19	248.53	251.29	249.34	0.68	ppb
Molybdenum	95-1	253.31	252.52	256.13	253.99	0.75	ppb
Molybdenum	96-1	253.95	256.82	255.43	255.40	0.56	ppb
Molybdenum	97-1	250.22	253.21	251.10	251.51	0.61	ppb
Molybdenum	98-1	251.11	252.94	250.02	251.36	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	258.12	259.05	258.42	258.53	0.18	ppb
Phosphorus	31-2	4926.94	4982.22	4944.08	4951.08	0.57	ppb
Potassium	39-2	12526.57	12603.70	12493.43	12541.24	0.45	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	229.72	285.39	256.58	257.23	10.82	ppb
Selenium	78-2	252.18	251.57	256.60	253.45	1.08	ppb
Selenium	82-1	253.18	254.45	259.09	255.57	1.22	ppb
Silicon	28-1	258.96	249.64	259.79	256.13	2.20	ppb
Silver	109-1	255.99	256.40	255.00	255.80	0.28	ppb
Silver	107-1	257.40	255.43	256.95	256.59	0.40	ppb
Sodium	23-2	26017.32	25465.82	25767.86	25750.33	1.07	ppb
Strontium	86-1	255.99	251.79	254.14	253.97	0.83	ppb
Strontium	88-1	247.50	246.51	249.15	247.72	0.54	ppb
Sulfur	34-1	4856.91	4356.88	4839.51	4684.43	6.06	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	253.75	252.55	252.75	253.02	0.25	ppb
Thallium	205-1	248.73	252.04	248.10	249.62	0.85	ppb
Tin	118-1	257.03	254.12	259.68	256.95	1.08	ppb
Titanium	47-1	249.66	250.34	251.56	250.52	0.38	ppb
Uranium	238-1	241.34	242.13	236.07	239.84	1.37	ppb
Vanadium	51-2	251.74	252.20	250.19	251.38	0.42	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	514.57	517.16	518.93	516.89	0.42	ppb
Zirconium	90-1	244.21	248.51	247.60	246.78	0.92	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 15:53:44	DataFile Name :	008CALS_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	253.13	257.08	255.40	255.20	0.78	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 15:57:24	DataFile Name :	009CAL5_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10051.54	9913.97	9813.73	9926.41	1.20	ppb
Antimony	121-1	488.59	497.15	491.35	492.37	0.89	ppb
Arsenic	75-2	502.64	499.06	500.42	500.71	0.36	ppb
Barium	135-1	2448.77	2494.60	2479.26	2474.21	0.94	ppb
Barium	137-1	2431.76	2543.31	2511.81	2495.63	2.30	ppb
Beryllium	9-1	507.70	504.79	502.83	505.11	0.49	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	495.44	491.07	508.16	498.23	1.78	ppb
Boron	11-1	489.69	492.95	496.17	492.94	0.66	ppb
Cadmium	111-1	511.72	514.05	510.66	512.14	0.34	ppb
Cadmium	106-1	496.08	512.00	506.32	504.80	1.60	ppb
Cadmium	108-1	495.97	511.58	500.40	502.65	1.60	ppb
Calcium	43-1	50259.05	51107.86	51273.41	50880.11	1.07	ppb
Calcium	44-1	49507.52	50682.81	50254.93	50148.42	1.19	ppb
Chromium	52-2	518.98	508.81	509.30	512.36	1.12	ppb
Cobalt	59-2	522.77	514.55	512.56	516.63	1.05	ppb
Copper	63-2	1048.89	1033.69	1039.57	1040.71	0.74	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				102		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	26660.15	26247.62	25858.82	26255.53	1.53	ppb
Iron	57-2	26562.96	26109.94	26287.99	26320.30	0.87	ppb
Lead	206-1	519.97	513.81	518.03	517.27	0.61	ppb
Lead	207-1	515.76	512.17	514.83	514.25	0.36	ppb
Lead	208-1	508.38	504.49	507.59	506.82	0.41	ppb
Lithium	6-1				100		%
Magnesium	24-2	50962.79	50112.21	50007.80	50360.93	1.04	ppb
Manganese	55-2	1036.19	1029.77	1025.80	1030.59	0.51	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 15:57:24	DataFile Name :	009CAL5_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	494.28	495.12	485.44	491.61	1.09	ppb
Molybdenum	95-1	507.84	513.52	502.46	507.94	1.09	ppb
Molybdenum	96-1	505.08	505.73	498.70	503.17	0.77	ppb
Molybdenum	97-1	502.20	501.27	494.28	499.25	0.87	ppb
Molybdenum	98-1	494.10	498.05	493.67	495.27	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.41	512.33	512.30	515.01	0.91	ppb
Phosphorus	31-2	10184.96	10142.41	10153.97	10160.45	0.22	ppb
Potassium	39-2	25167.16	24822.28	24758.83	24916.09	0.88	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	492.16	535.05	525.06	517.42	4.34	ppb
Selenium	78-2	499.62	518.91	500.24	506.26	2.17	ppb
Selenium	82-1	504.83	510.82	497.49	504.38	1.32	ppb
Silicon	28-1	512.05	520.36	513.45	515.28	0.86	ppb
Silver	109-1	500.11	502.75	498.04	500.30	0.47	ppb
Silver	107-1	495.41	502.61	496.89	498.30	0.76	ppb
Sodium	23-2	51810.06	50954.90	50864.66	51209.87	1.02	ppb
Strontium	86-1	494.63	500.75	493.47	496.28	0.79	ppb
Strontium	88-1	496.83	498.04	486.72	493.86	1.26	ppb
Sulfur	34-1	10027.07	10392.01	10080.34	10166.47	1.94	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	520.59	515.23	520.16	518.66	0.57	ppb
Thallium	205-1	506.00	500.39	500.64	502.34	0.63	ppb
Tin	118-1	511.55	513.58	506.29	510.47	0.74	ppb
Titanium	47-1	497.12	511.61	507.98	505.57	1.49	ppb
Uranium	238-1	507.40	499.57	501.27	502.75	0.82	ppb
Vanadium	51-2	511.13	503.81	500.69	505.21	1.06	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	1052.45	1017.42	1021.31	1030.39	1.86	ppb
Zirconium	90-1	495.11	494.01	492.62	493.91	0.25	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 15:57:24	DataFile Name :	009CALS_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	497.85	501.07	495.65	498.19	0.55	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 16:01:01	DataFile Name :	010CAL5_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19334.97	19767.69	19533.79	19545.49	1.11	ppb
Antimony	121-1	1013.87	999.15	999.46	1004.16	0.84	ppb
Arsenic	75-2	999.88	998.11	1003.46	1000.48	0.27	ppb
Barium	135-1	5070.17	5003.41	4974.12	5015.90	0.98	ppb
Barium	137-1	4997.37	5056.91	4945.01	4999.76	1.12	ppb
Beryllium	9-1	1002.52	993.07	992.26	995.95	0.57	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	1000.38	1001.24	1012.03	1004.55	0.65	ppb
Boron	11-1	997.31	1010.70	1011.11	1006.37	0.78	ppb
Cadmium	111-1	1003.36	987.79	984.34	991.83	1.02	ppb
Cadmium	106-1	1006.73	987.70	993.30	995.91	0.98	ppb
Cadmium	108-1	1007.59	990.79	994.13	997.51	0.89	ppb
Calcium	43-1	99750.36	100432.40	99443.76	99875.51	0.51	ppb
Calcium	44-1	100831.36	100585.14	100400.96	100605.82	0.21	ppb
Chromium	52-2	982.89	1002.22	989.05	991.39	1.00	ppb
Cobalt	59-2	979.64	996.53	988.87	988.34	0.86	ppb
Copper	63-2	1954.28	1978.23	1975.96	1969.49	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	50876.14	51669.87	51180.77	51242.26	0.78	ppb
Iron	57-2	50350.30	51371.05	51129.16	50950.17	1.05	ppb
Lead	206-1	978.68	990.84	999.75	989.75	1.07	ppb
Lead	207-1	981.36	987.76	1006.38	991.83	1.31	ppb
Lead	208-1	987.22	998.24	1002.11	995.86	0.78	ppb
Lithium	6-1				97		%
Magnesium	24-2	98246.17	97579.76	97500.77	97775.57	0.42	ppb
Manganese	55-2	1959.98	1990.54	1988.00	1979.51	0.86	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 16:01:01	DataFile Name :	010CAL5_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1019.32	992.90	1001.44	1004.55	1.34	ppb
Molybdenum	95-1	1000.45	981.49	1003.22	995.05	1.19	ppb
Molybdenum	96-1	1006.24	979.64	1004.57	996.82	1.49	ppb
Molybdenum	97-1	999.93	1001.51	999.08	1000.17	0.12	ppb
Molybdenum	98-1	1013.88	991.47	1001.02	1002.13	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	981.34	996.32	991.03	989.56	0.77	ppb
Phosphorus	31-2	19481.99	20023.05	20268.77	19924.60	2.02	ppb
Potassium	39-2	48877.94	49594.69	48676.82	49049.82	0.98	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	77-2	988.54	965.78	1016.11	990.14	2.55	ppb
Selenium	78-2	978.20	987.38	1020.03	995.20	2.21	ppb
Selenium	82-1	1005.42	984.47	998.39	996.09	1.07	ppb
Silicon	28-1	987.52	993.34	991.66	990.84	0.30	ppb
Silver	109-1	1014.24	990.83	988.98	998.01	1.41	ppb
Silver	107-1	1012.79	991.10	992.42	998.77	1.22	ppb
Sodium	23-2	99045.84	99442.45	98425.45	98971.25	0.52	ppb
Strontium	86-1	1005.00	990.91	1007.48	1001.13	0.89	ppb
Strontium	88-1	1010.80	996.58	1004.32	1003.90	0.71	ppb
Sulfur	34-1	20103.26	20216.32	19849.90	20056.50	0.94	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	984.87	986.22	998.58	989.89	0.76	ppb
Thallium	205-1	997.38	1000.42	998.68	998.82	0.15	ppb
Tin	118-1	993.87	991.43	992.86	992.72	0.12	ppb
Titanium	47-1	994.75	1000.37	997.19	997.43	0.28	ppb
Uranium	238-1	993.94	999.58	1012.08	1001.87	0.93	ppb
Vanadium	51-2	989.35	1001.80	999.27	996.81	0.66	ppb
Yttrium	89-1				99		%
Yttrium	89-2				102		%
Zinc	66-2	1963.46	1994.83	1979.26	1979.18	0.79	ppb
Zirconium	90-1	1012.10	995.39	1005.04	1004.18	0.84	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 16:01:01	DataFile Name :	010CALS_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1013.41	988.63	996.93	999.65	1.26	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 16:04:32	DataFile Name :	011CALS_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98668.06	100914.23	100711.51	100097.93	1.24	ppb
Antimony	121-1	2.62	2.58	2.56	2.58	1.18	ppb
Arsenic	75-2	0.40	0.37	0.46	0.41	11.25	ppb
Barium	135-1	1.30	1.30	1.53	1.38	9.71	ppb
Barium	137-1	1.73	1.52	1.40	1.55	10.76	ppb
Beryllium	9-1	0.55	0.48	0.42	0.48	13.40	ppb
Bismuth	209-1				94		%
Bismuth	209-2				90		%
Boron	10-1	46.24	38.18	35.22	39.88	14.31	ppb
Boron	11-1	41.61	39.20	35.57	38.79	7.85	ppb
Cadmium	111-1	0.06	0.19	0.05	0.10	74.63	ppb
Cadmium	106-1	-0.66	0.98	-0.41	-0.03		ppb
Cadmium	108-1	0.02	-0.04	0.55	0.18	184.48	ppb
Calcium	43-1	491872.48	500052.50	507855.16	499926.72	1.60	ppb
Calcium	44-1	490705.36	499244.47	509650.38	499866.74	1.90	ppb
Chromium	52-2	12.88	12.69	13.08	12.88	1.51	ppb
Cobalt	59-2	1.17	1.21	1.23	1.20	2.57	ppb
Copper	63-2	2.78	2.77	2.65	2.74	2.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	247822.42	249820.12	251082.99	249575.18	0.66	ppb
Iron	57-2	249652.30	249781.31	249446.39	249626.67	0.07	ppb
Lead	206-1	1.40	1.55	1.44	1.47	5.25	ppb
Lead	207-1	1.21	1.51	1.42	1.38	11.11	ppb
Lead	208-1	1.35	1.49	1.42	1.42	4.93	ppb
Lithium	6-1				94		%
Magnesium	24-2	492322.90	504563.46	504275.40	500387.25	1.40	ppb
Manganese	55-2	5.86	6.10	6.19	6.05	2.77	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 16:04:32	DataFile Name :	011CAL5_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.85	1.02	0.88	0.92	10.17	ppb
Molybdenum	95-1	2.56	2.72	2.55	2.61	3.61	ppb
Molybdenum	96-1	2.82	2.77	2.90	2.83	2.21	ppb
Molybdenum	97-1	2.71	2.55	2.59	2.61	3.13	ppb
Molybdenum	98-1	2.63	2.51	2.54	2.56	2.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.97	10.00	10.38	10.12	2.29	ppb
Phosphorus	31-2	31.51	-1.75	8.02	12.60	135.73	ppb
Potassium	39-2	248922.91	248794.65	252865.44	250194.33	0.92	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	77-2	0.00	0.00	3.34	1.11	173.21	ppb
Selenium	78-2	0.47	2.00	0.05	0.84	122.14	ppb
Selenium	82-1	0.65	0.61	1.26	0.84	43.41	ppb
Silicon	28-1	74.63	79.62	83.34	79.20	5.52	ppb
Silver	109-1	0.08	0.13	0.09	0.10	27.64	ppb
Silver	107-1	0.08	0.11	0.07	0.09	23.73	ppb
Sodium	23-2	492071.07	504905.33	503106.91	500027.77	1.39	ppb
Strontium	86-1	35.29	35.59	34.97	35.28	0.89	ppb
Strontium	88-1	34.91	34.98	35.03	34.97	0.18	ppb
Sulfur	34-1	-436.18	-277.07	-34.34	-249.20		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.49	0.54	0.51	0.51	4.68	ppb
Thallium	205-1	0.54	0.47	0.44	0.48	10.07	ppb
Tin	118-1	1.27	1.27	1.32	1.29	2.24	ppb
Titanium	47-1	0.91	0.92	0.82	0.89	6.33	ppb
Uranium	238-1	0.07	0.05	0.06	0.06	19.24	ppb
Vanadium	51-2	0.21	0.22	0.22	0.22	2.08	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	95.36	95.10	98.78	96.41	2.13	ppb
Zirconium	90-1	0.16	0.23	0.21	0.20	16.96	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 16:04:32	DataFile Name :	011CALS_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.19	0.24	0.18	0.20	16.69	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 16:29:37	DataFile Name :	014ICV_P7102817 MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	499.11	513.86	487.79	500.26	2.61	ppb
Antimony	121-1	185.71	191.18	189.74	188.88	1.50	ppb
Arsenic	75-2	194.24	190.29	193.91	192.81	1.14	ppb
Barium	135-1	97.57	97.99	99.15	98.24	0.83	ppb
Barium	137-1	100.77	100.97	99.75	100.49	0.65	ppb
Beryllium	9-1	97.38	98.31	97.88	97.86	0.48	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	519.22	541.06	528.33	529.54	2.07	ppb
Boron	11-1	520.64	528.21	528.91	525.92	0.87	ppb
Cadmium	111-1	102.56	102.00	103.50	102.69	0.74	ppb
Cadmium	106-1	171.68	167.80	166.77	168.75	1.53	ppb
Cadmium	108-1	142.16	138.71	143.28	141.38	1.69	ppb
Calcium	43-1	2162.60	2151.76	2112.66	2142.34	1.23	ppb
Calcium	44-1	2111.11	2121.12	2085.19	2105.81	0.88	ppb
Chromium	52-2	99.30	99.11	97.24	98.55	1.15	ppb
Cobalt	59-2	102.58	103.98	102.49	103.02	0.81	ppb
Copper	63-2	104.92	105.11	103.28	104.44	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	1096.10	1106.20	1089.29	1097.20	0.78	ppb
Iron	57-2	1042.92	1039.59	1029.64	1037.39	0.67	ppb
Lead	206-1	205.83	202.82	200.27	202.97	1.37	ppb
Lead	207-1	194.34	194.32	192.09	193.58	0.67	ppb
Lead	208-1	197.88	195.59	194.23	195.90	0.94	ppb
Lithium	6-1				100		%
Magnesium	24-2	1213.56	1214.46	1210.01	1212.68	0.19	ppb
Manganese	55-2	100.91	100.99	97.86	99.92	1.79	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 16:29:37	DataFile Name :	014ICV_P7102817 MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	465.63	458.34	455.02	459.66	1.18	ppb
Molybdenum	95-1	481.81	471.97	475.17	476.32	1.05	ppb
Molybdenum	96-1	478.75	475.40	474.52	476.22	0.47	ppb
Molybdenum	97-1	475.49	470.62	469.00	471.70	0.72	ppb
Molybdenum	98-1	471.03	468.45	465.23	468.23	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.40	102.53	102.21	102.71	0.60	ppb
Phosphorus	31-2	16.18	9.11	-5.10	6.73	160.97	ppb
Potassium	39-2	2009.60	1983.94	1968.66	1987.40	1.04	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	189.94	205.82	195.71	197.16	4.08	ppb
Selenium	78-2	218.16	199.16	192.70	203.34	6.51	ppb
Selenium	82-1	197.71	198.33	196.51	197.51	0.47	ppb
Silicon	28-1	466.16	460.19	453.89	460.08	1.33	ppb
Silver	109-1	100.83	100.24	100.88	100.65	0.35	ppb
Silver	107-1	101.56	100.32	99.68	100.52	0.95	ppb
Sodium	23-2	2055.60	2070.06	2075.78	2067.15	0.50	ppb
Strontium	86-1	475.07	472.61	474.06	473.91	0.26	ppb
Strontium	88-1	486.22	469.93	477.32	477.82	1.71	ppb
Sulfur	34-1	432.04	307.55	204.16	314.58	36.27	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	203.20	201.13	203.75	202.69	0.68	ppb
Thallium	205-1	203.73	201.73	198.57	201.34	1.29	ppb
Tin	118-1	478.02	481.95	477.99	479.32	0.48	ppb
Titanium	47-1	471.71	479.95	467.69	473.12	1.32	ppb
Uranium	238-1	507.57	498.52	494.34	500.14	1.35	ppb
Vanadium	51-2	97.91	99.12	97.46	98.16	0.88	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	205.13	203.71	202.19	203.68	0.72	ppb
Zirconium	90-1	475.62	471.39	466.14	471.05	1.01	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 16:29:37	DataFile Name :	014ICV_P7102817 MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	479.40	465.13	462.10	468.87	1.97	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:01:39	DataFile Name :	015LCSE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.40	22.21	19.48	20.37	7.86	ppb
Antimony	121-1	1.60	1.79	1.73	1.71	5.62	ppb
Arsenic	75-2	1.07	1.00	0.97	1.01	4.91	ppb
Barium	135-1	8.58	9.03	9.14	8.92	3.31	ppb
Barium	137-1	8.93	9.24	8.89	9.02	2.14	ppb
Beryllium	9-1	0.89	0.99	1.04	0.97	7.75	ppb
Bismuth	209-1				102		%
Bismuth	209-2				93		%
Boron	10-1	20.87	22.29	21.87	21.67	3.37	ppb
Boron	11-1	21.36	23.31	21.88	22.18	4.56	ppb
Cadmium	111-1	0.75	0.75	0.64	0.71	8.95	ppb
Cadmium	106-1	-1.85	-1.12	-2.58	-1.85		ppb
Cadmium	108-1	0.86	1.27	0.53	0.89	41.86	ppb
Calcium	43-1	447.00	453.82	454.92	451.91	0.95	ppb
Calcium	44-1	455.40	469.78	456.35	460.51	1.75	ppb
Chromium	52-2	2.07	1.91	1.96	1.98	4.00	ppb
Cobalt	59-2	1.01	0.95	0.87	0.95	7.34	ppb
Copper	63-2	2.01	1.55	1.61	1.72	14.74	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				98		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	53.09	52.87	52.94	52.97	0.21	ppb
Iron	57-2	46.14	47.04	52.68	48.62	7.29	ppb
Lead	206-1	0.76	0.97	0.88	0.87	12.21	ppb
Lead	207-1	0.87	0.85	0.77	0.83	6.40	ppb
Lead	208-1	0.87	0.88	0.88	0.87	0.69	ppb
Lithium	6-1				99		%
Magnesium	24-2	479.89	488.05	493.73	487.22	1.43	ppb
Manganese	55-2	0.90	1.02	0.87	0.93	8.23	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:01:39	DataFile Name :	015LCSE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.96	1.86	1.97	1.93	3.19	ppb
Molybdenum	95-1	4.47	4.42	4.73	4.54	3.74	ppb
Molybdenum	96-1	4.02	3.99	3.88	3.96	1.84	ppb
Molybdenum	97-1	4.60	4.40	4.48	4.49	2.25	ppb
Molybdenum	98-1	4.35	4.49	4.38	4.41	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	0.97	0.95	0.98	2.81	ppb
Phosphorus	31-2	11.29	-3.82	38.51	15.33	139.96	ppb
Potassium	39-2	476.61	480.67	467.18	474.82	1.46	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	77-2	2.45	1.21	4.81	2.82	64.65	ppb
Selenium	78-2	6.39	7.52	5.19	6.37	18.33	ppb
Selenium	82-1	4.20	3.80	4.46	4.15	8.03	ppb
Silicon	28-1	11.75	15.83	13.35	13.64	15.07	ppb
Silver	109-1	1.02	0.92	0.88	0.94	7.75	ppb
Silver	107-1	0.86	0.87	0.96	0.89	6.21	ppb
Sodium	23-2	509.45	504.36	512.32	508.71	0.79	ppb
Strontium	86-1	0.93	0.95	1.04	0.97	6.07	ppb
Strontium	88-1	0.93	0.94	0.91	0.93	1.96	ppb
Sulfur	34-1	494.71	1085.11	872.69	817.50	36.58	ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.87	0.82	0.94	0.88	6.60	ppb
Thallium	205-1	0.90	0.93	0.88	0.90	2.37	ppb
Tin	118-1	4.43	4.72	4.64	4.60	3.29	ppb
Titanium	47-1	4.23	4.12	4.40	4.25	3.40	ppb
Uranium	238-1	0.83	0.87	0.80	0.83	4.75	ppb
Vanadium	51-2	4.45	4.65	4.79	4.63	3.69	ppb
Yttrium	89-1				95		%
Yttrium	89-2				94		%
Zinc	66-2	1.90	1.88	1.68	1.82	6.86	ppb
Zirconium	90-1	0.95	0.89	0.91	0.92	3.43	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:01:39	DataFile Name :	015LCSE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.89	0.78	0.85	0.84	6.73	ppb

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 17:05:57 DataFile Name : 016CCBE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.16	-0.27	-0.06	-0.06		ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	-0.01	-0.02	0.01	-0.01		ppb
Barium	135-1	-0.06	-0.01	-0.07	-0.04		ppb
Barium	137-1	-0.02	0.00	-0.02	-0.01		ppb
Beryllium	9-1	0.03	-0.02	0.01	0.01	245.60	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	10-1	1.06	0.87	0.72	0.88	19.71	ppb
Boron	11-1	1.57	1.38	1.23	1.39	12.39	ppb
Cadmium	111-1	-0.07	-0.09	-0.30	-0.15		ppb
Cadmium	106-1	-1.09	-1.14	-3.86	-2.03		ppb
Cadmium	108-1	-0.11	-0.11	-0.17	-0.13		ppb
Calcium	43-1	1.88	0.87	0.34	1.03	76.20	ppb
Calcium	44-1	2.18	3.54	6.51	4.07	54.35	ppb
Chromium	52-2	0.01	-0.01	-0.09	-0.03		ppb
Cobalt	59-2	-0.02	0.00	-0.03	-0.02		ppb
Copper	63-2	-0.64	-0.62	-0.62	-0.63		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				100		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	-0.66	-0.36	-0.40	-0.47		ppb
Iron	57-2	-0.59	-0.17	2.78	0.67	273.48	ppb
Lead	206-1	0.01	-0.02	-0.02	-0.01		ppb
Lead	207-1	-0.01	0.03	0.03	0.01	151.27	ppb
Lead	208-1	0.00	0.01	-0.01	0.00	16450.07	ppb
Lithium	6-1				99		%
Magnesium	24-2	0.37	0.32	-0.11	0.20	133.66	ppb
Manganese	55-2	-0.08	-0.08	-0.11	-0.09		ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:05:57	DataFile Name :	016CCBE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	-0.01	0.00	0.00		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.00	-0.01	-0.01	0.00		ppb
Molybdenum	97-1	0.02	0.03	0.06	0.04	63.47	ppb
Molybdenum	98-1	0.01	0.03	0.01	0.01	87.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	-0.05	-0.03		ppb
Phosphorus	31-2	-7.18	3.22	10.46	2.17	409.00	ppb
Potassium	39-2	8.26	11.17	13.46	10.96	23.79	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	77-2	0.00	1.16	0.00	0.39	173.21	ppb
Selenium	78-2	-0.92	2.76	-0.52	0.44	459.16	ppb
Selenium	82-1	-0.01	-0.59	0.62	0.01	9476.50	ppb
Silicon	28-1	0.29	1.95	1.50	1.25	68.75	ppb
Silver	109-1	0.00	0.00	0.01	0.00	134.02	ppb
Silver	107-1	0.00	0.00	0.01	0.00	92.63	ppb
Sodium	23-2	13.71	11.46	14.70	13.29	12.49	ppb
Strontium	86-1	0.05	0.00	0.03	0.03	80.05	ppb
Strontium	88-1	0.00	0.00	0.01	0.00	137.82	ppb
Sulfur	34-1	871.96	1124.68	1143.65	1046.76	14.49	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	-0.01	0.01	-0.01	0.00		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.01	0.01	0.05	0.02	192.43	ppb
Titanium	47-1	-0.02	-0.02	0.02	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	-0.05	-0.06	-0.19	-0.10		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	22.15	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:05:57	DataFile Name :	016CCBE_P7102817 MS

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

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:09:25	DataFile Name :	017ICSA_P7102817 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89216.83	90297.48	89314.95	89609.75	0.67	ppb
Antimony	121-1	1.26	1.25	1.14	1.22	5.55	ppb
Arsenic	75-2	0.25	0.28	0.34	0.29	16.50	ppb
Barium	135-1	1.33	1.31	1.41	1.35	3.90	ppb
Barium	137-1	1.38	1.44	1.54	1.46	5.56	ppb
Beryllium	9-1	0.25	0.24	0.25	0.25	1.31	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	10-1	0.74	0.61	0.57	0.64	14.43	ppb
Boron	11-1	1.66	2.03	1.93	1.87	10.33	ppb
Cadmium	111-1	0.45	0.28	0.24	0.32	33.45	ppb
Cadmium	106-1	0.21	-2.49	-3.45	-1.91		ppb
Cadmium	108-1	10.86	10.33	10.33	10.51	2.86	ppb
Calcium	43-1	95761.40	96082.87	97269.03	96371.10	0.82	ppb
Calcium	44-1	96303.29	96977.42	98958.68	97413.13	1.42	ppb
Chromium	52-2	19.63	20.06	19.48	19.72	1.50	ppb
Cobalt	59-2	1.15	1.16	1.22	1.18	3.06	ppb
Copper	63-2	7.31	7.57	7.47	7.45	1.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	101725.73	101341.70	98804.11	100623.85	1.58	ppb
Iron	57-2	97972.57	97862.17	97886.98	97907.24	0.06	ppb
Lead	206-1	5.14	4.75	4.94	4.94	4.01	ppb
Lead	207-1	4.71	4.41	4.28	4.47	4.89	ppb
Lead	208-1	4.73	4.40	4.52	4.55	3.61	ppb
Lithium	6-1				95		%
Magnesium	24-2	96689.87	97392.38	95873.82	96652.03	0.79	ppb
Manganese	55-2	7.78	7.49	7.53	7.60	2.05	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:09:25	DataFile Name :	017ICSA_P7102817 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	561.73	558.43	556.20	558.78	0.50	ppb
Molybdenum	95-1	1936.48	1933.02	1924.99	1931.50	0.31	ppb
Molybdenum	96-1	1625.64	1596.76	1581.01	1601.14	1.41	ppb
Molybdenum	97-1	1836.79	1788.79	1787.36	1804.31	1.56	ppb
Molybdenum	98-1	1939.96	1905.23	1906.55	1917.25	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.82	5.68	5.67	5.72	1.48	ppb
Phosphorus	31-2	95138.26	95279.31	95340.53	95252.70	0.11	ppb
Potassium	39-2	95902.42	96940.95	94689.79	95844.38	1.18	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	77-2	0.00	0.00	1.14	0.38	173.21	ppb
Selenium	78-2	-0.20	1.38	2.46	1.21	110.46	ppb
Selenium	82-1	-0.81	0.40	1.21	0.27	381.87	ppb
Silicon	28-1	35.09	35.65	37.50	36.08	3.49	ppb
Silver	109-1	0.04	0.05	0.07	0.05	24.57	ppb
Silver	107-1	0.05	0.06	0.09	0.07	30.00	ppb
Sodium	23-2	99200.06	99535.78	98098.14	98944.66	0.76	ppb
Strontium	86-1	33.86	33.18	32.64	33.23	1.84	ppb
Strontium	88-1	33.25	33.03	33.32	33.20	0.46	ppb
Sulfur	34-1	97788.06	98447.89	99498.61	98578.19	0.88	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.07	0.09	0.10	0.09	15.05	ppb
Thallium	205-1	0.07	0.08	0.09	0.08	10.99	ppb
Tin	118-1	0.75	0.76	0.60	0.70	12.86	ppb
Titanium	47-1	1857.95	1892.86	1921.33	1890.71	1.68	ppb
Uranium	238-1	0.02	0.03	0.02	0.02	23.44	ppb
Vanadium	51-2	0.17	0.15	0.14	0.15	8.82	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	11.30	11.72	12.09	11.71	3.38	ppb
Zirconium	90-1	0.22	0.16	0.17	0.18	17.67	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:09:25	DataFile Name :	017ICSA_P7102817 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.18	0.17	0.16	0.17	6.45	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:35:53	DataFile Name :	021ICSB_P7102817 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91331.80	87217.19	86188.20	88245.73	3.08	ppb
Antimony	121-1	19.16	20.15	20.11	19.80	2.82	ppb
Arsenic	75-2	20.22	18.87	19.33	19.47	3.55	ppb
Barium	135-1	19.53	20.41	21.13	20.36	3.93	ppb
Barium	137-1	20.90	21.40	21.32	21.21	1.28	ppb
Beryllium	9-1	20.31	20.17	20.25	20.24	0.37	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	10-1	62.62	62.06	60.04	61.57	2.21	ppb
Boron	11-1	59.87	60.91	60.04	60.27	0.93	ppb
Cadmium	111-1	20.28	19.28	20.20	19.92	2.78	ppb
Cadmium	106-1	22.88	20.53	25.31	22.91	10.45	ppb
Cadmium	108-1	32.49	33.63	34.92	33.68	3.60	ppb
Calcium	43-1	94453.30	91776.70	95530.29	93920.09	2.06	ppb
Calcium	44-1	96720.88	95505.93	97995.72	96740.84	1.29	ppb
Chromium	52-2	39.66	38.52	38.80	38.99	1.53	ppb
Cobalt	59-2	22.16	21.03	20.68	21.29	3.62	ppb
Copper	63-2	28.33	27.58	27.02	27.65	2.38	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				104		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	103385.03	98332.99	96707.11	99475.04	3.50	ppb
Iron	57-2	99742.94	95313.48	93387.13	96147.85	3.39	ppb
Lead	206-1	25.38	24.60	26.16	25.38	3.06	ppb
Lead	207-1	22.92	22.66	23.96	23.18	2.97	ppb
Lead	208-1	23.78	23.26	24.32	23.79	2.21	ppb
Lithium	6-1				96		%
Magnesium	24-2	98695.50	94466.74	91527.41	94896.55	3.80	ppb
Manganese	55-2	27.82	27.12	27.18	27.37	1.41	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:35:53	DataFile Name :	021ICSB_P7102817 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	599.89	588.10	604.22	597.40	1.40	ppb
Molybdenum	95-1	1963.84	1925.94	1973.54	1954.44	1.29	ppb
Molybdenum	96-1	1672.07	1626.67	1649.34	1649.36	1.38	ppb
Molybdenum	97-1	1831.23	1796.65	1836.44	1821.44	1.19	ppb
Molybdenum	98-1	1933.80	1897.17	1941.04	1924.00	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.60	23.81	23.58	24.33	4.54	ppb
Phosphorus	31-2	95363.89	92747.02	91002.94	93037.95	2.36	ppb
Potassium	39-2	97272.42	93870.85	92756.82	94633.36	2.49	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	20.74	15.71	17.53	17.99	14.16	ppb
Selenium	78-2	19.66	18.88	19.83	19.46	2.62	ppb
Selenium	82-1	18.59	17.22	18.83	18.21	4.76	ppb
Silicon	28-1	80.27	80.65	82.89	81.27	1.74	ppb
Silver	109-1	18.83	18.43	18.95	18.74	1.47	ppb
Silver	107-1	18.79	18.54	18.87	18.74	0.92	ppb
Sodium	23-2	101492.69	97954.44	95516.95	98321.36	3.06	ppb
Strontium	86-1	82.42	80.52	82.40	81.78	1.33	ppb
Strontium	88-1	81.30	80.78	81.37	81.15	0.40	ppb
Sulfur	34-1	96801.41	95931.87	97932.22	96888.50	1.04	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	21.02	20.53	20.28	20.61	1.83	ppb
Thallium	205-1	20.81	20.06	20.39	20.42	1.85	ppb
Tin	118-1	50.83	50.59	51.69	51.04	1.13	ppb
Titanium	47-1	1876.72	1860.73	1920.62	1886.02	1.64	ppb
Uranium	238-1	49.36	48.42	49.40	49.06	1.13	ppb
Vanadium	51-2	20.00	19.32	18.75	19.36	3.24	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	31.38	29.50	28.96	29.95	4.24	ppb
Zirconium	90-1	49.69	48.72	49.25	49.22	0.98	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:35:53	DataFile Name :	021ICSB_P7102817 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	50.71	48.61	50.45	49.92	2.29	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCV098	Instrumnet Name :	P7
Client Sample ID :	CCV098	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:39:18	DataFile Name :	022CCV_P7102817 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49855.21	49239.24	48752.35	49282.26	1.12	ppb
Antimony	121-1	494.25	494.28	493.11	493.88	0.14	ppb
Arsenic	75-2	493.39	508.19	498.39	499.99	1.51	ppb
Barium	135-1	2484.47	2521.63	2453.00	2486.37	1.38	ppb
Barium	137-1	2534.63	2545.34	2522.99	2534.32	0.44	ppb
Beryllium	9-1	505.61	508.02	514.16	509.26	0.87	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Boron	10-1	495.96	502.84	511.45	503.42	1.54	ppb
Boron	11-1	497.19	510.94	520.55	509.56	2.30	ppb
Cadmium	111-1	500.91	506.76	497.46	501.71	0.94	ppb
Cadmium	106-1	510.13	516.22	490.94	505.76	2.61	ppb
Cadmium	108-1	500.01	499.74	494.17	497.97	0.66	ppb
Calcium	43-1	248615.38	250155.99	255137.83	251303.07	1.36	ppb
Calcium	44-1	248362.54	248868.78	248648.86	248626.73	0.10	ppb
Chromium	52-2	516.07	509.27	507.29	510.88	0.90	ppb
Cobalt	59-2	500.94	497.81	493.60	497.45	0.74	ppb
Copper	63-2	992.72	987.21	975.76	985.23	0.88	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				103		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	127068.58	124344.75	122803.85	124739.06	1.73	ppb
Iron	57-2	121494.01	120957.88	120463.73	120971.87	0.43	ppb
Lead	206-1	523.97	520.92	528.68	524.52	0.75	ppb
Lead	207-1	521.04	518.31	524.58	521.31	0.60	ppb
Lead	208-1	513.24	509.37	514.18	512.27	0.50	ppb
Lithium	6-1				97		%
Magnesium	24-2	252393.86	243945.25	240046.22	245461.78	2.57	ppb
Manganese	55-2	1023.49	1008.23	1004.99	1012.24	0.98	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCV098	Instrumnet Name :	P7
Client Sample ID :	CCV098	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:39:18	DataFile Name :	022CCV_P7102817 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	491.15	498.95	500.69	496.93	1.02	ppb
Molybdenum	95-1	506.26	513.01	511.57	510.28	0.70	ppb
Molybdenum	96-1	512.05	514.50	512.95	513.17	0.24	ppb
Molybdenum	97-1	504.95	506.99	508.59	506.84	0.36	ppb
Molybdenum	98-1	497.13	502.41	503.47	501.00	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.92	490.99	480.93	489.95	1.74	ppb
Phosphorus	31-2	10239.96	9774.16	10131.24	10048.45	2.43	ppb
Potassium	39-2	125310.39	124342.68	122231.86	123961.64	1.27	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	77-2	482.15	489.69	456.87	476.24	3.61	ppb
Selenium	78-2	495.89	497.07	507.73	500.23	1.30	ppb
Selenium	82-1	492.25	494.81	500.03	495.69	0.80	ppb
Silicon	28-1	514.52	522.27	532.57	523.12	1.73	ppb
Silver	109-1	485.17	492.49	489.02	488.89	0.75	ppb
Silver	107-1	491.39	492.44	486.86	490.23	0.60	ppb
Sodium	23-2	253952.38	249427.66	246436.01	249938.68	1.51	ppb
Strontium	86-1	519.62	520.73	530.69	523.68	1.16	ppb
Strontium	88-1	511.66	514.46	524.11	516.74	1.26	ppb
Sulfur	34-1	9556.32	9948.88	10071.71	9858.97	2.73	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	518.43	513.40	522.75	518.19	0.90	ppb
Thallium	205-1	508.83	510.30	518.37	512.50	1.00	ppb
Tin	118-1	516.55	517.26	516.95	516.92	0.07	ppb
Titanium	47-1	499.25	497.89	506.35	501.16	0.91	ppb
Uranium	238-1	519.56	511.19	516.61	515.79	0.82	ppb
Vanadium	51-2	507.23	510.65	505.35	507.74	0.53	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	978.25	967.85	960.91	969.00	0.90	ppb
Zirconium	90-1	504.51	496.87	507.71	503.03	1.11	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCV098	Instrumnet Name :	P7
Client Sample ID :	CCV098	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:39:18	DataFile Name :	022CCV_P7102817 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	504.92	501.06	512.08	506.02	1.11	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:52:27	DataFile Name :	023LCSE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.92	18.11	18.96	18.66	2.56	ppb
Antimony	121-1	1.89	2.00	1.86	1.91	3.93	ppb
Arsenic	75-2	0.96	0.79	1.08	0.95	15.50	ppb
Barium	135-1	9.35	8.84	9.07	9.08	2.79	ppb
Barium	137-1	9.05	9.41	9.12	9.19	2.06	ppb
Beryllium	9-1	1.00	1.08	1.02	1.04	4.01	ppb
Bismuth	209-1				102		%
Bismuth	209-2				96		%
Boron	10-1	22.44	24.81	22.30	23.19	6.09	ppb
Boron	11-1	22.95	23.21	23.54	23.23	1.25	ppb
Cadmium	111-1	0.94	0.87	0.76	0.86	10.30	ppb
Cadmium	106-1	-1.03	-0.27	-0.90	-0.74		ppb
Cadmium	108-1	0.46	1.06	0.78	0.77	38.67	ppb
Calcium	43-1	441.33	417.33	419.97	426.21	3.09	ppb
Calcium	44-1	466.27	452.77	462.69	460.58	1.52	ppb
Chromium	52-2	2.03	2.03	2.13	2.06	2.82	ppb
Cobalt	59-2	1.03	0.92	0.90	0.95	7.01	ppb
Copper	63-2	1.47	1.48	1.31	1.42	6.56	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				102		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	55.41	53.64	54.61	54.55	1.63	ppb
Iron	57-2	57.15	47.42	53.18	52.58	9.31	ppb
Lead	206-1	0.94	0.96	0.95	0.95	1.21	ppb
Lead	207-1	1.03	0.90	0.92	0.95	7.41	ppb
Lead	208-1	0.94	0.95	0.94	0.94	0.69	ppb
Lithium	6-1				97		%
Magnesium	24-2	491.95	462.48	479.80	478.08	3.10	ppb
Manganese	55-2	0.95	1.04	0.83	0.94	11.31	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:52:27	DataFile Name :	023LCSE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.09	2.13	2.19	2.14	2.43	ppb
Molybdenum	95-1	4.19	4.45	4.69	4.44	5.54	ppb
Molybdenum	96-1	4.04	3.99	3.99	4.00	0.78	ppb
Molybdenum	97-1	4.49	4.61	4.55	4.55	1.31	ppb
Molybdenum	98-1	4.36	4.70	4.50	4.52	3.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	0.95	1.08	1.00	7.19	ppb
Phosphorus	31-2	2.16	-1.56	-11.95	-3.78		ppb
Potassium	39-2	508.72	509.45	488.78	502.31	2.34	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	5.68	5.66	6.83	6.06	11.03	ppb
Selenium	78-2	5.49	7.39	4.55	5.81	24.86	ppb
Selenium	82-1	5.28	4.59	4.31	4.72	10.49	ppb
Silicon	28-1	13.15	12.80	12.16	12.70	3.97	ppb
Silver	109-1	1.06	1.07	1.04	1.06	1.16	ppb
Silver	107-1	0.97	1.06	1.07	1.04	5.20	ppb
Sodium	23-2	538.71	534.79	530.60	534.70	0.76	ppb
Strontium	86-1	0.83	0.83	0.92	0.86	6.16	ppb
Strontium	88-1	0.92	0.93	0.94	0.93	1.18	ppb
Sulfur	34-1	-288.01	-232.47	-333.73	-284.74		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.89	0.88	0.98	0.91	5.96	ppb
Thallium	205-1	0.88	0.90	0.92	0.90	2.57	ppb
Tin	118-1	4.75	4.60	4.67	4.67	1.65	ppb
Titanium	47-1	4.71	4.51	4.47	4.56	2.86	ppb
Uranium	238-1	0.88	0.78	0.86	0.84	6.03	ppb
Vanadium	51-2	4.93	4.58	4.62	4.71	4.07	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	2.00	1.92	1.97	1.96	2.09	ppb
Zirconium	90-1	1.05	1.03	1.02	1.03	1.74	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:52:27	DataFile Name :	023LCSE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.94	1.00	0.98	0.97	3.00	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCB098	Instrumnet Name :	P7
Client Sample ID :	CCB098	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:55:53	DataFile Name :	024CCBE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.34	0.75	0.54	0.54	37.64	ppb
Antimony	121-1	0.08	0.08	0.08	0.08	5.29	ppb
Arsenic	75-2	0.00	0.02	0.02	0.01	56.07	ppb
Barium	135-1	-0.08	-0.04	-0.07	-0.06		ppb
Barium	137-1	-0.05	-0.05	-0.06	-0.05		ppb
Beryllium	9-1	0.01	0.06	0.02	0.03	83.05	ppb
Bismuth	209-1				104		%
Bismuth	209-2				97		%
Boron	10-1	2.31	1.33	1.10	1.58	40.52	ppb
Boron	11-1	2.35	2.29	2.06	2.23	6.88	ppb
Cadmium	111-1	-0.03	-0.07	-0.16	-0.08		ppb
Cadmium	106-1	-0.37	-0.78	-1.83	-0.99		ppb
Cadmium	108-1	-0.11	-0.05	0.08	-0.03		ppb
Calcium	43-1	2.23	-7.81	-2.85	-2.81		ppb
Calcium	44-1	8.86	9.05	8.49	8.80	3.19	ppb
Chromium	52-2	0.01	0.05	-0.03	0.01	435.89	ppb
Cobalt	59-2	-0.05	-0.02	-0.04	-0.04		ppb
Copper	63-2	-0.62	-0.68	-0.68	-0.66		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				100		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	56-2	0.68	0.91	0.86	0.82	15.14	ppb
Iron	57-2	1.71	2.42	-1.10	1.01	184.70	ppb
Lead	206-1	0.00	-0.01	-0.01	-0.01		ppb
Lead	207-1	0.02	-0.01	-0.04	-0.01		ppb
Lead	208-1	0.00	-0.01	0.00	0.00		ppb
Lithium	6-1				99		%
Magnesium	24-2	0.34	0.76	1.42	0.84	65.05	ppb
Manganese	55-2	-0.13	-0.12	-0.12	-0.12		ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCB098	Instrumnet Name :	P7
Client Sample ID :	CCB098	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:55:53	DataFile Name :	024CCBE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.04	0.03	0.03	16.15	ppb
Molybdenum	95-1	0.08	0.06	0.09	0.08	20.92	ppb
Molybdenum	96-1	0.03	0.01	0.03	0.03	46.10	ppb
Molybdenum	97-1	0.09	0.06	0.08	0.08	19.86	ppb
Molybdenum	98-1	0.04	0.05	0.04	0.04	14.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.05	-0.01	-0.03		ppb
Phosphorus	31-2	5.32	8.76	5.23	6.44	31.22	ppb
Potassium	39-2	30.11	35.70	25.46	30.42	16.86	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.26	0.86	0.48	0.36	158.65	ppb
Selenium	82-1	-0.89	0.10	0.40	-0.13		ppb
Silicon	28-1	-2.65	-1.88	-1.36	-1.96		ppb
Silver	109-1	0.04	0.02	0.02	0.03	36.55	ppb
Silver	107-1	0.03	0.02	0.01	0.02	56.92	ppb
Sodium	23-2	42.22	41.33	41.95	41.84	1.09	ppb
Strontium	86-1	0.03	0.02	0.00	0.02	80.19	ppb
Strontium	88-1	0.00	0.01	0.00	0.00	74.04	ppb
Sulfur	34-1	-427.07	-394.34	-134.41	-318.61		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.02	-0.01	0.01	248.06	ppb
Thallium	205-1	0.00	0.00	0.02	0.01	173.79	ppb
Tin	118-1	0.03	-0.01	0.02	0.02	125.62	ppb
Titanium	47-1	0.04	0.01	0.02	0.02	79.26	ppb
Uranium	238-1	0.00	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	-0.04	0.05	0.25	0.09	163.30	ppb
Zirconium	90-1	0.01	0.03	0.02	0.02	52.53	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCB098	Instrumnet Name :	P7
Client Sample ID :	CCB098	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:55:53	DataFile Name :	024CCBE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.01	0.01	30.42	ppb

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 17:59:20 DataFile Name : 025SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.12	22.15	18.09	19.79	10.67	ppb
Antimony	121-1	1.73	1.98	1.90	1.87	6.81	ppb
Arsenic	75-2	1.03	0.83	1.07	0.98	13.00	ppb
Barium	135-1	9.22	8.92	9.24	9.13	1.99	ppb
Barium	137-1	8.97	8.98	9.52	9.16	3.43	ppb
Beryllium	9-1	0.95	1.00	0.97	0.98	2.34	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	19.45	20.48	23.65	21.19	10.33	ppb
Boron	11-1	21.18	22.20	23.79	22.39	5.88	ppb
Cadmium	111-1	0.78	1.02	0.87	0.89	13.87	ppb
Cadmium	106-1	-1.31	2.64	0.40	0.58	343.43	ppb
Cadmium	108-1	0.93	0.74	0.72	0.80	14.51	ppb
Calcium	43-1	428.74	452.18	458.85	446.59	3.54	ppb
Calcium	44-1	460.73	468.74	474.73	468.07	1.50	ppb
Chromium	52-2	2.08	1.78	2.00	1.95	7.85	ppb
Cobalt	59-2	0.92	0.96	0.94	0.94	2.15	ppb
Copper	63-2	1.17	1.18	1.27	1.21	4.49	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				104		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	56-2	52.01	51.78	51.56	51.78	0.43	ppb
Iron	57-2	48.08	52.93	44.24	48.41	8.99	ppb
Lead	206-1	0.91	0.95	1.00	0.95	4.42	ppb
Lead	207-1	0.98	0.95	0.88	0.94	5.93	ppb
Lead	208-1	0.90	0.94	0.93	0.92	2.64	ppb
Lithium	6-1				100		%
Magnesium	24-2	470.23	458.10	458.33	462.22	1.50	ppb
Manganese	55-2	0.95	0.93	0.93	0.93	1.66	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:59:20	DataFile Name :	025SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.03	1.98	2.04	2.01	1.62	ppb
Molybdenum	95-1	4.63	4.44	4.54	4.53	2.05	ppb
Molybdenum	96-1	3.98	3.92	3.79	3.90	2.42	ppb
Molybdenum	97-1	4.31	4.40	4.53	4.42	2.50	ppb
Molybdenum	98-1	4.52	4.51	4.54	4.52	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.00	0.92	0.99	6.39	ppb
Phosphorus	31-2	5.23	20.84	-5.26	6.94	189.34	ppb
Potassium	39-2	492.13	480.95	479.87	484.32	1.40	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	77-2	8.97	2.19	1.13	4.10	103.89	ppb
Selenium	78-2	5.20	3.87	6.05	5.04	21.79	ppb
Selenium	82-1	4.55	4.43	5.34	4.78	10.27	ppb
Silicon	28-1	9.71	12.27	12.75	11.58	14.12	ppb
Silver	109-1	0.98	1.07	0.95	1.00	6.35	ppb
Silver	107-1	0.91	0.95	1.10	0.99	10.15	ppb
Sodium	23-2	528.56	491.99	520.15	513.57	3.73	ppb
Strontium	86-1	0.80	0.86	0.95	0.87	9.10	ppb
Strontium	88-1	0.93	0.94	0.95	0.94	0.89	ppb
Sulfur	34-1	-323.54	105.93	65.18	-50.81		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.94	0.95	1.00	0.96	3.71	ppb
Thallium	205-1	0.88	0.92	0.96	0.92	4.15	ppb
Tin	118-1	4.79	4.83	4.73	4.78	1.02	ppb
Titanium	47-1	4.39	4.44	4.27	4.37	1.99	ppb
Uranium	238-1	0.84	0.85	0.84	0.85	0.99	ppb
Vanadium	51-2	4.54	4.43	4.63	4.54	2.22	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	1.97	2.43	1.64	2.01	19.67	ppb
Zirconium	90-1	0.93	0.96	0.99	0.96	2.83	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:59:20	DataFile Name :	025SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.89	0.81	0.91	0.87	6.14	ppb

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : PB103817BL Instrumnet Name : P7
 Client Sample ID : PB103817BL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 18:12:15 DataFile Name : 026CCBE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.06	0.14	0.15	0.08	158.66	ppb
Antimony	121-1	-0.02	0.03	0.01	0.01	286.69	ppb
Arsenic	75-2	-0.02	0.03	0.01	0.00	487.91	ppb
Barium	135-1	-0.08	-0.07	-0.09	-0.08		ppb
Barium	137-1	-0.06	-0.03	-0.06	-0.05		ppb
Beryllium	9-1	0.02	0.01	0.01	0.02	54.61	ppb
Bismuth	209-1				102		%
Bismuth	209-2				95		%
Boron	10-1	-0.36	-0.86	-0.74	-0.65		ppb
Boron	11-1	0.21	0.07	0.48	0.26	81.09	ppb
Cadmium	111-1	-0.24	-0.14	-0.18	-0.19		ppb
Cadmium	106-1	-2.97	-1.77	-2.39	-2.38		ppb
Cadmium	108-1	-0.05	-0.05	-0.17	-0.09		ppb
Calcium	43-1	-5.41	-6.18	-6.82	-6.14		ppb
Calcium	44-1	6.22	3.91	3.93	4.69	28.35	ppb
Chromium	52-2	-0.02	0.00	0.00	-0.01		ppb
Cobalt	59-2	-0.04	-0.04	-0.03	-0.04		ppb
Copper	63-2	-0.71	-0.66	-0.67	-0.68		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	-0.05	-0.04	-0.03	-0.04		ppb
Iron	57-2	2.42	-0.31	-1.23	0.29	645.47	ppb
Lead	206-1	0.00	0.00	-0.02	-0.01		ppb
Lead	207-1	0.00	-0.02	-0.03	-0.02		ppb
Lead	208-1	-0.01	-0.01	-0.01	-0.01		ppb
Lithium	6-1				97		%
Magnesium	24-2	1.24	1.26	-0.44	0.68	142.08	ppb
Manganese	55-2	-0.12	-0.13	-0.12	-0.12		ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103817BL	Instrumnet Name :	P7
Client Sample ID :	PB103817BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:12:15	DataFile Name :	026CCBE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.00	0.01	0.00	182.09	ppb
Molybdenum	95-1	0.01	0.00	0.02	0.01	66.32	ppb
Molybdenum	96-1	0.00	0.02	0.01	0.01	85.68	ppb
Molybdenum	97-1	0.03	0.00	0.00	0.01	159.66	ppb
Molybdenum	98-1	0.03	0.02	0.02	0.02	13.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.07	0.05	-0.03		ppb
Phosphorus	31-2	-14.75	-8.00	-0.89	-7.88		ppb
Potassium	39-2	19.97	19.43	15.06	18.15	14.84	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.47	3.29	0.59	1.45	109.59	ppb
Selenium	82-1	-0.21	-0.55	-0.62	-0.46		ppb
Silicon	28-1	0.17	-1.67	-1.47	-0.99		ppb
Silver	109-1	0.02	0.00	-0.01	0.00	360.27	ppb
Silver	107-1	0.01	0.00	0.01	0.01	45.09	ppb
Sodium	23-2	25.88	20.00	25.44	23.77	13.78	ppb
Strontium	86-1	0.10	0.01	0.08	0.06	77.41	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	321.27	343.83	113.65	259.58	48.88	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	0.02	0.04	0.02	0.02	50.33	ppb
Titanium	47-1	0.00	0.04	0.06	0.03	95.48	ppb
Uranium	238-1	0.00	0.00	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	-0.32	-0.22	-0.05	-0.20		ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	65.14	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103817BL	Instrumnet Name :	P7
Client Sample ID :	PB103817BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:12:15	DataFile Name :	026CCBE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.02	0.03	0.01	0.01	332.22	ppb

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : I5275-01 Instrumnet Name : P7
 Client Sample ID : LOD-SOIL-01-QT4-2017 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 18:15:42 DataFile Name : 027SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.82	9.36	10.63	10.94	16.00	ppb
Antimony	121-1	0.34	0.33	0.39	0.35	9.87	ppb
Arsenic	75-2	0.49	0.31	0.36	0.39	23.30	ppb
Barium	135-1	2.09	2.12	2.08	2.10	0.88	ppb
Barium	137-1	1.93	2.09	2.07	2.03	4.39	ppb
Beryllium	9-1	0.46	0.38	0.32	0.39	18.52	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	-0.23	-0.76	-0.07	-0.36		ppb
Boron	11-1	0.66	0.82	0.40	0.63	33.75	ppb
Cadmium	111-1	0.33	0.39	0.21	0.31	28.56	ppb
Cadmium	106-1	-0.09	-0.75	-2.51	-1.12		ppb
Cadmium	108-1	0.27	0.21	0.20	0.23	17.05	ppb
Calcium	43-1	39.48	39.54	40.73	39.92	1.77	ppb
Calcium	44-1	51.91	51.43	43.43	48.92	9.74	ppb
Chromium	52-2	0.46	0.45	0.34	0.42	15.54	ppb
Cobalt	59-2	0.39	0.40	0.40	0.39	1.76	ppb
Copper	63-2	0.80	0.63	0.85	0.76	14.99	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				104		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	23.37	22.77	22.85	23.00	1.41	ppb
Iron	57-2	19.38	20.21	19.60	19.73	2.16	ppb
Lead	206-1	0.36	0.43	0.35	0.38	11.63	ppb
Lead	207-1	0.39	0.33	0.34	0.35	8.89	ppb
Lead	208-1	0.40	0.40	0.37	0.39	3.55	ppb
Lithium	6-1				99		%
Magnesium	24-2	42.73	38.29	39.77	40.26	5.61	ppb
Manganese	55-2	0.74	0.67	0.78	0.73	7.93	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I5275-01	Instrumnet Name :	P7
Client Sample ID :	LOD-SOIL-01-QT4-2017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:15:42	DataFile Name :	027SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.38	0.34	0.31	0.34	10.94	ppb
Molybdenum	95-1	0.39	0.42	0.38	0.40	4.99	ppb
Molybdenum	96-1	0.40	0.35	0.43	0.39	9.78	ppb
Molybdenum	97-1	0.31	0.43	0.40	0.38	16.37	ppb
Molybdenum	98-1	0.36	0.44	0.42	0.41	10.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.44	0.42	0.45	0.43	3.72	ppb
Phosphorus	31-2	5.84	1.94	11.61	6.46	75.23	ppb
Potassium	39-2	37.91	39.10	25.76	34.26	21.55	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	0.00	1.13	3.39	1.51	114.59	ppb
Selenium	78-2	1.71	2.59	4.12	2.81	43.44	ppb
Selenium	82-1	1.65	2.44	1.93	2.01	19.83	ppb
Silicon	28-1	2.32	2.46	-0.37	1.47	108.77	ppb
Silver	109-1	0.39	0.43	0.47	0.43	9.08	ppb
Silver	107-1	0.43	0.42	0.43	0.43	0.89	ppb
Sodium	23-2	72.13	72.68	69.86	71.56	2.09	ppb
Strontium	86-1	0.52	0.46	0.42	0.47	10.26	ppb
Strontium	88-1	0.43	0.40	0.37	0.40	7.60	ppb
Sulfur	34-1	375.89	215.46	-173.77	139.19	203.06	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.52	0.42	0.34	0.43	21.21	ppb
Thallium	205-1	0.43	0.35	0.40	0.39	10.47	ppb
Tin	118-1	0.40	0.41	0.37	0.39	5.21	ppb
Titanium	47-1	0.57	0.42	0.42	0.47	17.57	ppb
Uranium	238-1	0.38	0.37	0.37	0.37	0.66	ppb
Vanadium	51-2	0.42	0.38	0.41	0.40	5.40	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	0.85	1.48	0.89	1.07	33.29	ppb
Zirconium	90-1	0.35	0.35	0.37	0.35	3.75	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I5275-01	Instrumnet Name :	P7
Client Sample ID :	LOD-SOIL-01-QT4-2017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:15:42	DataFile Name :	027SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.38	0.35	0.31	0.35	10.45	ppb

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : I5275-02 Instrumnet Name : P7
 Client Sample ID : LOQ-SOIL-02-QT4-2017 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 18:19:09 DataFile Name : 028SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.17	34.85	33.74	35.92	7.98	ppb
Antimony	121-1	3.77	3.75	3.76	3.76	0.20	ppb
Arsenic	75-2	1.86	2.08	1.89	1.94	5.97	ppb
Barium	135-1	19.00	18.12	17.88	18.33	3.21	ppb
Barium	137-1	19.20	19.05	19.70	19.32	1.78	ppb
Beryllium	9-1	1.90	1.90	1.65	1.82	7.92	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	43.11	45.44	45.25	44.60	2.90	ppb
Boron	11-1	43.03	42.87	44.59	43.50	2.19	ppb
Cadmium	111-1	1.83	1.77	1.78	1.79	2.01	ppb
Cadmium	106-1	2.63	1.12	-0.84	0.97	178.86	ppb
Cadmium	108-1	1.82	2.12	1.25	1.73	25.63	ppb
Calcium	43-1	951.83	917.67	901.87	923.79	2.76	ppb
Calcium	44-1	943.45	945.78	937.36	942.20	0.46	ppb
Chromium	52-2	4.19	4.33	4.37	4.30	2.14	ppb
Cobalt	59-2	2.02	2.01	2.04	2.02	0.74	ppb
Copper	63-2	3.61	3.90	3.97	3.82	4.99	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				102		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	108.23	108.91	111.89	109.68	1.77	ppb
Iron	57-2	96.79	92.13	104.12	97.68	6.18	ppb
Lead	206-1	1.89	2.05	1.79	1.91	6.70	ppb
Lead	207-1	1.93	1.96	1.98	1.95	1.22	ppb
Lead	208-1	1.94	1.98	1.85	1.92	3.38	ppb
Lithium	6-1				97		%
Magnesium	24-2	960.74	971.91	969.84	967.49	0.61	ppb
Manganese	55-2	2.02	1.90	1.76	1.89	6.79	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I5275-02	Instrumnet Name :	P7
Client Sample ID :	LOQ-SOIL-02-QT4-2017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:19:09	DataFile Name :	028SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.23	4.18	4.02	4.14	2.60	ppb
Molybdenum	95-1	9.47	9.54	9.14	9.39	2.25	ppb
Molybdenum	96-1	8.21	7.91	7.91	8.01	2.20	ppb
Molybdenum	97-1	9.20	9.43	8.78	9.14	3.64	ppb
Molybdenum	98-1	9.18	9.79	9.42	9.46	3.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.11	2.01	2.14	2.09	3.34	ppb
Phosphorus	31-2	26.30	9.09	23.08	19.49	46.94	ppb
Potassium	39-2	973.46	965.12	973.10	970.56	0.49	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	6.87	8.01	6.90	7.26	8.93	ppb
Selenium	78-2	8.86	9.63	9.69	9.39	4.88	ppb
Selenium	82-1	9.69	10.05	9.47	9.74	3.02	ppb
Silicon	28-1	27.00	28.09	26.59	27.23	2.85	ppb
Silver	109-1	2.22	2.09	2.11	2.14	3.27	ppb
Silver	107-1	1.96	1.94	2.08	1.99	3.90	ppb
Sodium	23-2	1027.43	1021.76	1016.88	1022.02	0.52	ppb
Strontium	86-1	1.92	1.81	1.99	1.91	4.55	ppb
Strontium	88-1	1.97	2.03	1.93	1.98	2.35	ppb
Sulfur	34-1	172.64	350.00	0.19	174.28	100.37	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	1.94	2.00	1.93	1.96	1.97	ppb
Thallium	205-1	1.88	1.96	1.95	1.93	2.05	ppb
Tin	118-1	9.51	9.21	9.61	9.44	2.17	ppb
Titanium	47-1	8.69	9.04	9.30	9.01	3.39	ppb
Uranium	238-1	1.73	1.73	1.76	1.74	1.15	ppb
Vanadium	51-2	9.34	9.55	9.76	9.55	2.21	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	3.95	4.22	4.46	4.21	6.05	ppb
Zirconium	90-1	1.97	1.92	1.92	1.93	1.38	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I5275-02	Instrumnet Name :	P7
Client Sample ID :	LOQ-SOIL-02-QT4-2017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:19:09	DataFile Name :	028SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.01	1.96	1.80	1.92	5.58	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCV099	Instrumnet Name :	P7
Client Sample ID :	CCV099	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:23:05	DataFile Name :	029CCV_P7102817 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49265.58	48799.91	48722.77	48929.42	0.60	ppb
Antimony	121-1	491.14	492.24	496.24	493.21	0.54	ppb
Arsenic	75-2	494.06	498.31	498.50	496.96	0.51	ppb
Barium	135-1	2499.46	2469.51	2521.79	2496.92	1.05	ppb
Barium	137-1	2560.45	2505.23	2549.48	2538.39	1.15	ppb
Beryllium	9-1	514.38	516.47	518.66	516.50	0.41	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Boron	10-1	494.78	509.51	514.15	506.14	2.00	ppb
Boron	11-1	497.40	506.78	517.67	507.28	2.00	ppb
Cadmium	111-1	500.19	497.82	506.09	501.36	0.85	ppb
Cadmium	106-1	506.90	506.65	520.69	511.41	1.57	ppb
Cadmium	108-1	507.27	491.50	499.42	499.40	1.58	ppb
Calcium	43-1	247151.34	249758.56	251400.84	249436.91	0.86	ppb
Calcium	44-1	245600.31	250321.19	250588.10	248836.53	1.13	ppb
Chromium	52-2	510.19	503.21	502.39	505.26	0.85	ppb
Cobalt	59-2	500.36	492.55	490.16	494.35	1.08	ppb
Copper	63-2	977.75	967.48	970.85	972.03	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	56-2	125733.55	123253.01	122908.07	123964.88	1.24	ppb
Iron	57-2	121894.28	119757.86	119542.14	120398.09	1.08	ppb
Lead	206-1	509.45	520.42	503.15	511.01	1.71	ppb
Lead	207-1	503.69	518.23	501.74	507.89	1.77	ppb
Lead	208-1	499.48	512.28	490.88	500.88	2.15	ppb
Lithium	6-1				95		%
Magnesium	24-2	250003.96	242291.08	241995.77	244763.60	1.86	ppb
Manganese	55-2	1010.15	998.13	991.82	1000.04	0.93	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCV099	Instrumnet Name :	P7
Client Sample ID :	CCV099	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:23:05	DataFile Name :	029CCV_P7102817 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	497.35	495.39	504.20	498.98	0.93	ppb
Molybdenum	95-1	511.89	509.50	517.69	513.03	0.82	ppb
Molybdenum	96-1	508.70	509.34	518.54	512.19	1.07	ppb
Molybdenum	97-1	501.47	503.05	516.77	507.10	1.66	ppb
Molybdenum	98-1	497.81	495.15	507.93	500.29	1.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.10	488.69	486.20	490.00	0.94	ppb
Phosphorus	31-2	10290.70	10058.60	9913.91	10087.74	1.88	ppb
Potassium	39-2	124730.51	124070.43	121794.66	123531.87	1.25	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	483.02	488.86	517.18	496.36	3.68	ppb
Selenium	78-2	479.33	497.13	511.20	495.89	3.22	ppb
Selenium	82-1	494.25	492.01	498.16	494.81	0.63	ppb
Silicon	28-1	510.23	514.58	528.60	517.80	1.85	ppb
Silver	109-1	491.31	487.96	489.21	489.50	0.35	ppb
Silver	107-1	492.49	488.11	494.12	491.57	0.63	ppb
Sodium	23-2	252342.03	249846.16	246971.01	249719.73	1.08	ppb
Strontium	86-1	521.22	516.10	529.69	522.34	1.31	ppb
Strontium	88-1	519.32	516.16	522.58	519.36	0.62	ppb
Sulfur	34-1	10410.78	10690.36	11006.70	10702.61	2.79	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	503.43	522.04	499.05	508.17	2.40	ppb
Thallium	205-1	503.94	515.29	492.19	503.81	2.29	ppb
Tin	118-1	512.14	509.63	515.96	512.57	0.62	ppb
Titanium	47-1	495.85	504.69	508.04	502.86	1.25	ppb
Uranium	238-1	506.91	514.02	502.27	507.73	1.17	ppb
Vanadium	51-2	509.89	503.13	502.89	505.30	0.79	ppb
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	973.58	951.03	954.85	959.82	1.26	ppb
Zirconium	90-1	505.46	505.85	506.57	505.96	0.11	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCV099	Instrumnet Name :	P7
Client Sample ID :	CCV099	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:23:05	DataFile Name :	029CCV_P7102817 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	507.08	506.21	509.24	507.51	0.31	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	LLCCV02	Instrumnet Name :	P7
Client Sample ID :	LLCCV02	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:37:52	DataFile Name :	030LCSE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.88	20.09	21.26	21.08	4.30	ppb
Antimony	121-1	2.04	1.92	1.92	1.96	3.39	ppb
Arsenic	75-2	0.72	0.79	1.01	0.84	18.20	ppb
Barium	135-1	9.63	8.94	9.15	9.24	3.85	ppb
Barium	137-1	9.37	9.12	8.97	9.16	2.19	ppb
Beryllium	9-1	0.96	1.04	1.03	1.01	4.55	ppb
Bismuth	209-1				103		%
Bismuth	209-2				95		%
Boron	10-1	23.00	21.89	20.81	21.90	5.01	ppb
Boron	11-1	23.00	23.14	21.77	22.64	3.33	ppb
Cadmium	111-1	0.80	0.65	0.89	0.78	15.82	ppb
Cadmium	106-1	-0.13	-2.22	0.35	-0.67		ppb
Cadmium	108-1	0.87	1.01	0.64	0.84	22.34	ppb
Calcium	43-1	471.97	428.95	414.94	438.62	6.78	ppb
Calcium	44-1	471.28	462.41	461.18	464.96	1.19	ppb
Chromium	52-2	2.12	2.13	1.88	2.04	6.91	ppb
Cobalt	59-2	0.94	0.92	1.03	0.97	5.71	ppb
Copper	63-2	1.84	1.81	1.86	1.84	1.28	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				104		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	54.07	54.26	54.67	54.33	0.57	ppb
Iron	57-2	46.92	50.04	56.39	51.12	9.44	ppb
Lead	206-1	0.90	0.90	0.89	0.90	0.30	ppb
Lead	207-1	0.89	0.88	0.93	0.90	2.85	ppb
Lead	208-1	0.90	0.90	0.89	0.90	0.37	ppb
Lithium	6-1				99		%
Magnesium	24-2	476.51	478.77	484.46	479.92	0.85	ppb
Manganese	55-2	0.84	0.85	0.88	0.85	2.44	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	LLCCV02	Instrumnet Name :	P7
Client Sample ID :	LLCCV02	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:37:52	DataFile Name :	030LCSE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.96	2.07	2.02	2.02	2.80	ppb
Molybdenum	95-1	4.30	4.52	4.32	4.38	2.71	ppb
Molybdenum	96-1	3.80	4.00	3.83	3.87	2.77	ppb
Molybdenum	97-1	4.61	4.58	4.26	4.48	4.32	ppb
Molybdenum	98-1	4.49	4.44	4.33	4.42	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	0.93	0.98	0.95	2.40	ppb
Phosphorus	31-2	12.23	-5.05	-1.20	2.00	454.71	ppb
Potassium	39-2	502.35	481.15	504.04	495.85	2.57	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	6.86	3.45	2.33	4.21	56.03	ppb
Selenium	78-2	4.78	4.44	4.92	4.72	5.19	ppb
Selenium	82-1	4.94	4.37	3.91	4.41	11.71	ppb
Silicon	28-1	13.74	10.91	9.77	11.47	17.83	ppb
Silver	109-1	1.02	0.87	0.94	0.94	7.65	ppb
Silver	107-1	1.09	0.97	0.94	1.00	7.90	ppb
Sodium	23-2	520.89	513.39	533.80	522.69	1.98	ppb
Strontium	86-1	0.94	0.94	0.89	0.92	2.95	ppb
Strontium	88-1	0.91	0.92	0.93	0.92	1.07	ppb
Sulfur	34-1	528.40	123.70	145.68	265.93	85.58	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.86	0.84	0.83	0.84	1.89	ppb
Thallium	205-1	0.95	0.87	0.86	0.89	5.43	ppb
Tin	118-1	4.81	4.49	4.49	4.60	4.00	ppb
Titanium	47-1	4.93	3.91	4.59	4.48	11.60	ppb
Uranium	238-1	0.84	0.80	0.86	0.83	3.38	ppb
Vanadium	51-2	4.85	4.58	4.68	4.70	2.87	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	2.32	2.05	1.96	2.11	9.02	ppb
Zirconium	90-1	1.04	1.02	1.01	1.02	1.72	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	LLCCV02	Instrumnet Name :	P7
Client Sample ID :	LLCCV02	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:37:52	DataFile Name :	030LCSE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.95	1.06	0.92	0.97	7.39	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCB099	Instrumnet Name :	P7
Client Sample ID :	CCB099	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:41:19	DataFile Name :	031CCBE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.78	0.97	1.38	1.04	29.32	ppb
Antimony	121-1	0.07	0.08	0.06	0.07	10.71	ppb
Arsenic	75-2	-0.01	-0.01	0.02	0.00	2083.93	ppb
Barium	135-1	-0.07	-0.05	-0.06	-0.06		ppb
Barium	137-1	-0.04	-0.01	-0.06	-0.03		ppb
Beryllium	9-1	0.02	0.01	0.03	0.02	57.67	ppb
Bismuth	209-1				102		%
Bismuth	209-2				96		%
Boron	10-1	1.71	1.31	1.65	1.56	13.84	ppb
Boron	11-1	1.82	1.60	1.55	1.65	8.76	ppb
Cadmium	111-1	0.02	-0.09	0.00	-0.02		ppb
Cadmium	106-1	0.10	-1.14	-0.07	-0.37		ppb
Cadmium	108-1	-0.17	-0.11	-0.17	-0.15		ppb
Calcium	43-1	-0.11	-6.54	-7.59	-4.75		ppb
Calcium	44-1	7.44	7.13	2.85	5.81	44.19	ppb
Chromium	52-2	0.07	0.07	0.01	0.05	63.13	ppb
Cobalt	59-2	-0.03	-0.02	-0.01	-0.02		ppb
Copper	63-2	-0.31	-0.23	-0.24	-0.26		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				104		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	0.98	1.08	1.34	1.14	16.29	ppb
Iron	57-2	0.22	3.73	1.06	1.67	109.49	ppb
Lead	206-1	0.00	0.02	0.03	0.01	86.07	ppb
Lead	207-1	0.00	0.02	0.00	0.01	195.10	ppb
Lead	208-1	0.02	0.03	0.02	0.02	19.66	ppb
Lithium	6-1				99		%
Magnesium	24-2	0.09	1.00	-0.14	0.31	191.30	ppb
Manganese	55-2	-0.11	-0.11	-0.10	-0.11		ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCB099	Instrumnet Name :	P7
Client Sample ID :	CCB099	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:41:19	DataFile Name :	031CCBE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.05	0.02	0.03	48.31	ppb
Molybdenum	95-1	0.02	0.05	0.01	0.02	89.75	ppb
Molybdenum	96-1	0.00	0.00	0.05	0.02	178.86	ppb
Molybdenum	97-1	0.01	0.04	0.03	0.03	54.55	ppb
Molybdenum	98-1	0.02	0.01	0.04	0.02	63.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.01	0.04	0.01	259.83	ppb
Phosphorus	31-2	-7.81	-4.55	-25.40	-12.58		ppb
Potassium	39-2	32.73	18.99	19.32	23.68	33.11	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.99	0.95	0.94	0.96	2.57	ppb
Selenium	82-1	-0.20	-0.35	-0.14	-0.23		ppb
Silicon	28-1	1.04	1.68	-1.86	0.29	659.27	ppb
Silver	109-1	0.00	0.00	0.00	0.00	210.41	ppb
Silver	107-1	0.01	0.01	0.00	0.00	98.36	ppb
Sodium	23-2	24.83	26.98	22.78	24.86	8.45	ppb
Strontium	86-1	0.00	0.07	0.02	0.03	121.82	ppb
Strontium	88-1	0.00	0.01	0.01	0.01	68.19	ppb
Sulfur	34-1	606.09	825.66	210.74	547.50	56.92	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	0.00	0.01	0.01	0.01	82.20	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	204.10	ppb
Tin	118-1	0.08	0.08	0.09	0.08	3.38	ppb
Titanium	47-1	0.04	-0.04	0.01	0.00	1641.85	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	-0.13	-0.13	-0.16	-0.14		ppb
Zirconium	90-1	0.03	0.03	0.05	0.04	24.00	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCB099	Instrumnet Name :	P7
Client Sample ID :	CCB099	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:41:19	DataFile Name :	031CCBE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.00	0.01	0.02	135.39	ppb

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : PB103815BL Instrumnet Name : P7
 Client Sample ID : PB103815BL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 18:48:13 DataFile Name : 033_SPK_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.07	0.54	1.57	0.68	121.43	ppb
Antimony	121-1	0.02	0.01	0.04	0.02	60.03	ppb
Arsenic	75-2	-0.02	0.00	-0.03	-0.02		ppb
Barium	135-1	-0.07	-0.10	-0.06	-0.07		ppb
Barium	137-1	-0.06	-0.04	-0.03	-0.04		ppb
Beryllium	9-1	0.00	0.05	0.01	0.02	149.46	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	10-1	1.10	0.37	0.91	0.80	47.24	ppb
Boron	11-1	1.18	1.38	0.98	1.18	16.65	ppb
Cadmium	111-1	-0.24	-0.10	-0.18	-0.17		ppb
Cadmium	106-1	-3.17	-1.30	-2.44	-2.30		ppb
Cadmium	108-1	-0.17	-0.17	-0.11	-0.15		ppb
Calcium	43-1	0.36	-0.34	-0.22	-0.07		ppb
Calcium	44-1	6.46	0.40	6.25	4.37	78.80	ppb
Chromium	52-2	0.09	0.11	0.10	0.10	13.85	ppb
Cobalt	59-2	-0.02	-0.03	-0.03	-0.03		ppb
Copper	63-2	-0.36	-0.33	-0.24	-0.31		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				100		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	0.60	0.78	1.03	0.81	26.50	ppb
Iron	57-2	2.67	1.00	0.08	1.25	104.62	ppb
Lead	206-1	0.00	0.01	0.03	0.01	100.12	ppb
Lead	207-1	0.00	-0.01	0.00	-0.01		ppb
Lead	208-1	0.01	0.01	0.02	0.01	18.04	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.94	0.00	0.51	0.48	98.00	ppb
Manganese	55-2	-0.11	-0.08	-0.12	-0.10		ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103815BL	Instrumnet Name :	P7
Client Sample ID :	PB103815BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:48:13	DataFile Name :	033_SPK_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.00	0.02	0.01	64.50	ppb
Molybdenum	95-1	0.01	0.00	0.02	0.01	113.67	ppb
Molybdenum	96-1	0.00	0.02	-0.02	0.00	4234.50	ppb
Molybdenum	97-1	0.01	0.03	0.00	0.01	131.71	ppb
Molybdenum	98-1	0.00	0.03	0.02	0.02	74.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.08	0.03	0.04	105.00	ppb
Phosphorus	31-2	-11.71	-1.55	12.21	-0.35		ppb
Potassium	39-2	14.79	17.99	17.44	16.74	10.23	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.36	0.50	0.31	0.39	25.44	ppb
Selenium	82-1	-0.84	-0.77	0.39	-0.41		ppb
Silicon	28-1	-0.26	-1.20	1.38	-0.03		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.02	0.00	0.01	0.01	104.02	ppb
Sodium	23-2	15.93	16.85	17.90	16.89	5.85	ppb
Strontium	86-1	0.09	0.05	0.05	0.06	41.31	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	212.09	ppb
Sulfur	34-1	589.71	448.93	439.87	492.84	17.05	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.01	0.00	0.00	408.32	ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	0.06	0.04	0.04	0.05	25.64	ppb
Titanium	47-1	-0.05	0.02	-0.05	-0.03		ppb
Uranium	238-1	0.00	0.00	-0.01	0.00		ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	-0.27	-0.29	-0.34	-0.30		ppb
Zirconium	90-1	0.04	0.03	0.02	0.03	31.23	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103815BL	Instrumnet Name :	P7
Client Sample ID :	PB103815BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:48:13	DataFile Name :	033_SPK_P7102817 MS

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

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : I5275-05 Instrumnet Name : P7
 Client Sample ID : LOD-WATER-05-QT4-20 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 18:51:40 DataFile Name : 034_SPK_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.89	11.93	10.46	11.09	6.81	ppb
Antimony	121-1	0.41	0.35	0.36	0.37	8.58	ppb
Arsenic	75-2	0.37	0.42	0.34	0.38	9.82	ppb
Barium	135-1	1.84	1.79	1.74	1.79	2.78	ppb
Barium	137-1	2.02	2.03	2.32	2.12	8.11	ppb
Beryllium	9-1	0.45	0.38	0.40	0.41	8.63	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	1.98	2.80	2.19	2.33	18.20	ppb
Boron	11-1	2.86	2.75	2.69	2.77	3.06	ppb
Cadmium	111-1	0.49	0.24	0.33	0.35	36.52	ppb
Cadmium	106-1	0.42	-1.45	-1.50	-0.84		ppb
Cadmium	108-1	0.27	0.39	0.02	0.23	83.91	ppb
Calcium	43-1	42.11	38.78	38.29	39.73	5.23	ppb
Calcium	44-1	47.96	46.67	45.75	46.80	2.36	ppb
Chromium	52-2	0.66	0.58	0.50	0.58	14.14	ppb
Cobalt	59-2	0.39	0.41	0.44	0.41	6.62	ppb
Copper	63-2	0.83	0.77	0.79	0.80	3.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	24.94	24.21	23.95	24.37	2.11	ppb
Iron	57-2	23.72	22.33	23.45	23.17	3.19	ppb
Lead	206-1	0.41	0.36	0.38	0.38	6.69	ppb
Lead	207-1	0.50	0.34	0.43	0.42	19.23	ppb
Lead	208-1	0.45	0.37	0.41	0.41	9.07	ppb
Lithium	6-1				99		%
Magnesium	24-2	43.06	44.04	40.46	42.52	4.35	ppb
Manganese	55-2	0.71	0.76	0.67	0.71	5.80	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I5275-05	Instrumnet Name :	P7
Client Sample ID :	LOD-WATER-05-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:51:40	DataFile Name :	034_SPK_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.40	0.37	0.34	0.37	8.71	ppb
Molybdenum	95-1	0.41	0.42	0.42	0.42	1.22	ppb
Molybdenum	96-1	0.42	0.42	0.43	0.42	1.17	ppb
Molybdenum	97-1	0.40	0.39	0.51	0.43	15.82	ppb
Molybdenum	98-1	0.40	0.40	0.34	0.38	9.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.38	0.52	0.33	0.41	24.07	ppb
Phosphorus	31-2	26.34	5.68	15.94	15.99	64.62	ppb
Potassium	39-2	30.62	34.38	39.14	34.71	12.30	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	2.30	2.29	2.29	2.30	0.20	ppb
Selenium	78-2	2.10	2.86	2.47	2.48	15.34	ppb
Selenium	82-1	3.00	2.39	2.20	2.53	16.52	ppb
Silicon	28-1	4.64	3.26	1.84	3.25	43.12	ppb
Silver	109-1	0.46	0.40	0.38	0.41	9.47	ppb
Silver	107-1	0.39	0.40	0.45	0.41	8.61	ppb
Sodium	23-2	80.70	80.89	80.11	80.57	0.50	ppb
Strontium	86-1	0.42	0.53	0.42	0.46	13.99	ppb
Strontium	88-1	0.40	0.40	0.39	0.40	0.56	ppb
Sulfur	34-1	499.91	350.14	228.98	359.68	37.73	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.41	0.38	0.38	0.39	3.68	ppb
Thallium	205-1	0.39	0.40	0.42	0.41	3.17	ppb
Tin	118-1	0.53	0.51	0.46	0.50	6.62	ppb
Titanium	47-1	0.57	0.30	0.40	0.42	32.32	ppb
Uranium	238-1	0.36	0.38	0.39	0.38	4.07	ppb
Vanadium	51-2	0.35	0.42	0.43	0.40	10.44	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	0.64	0.42	0.89	0.65	35.84	ppb
Zirconium	90-1	0.34	0.34	0.36	0.35	3.17	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I5275-05	Instrumnet Name :	P7
Client Sample ID :	LOD-WATER-05-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:51:40	DataFile Name :	034_SPK_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.32	0.34	0.36	0.34	6.04	ppb

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : I5275-06 Instrumnet Name : P7
 Client Sample ID : LOQ-WATER-06-QT4-20 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 18:55:08 DataFile Name : 035_SPK_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.12	38.32	41.82	39.42	5.28	ppb
Antimony	121-1	3.77	3.87	3.72	3.79	2.10	ppb
Arsenic	75-2	1.88	2.20	1.81	1.96	10.71	ppb
Barium	135-1	18.80	17.79	18.12	18.23	2.84	ppb
Barium	137-1	18.59	18.48	18.94	18.67	1.30	ppb
Beryllium	9-1	1.73	2.15	1.88	1.92	10.98	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	41.09	44.73	41.54	42.45	4.67	ppb
Boron	11-1	43.74	42.82	42.76	43.10	1.28	ppb
Cadmium	111-1	1.97	1.83	1.70	1.83	7.38	ppb
Cadmium	106-1	2.78	1.63	0.39	1.60	74.60	ppb
Cadmium	108-1	1.77	1.81	1.94	1.84	5.06	ppb
Calcium	43-1	922.33	905.92	931.94	920.06	1.43	ppb
Calcium	44-1	946.87	944.32	948.22	946.47	0.21	ppb
Chromium	52-2	4.18	3.90	4.16	4.08	3.93	ppb
Cobalt	59-2	1.77	1.97	1.99	1.91	6.47	ppb
Copper	63-2	4.02	4.06	3.86	3.98	2.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	109.96	107.34	107.50	108.26	1.36	ppb
Iron	57-2	114.53	105.21	106.59	108.78	4.62	ppb
Lead	206-1	2.00	2.04	1.96	2.00	1.82	ppb
Lead	207-1	1.94	1.88	1.85	1.89	2.21	ppb
Lead	208-1	1.95	1.89	1.92	1.92	1.59	ppb
Lithium	6-1				98		%
Magnesium	24-2	967.25	971.72	954.80	964.59	0.91	ppb
Manganese	55-2	2.17	1.89	1.88	1.98	8.11	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I5275-06	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-06-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:55:08	DataFile Name :	035_SPK_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.24	4.22	4.08	4.18	2.03	ppb
Molybdenum	95-1	9.30	9.86	8.99	9.38	4.70	ppb
Molybdenum	96-1	8.11	7.99	8.26	8.12	1.71	ppb
Molybdenum	97-1	9.17	9.09	9.06	9.11	0.61	ppb
Molybdenum	98-1	9.40	9.03	9.36	9.26	2.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.04	2.16	2.10	2.10	2.82	ppb
Phosphorus	31-2	9.46	15.93	15.92	13.77	27.11	ppb
Potassium	39-2	960.23	962.91	968.01	963.71	0.41	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	3.50	6.88	11.50	7.30	55.06	ppb
Selenium	78-2	13.05	10.04	11.06	11.38	13.45	ppb
Selenium	82-1	10.17	9.57	8.96	9.56	6.33	ppb
Silicon	28-1	28.45	28.05	30.34	28.95	4.21	ppb
Silver	109-1	2.00	2.05	1.94	2.00	2.89	ppb
Silver	107-1	2.07	2.03	1.98	2.03	2.24	ppb
Sodium	23-2	1032.28	1024.48	1019.67	1025.48	0.62	ppb
Strontium	86-1	2.04	2.03	1.90	1.99	4.02	ppb
Strontium	88-1	1.90	1.93	1.97	1.94	1.67	ppb
Sulfur	34-1	178.86	197.63	442.21	272.90	53.84	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	2.12	1.73	1.95	1.93	10.17	ppb
Thallium	205-1	2.01	1.89	1.90	1.93	3.44	ppb
Tin	118-1	9.86	9.59	9.75	9.73	1.37	ppb
Titanium	47-1	9.14	9.04	8.98	9.05	0.87	ppb
Uranium	238-1	1.83	1.71	1.74	1.76	3.47	ppb
Vanadium	51-2	9.49	9.26	9.22	9.32	1.53	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	4.14	3.98	4.03	4.05	2.04	ppb
Zirconium	90-1	1.98	1.85	1.96	1.93	3.56	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I5275-06	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-06-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:55:08	DataFile Name :	035_SPK_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.02	2.00	1.93	1.99	2.49	ppb

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : PB103816BL Instrumnet Name : P7
 Client Sample ID : PB103816BL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 18:58:35 DataFile Name : 036CCBE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.06	0.14	0.35	0.14	145.76	ppb
Antimony	121-1	0.01	-0.01	0.00	0.00	455.30	ppb
Arsenic	75-2	0.01	-0.01	-0.03	-0.01		ppb
Barium	135-1	-0.09	-0.07	-0.07	-0.07		ppb
Barium	137-1	-0.03	-0.02	-0.05	-0.04		ppb
Beryllium	9-1	0.07	0.01	0.00	0.03	135.10	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	0.98	2.06	1.11	1.38	42.72	ppb
Boron	11-1	1.85	1.86	1.49	1.73	12.13	ppb
Cadmium	111-1	-0.19	-0.06	-0.05	-0.10		ppb
Cadmium	106-1	-2.47	-0.70	-0.69	-1.29		ppb
Cadmium	108-1	-0.17	0.02	-0.17	-0.11		ppb
Calcium	43-1	-5.59	-6.84	1.30	-3.71		ppb
Calcium	44-1	1.27	2.11	3.90	2.43	55.37	ppb
Chromium	52-2	0.09	0.16	0.04	0.10	58.08	ppb
Cobalt	59-2	-0.04	-0.03	-0.04	-0.03		ppb
Copper	63-2	-0.21	-0.23	-0.26	-0.24		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				103		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	0.69	0.66	0.71	0.69	4.16	ppb
Iron	57-2	0.24	0.34	-0.52	0.02	2246.62	ppb
Lead	206-1	0.05	-0.01	0.00	0.01	235.63	ppb
Lead	207-1	0.01	-0.02	-0.01	-0.01		ppb
Lead	208-1	0.02	-0.01	0.01	0.01	142.63	ppb
Lithium	6-1				99		%
Magnesium	24-2	-0.68	0.44	0.51	0.09	746.79	ppb
Manganese	55-2	-0.12	-0.11	-0.10	-0.11		ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103816BL	Instrumnet Name :	P7
Client Sample ID :	PB103816BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:58:35	DataFile Name :	036CCBE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.01	0.00	0.00	265.31	ppb
Molybdenum	95-1	0.00	0.01	0.01	0.01	54.52	ppb
Molybdenum	96-1	0.00	0.01	-0.01	0.00		ppb
Molybdenum	97-1	0.02	0.02	0.01	0.02	38.19	ppb
Molybdenum	98-1	0.01	0.00	0.01	0.01	98.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	-0.02	-0.02		ppb
Phosphorus	31-2	2.79	-4.80	-18.36	-6.79		ppb
Potassium	39-2	18.27	16.02	20.79	18.36	13.00	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.01	0.79	0.56	0.46	87.82	ppb
Selenium	82-1	-0.32	-0.09	0.52	0.04	1160.79	ppb
Silicon	28-1	0.57	7.85	0.89	3.10	132.63	ppb
Silver	109-1	0.01	0.00	0.00	0.00	281.89	ppb
Silver	107-1	0.00	0.00	0.00	0.00	44.79	ppb
Sodium	23-2	17.43	14.11	17.02	16.19	11.16	ppb
Strontium	86-1	0.00	0.07	0.06	0.04	77.95	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	5.01	ppb
Sulfur	34-1	563.32	301.69	245.02	370.01	45.89	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.00	-0.02	0.01	0.00		ppb
Thallium	205-1	0.00	-0.02	-0.01	-0.01		ppb
Tin	118-1	0.05	0.07	0.04	0.05	20.21	ppb
Titanium	47-1	-0.08	0.02	0.06	0.00	2599.68	ppb
Uranium	238-1	-0.01	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	-0.27	-0.26	-0.31	-0.28		ppb
Zirconium	90-1	0.03	0.03	0.02	0.02	32.71	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103816BL	Instrumnet Name :	P7
Client Sample ID :	PB103816BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:58:35	DataFile Name :	036CCBE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	-0.01	0.06	0.01	368.75	ppb

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : I5275-05RE Instrumnet Name : P7
 Client Sample ID : LOD-WATER-05-QT4-20 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 19:02:03 DataFile Name : 037SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.57	7.87	9.14	9.19	14.66	ppb
Antimony	121-1	0.41	0.29	0.31	0.34	18.67	ppb
Arsenic	75-2	0.46	0.27	0.36	0.36	25.32	ppb
Barium	135-1	1.86	1.72	1.77	1.78	3.90	ppb
Barium	137-1	2.00	2.06	2.14	2.07	3.54	ppb
Beryllium	9-1	0.38	0.36	0.44	0.39	10.77	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	3.38	2.14	3.19	2.90	23.03	ppb
Boron	11-1	3.19	2.82	2.81	2.94	7.43	ppb
Cadmium	111-1	0.39	0.19	0.31	0.30	33.89	ppb
Cadmium	106-1	0.35	-1.42	-0.47	-0.52		ppb
Cadmium	108-1	0.67	0.34	0.26	0.42	50.72	ppb
Calcium	43-1	52.59	45.03	35.31	44.31	19.55	ppb
Calcium	44-1	45.71	43.58	41.24	43.51	5.15	ppb
Chromium	52-2	0.47	0.51	0.62	0.53	14.41	ppb
Cobalt	59-2	0.38	0.40	0.42	0.40	4.32	ppb
Copper	63-2	0.82	0.84	0.90	0.85	4.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	24.43	23.92	25.08	24.47	2.37	ppb
Iron	57-2	22.38	20.47	24.79	22.54	9.60	ppb
Lead	206-1	0.43	0.49	0.45	0.45	7.50	ppb
Lead	207-1	0.36	0.37	0.36	0.37	2.10	ppb
Lead	208-1	0.41	0.42	0.42	0.41	1.02	ppb
Lithium	6-1				99		%
Magnesium	24-2	44.83	45.55	47.57	45.98	3.09	ppb
Manganese	55-2	0.70	0.70	0.67	0.69	2.90	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I5275-05RE	Instrumnet Name :	P7
Client Sample ID :	LOD-WATER-05-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 19:02:03	DataFile Name :	037SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.41	0.40	0.32	0.38	13.35	ppb
Molybdenum	95-1	0.41	0.42	0.40	0.41	2.61	ppb
Molybdenum	96-1	0.44	0.31	0.39	0.38	16.58	ppb
Molybdenum	97-1	0.31	0.41	0.38	0.37	13.43	ppb
Molybdenum	98-1	0.36	0.37	0.39	0.37	3.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.40	0.37	0.35	0.38	6.69	ppb
Phosphorus	31-2	17.28	19.97	6.06	14.44	51.12	ppb
Potassium	39-2	41.10	39.80	31.80	37.57	13.41	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	77-2	4.64	2.32	2.31	3.09	43.40	ppb
Selenium	78-2	1.76	4.31	0.96	2.34	74.63	ppb
Selenium	82-1	1.80	1.96	1.94	1.90	4.57	ppb
Silicon	28-1	2.61	2.35	0.08	1.68	82.87	ppb
Silver	109-1	0.46	0.43	0.42	0.44	4.29	ppb
Silver	107-1	0.40	0.41	0.37	0.39	5.72	ppb
Sodium	23-2	64.36	60.46	63.88	62.90	3.39	ppb
Strontium	86-1	0.38	0.47	0.43	0.42	10.46	ppb
Strontium	88-1	0.41	0.46	0.43	0.43	5.50	ppb
Sulfur	34-1	820.76	936.44	678.82	812.01	15.89	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.39	0.39	0.43	0.40	6.16	ppb
Thallium	205-1	0.43	0.40	0.42	0.42	3.80	ppb
Tin	118-1	0.44	0.49	0.44	0.46	6.27	ppb
Titanium	47-1	0.29	0.43	0.39	0.37	18.72	ppb
Uranium	238-1	0.39	0.37	0.37	0.38	4.15	ppb
Vanadium	51-2	0.46	0.39	0.39	0.41	9.61	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	0.49	0.49	0.45	0.48	4.52	ppb
Zirconium	90-1	0.36	0.35	0.31	0.34	7.39	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I5275-05RE	Instrumnet Name :	P7
Client Sample ID :	LOD-WATER-05-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 19:02:03	DataFile Name :	037SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.37	0.41	0.32	0.36	12.84	ppb

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : I5275-06RE Instrumnet Name : P7
 Client Sample ID : LOQ-WATER-06-QT4-20 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 19:05:31 DataFile Name : 038SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43.59	38.19	42.76	41.51	7.00	ppb
Antimony	121-1	3.58	3.67	3.52	3.59	2.14	ppb
Arsenic	75-2	1.81	1.90	1.94	1.88	3.59	ppb
Barium	135-1	18.71	18.82	18.49	18.67	0.90	ppb
Barium	137-1	18.79	19.12	18.18	18.70	2.54	ppb
Beryllium	9-1	1.97	1.87	1.84	1.89	3.47	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	10-1	40.98	42.60	42.35	41.98	2.09	ppb
Boron	11-1	41.69	44.52	43.55	43.25	3.32	ppb
Cadmium	111-1	1.98	1.71	1.98	1.89	8.31	ppb
Cadmium	106-1	2.00	0.92	2.18	1.70	40.24	ppb
Cadmium	108-1	2.03	2.01	1.58	1.87	13.80	ppb
Calcium	43-1	887.68	917.11	873.63	892.80	2.49	ppb
Calcium	44-1	944.58	937.06	894.87	925.50	2.90	ppb
Chromium	52-2	4.08	4.28	4.03	4.13	3.18	ppb
Cobalt	59-2	1.93	1.94	1.97	1.95	1.04	ppb
Copper	63-2	3.79	3.93	3.87	3.86	1.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	56-2	105.80	107.78	108.55	107.38	1.32	ppb
Iron	57-2	96.02	107.67	106.90	103.53	6.29	ppb
Lead	206-1	1.92	1.90	1.83	1.88	2.42	ppb
Lead	207-1	1.85	1.96	1.76	1.85	5.36	ppb
Lead	208-1	1.96	1.91	1.81	1.89	4.03	ppb
Lithium	6-1				101		%
Magnesium	24-2	950.58	949.68	954.28	951.52	0.26	ppb
Manganese	55-2	1.88	1.99	1.94	1.94	2.89	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I5275-06RE	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-06-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 19:05:31	DataFile Name :	038SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.10	4.13	3.88	4.04	3.36	ppb
Molybdenum	95-1	9.51	9.69	8.91	9.37	4.37	ppb
Molybdenum	96-1	7.73	8.04	8.23	8.00	3.20	ppb
Molybdenum	97-1	9.05	9.54	8.80	9.13	4.10	ppb
Molybdenum	98-1	8.88	9.24	9.00	9.04	2.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.09	1.96	2.28	2.11	7.55	ppb
Phosphorus	31-2	-8.41	5.49	-1.22	-1.38		ppb
Potassium	39-2	951.00	958.21	955.58	954.93	0.38	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	7.90	5.72	4.60	6.07	27.58	ppb
Selenium	78-2	9.45	11.96	11.25	10.89	11.89	ppb
Selenium	82-1	9.64	9.15	9.42	9.41	2.61	ppb
Silicon	28-1	26.51	25.21	23.20	24.97	6.67	ppb
Silver	109-1	2.05	1.90	1.99	1.98	3.98	ppb
Silver	107-1	2.08	1.96	1.95	2.00	3.49	ppb
Sodium	23-2	1003.78	1009.85	1011.74	1008.45	0.41	ppb
Strontium	86-1	2.12	2.05	1.82	2.00	7.86	ppb
Strontium	88-1	1.90	1.86	1.84	1.87	1.58	ppb
Sulfur	34-1	743.31	910.43	669.44	774.39	15.94	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	1.96	1.82	1.76	1.84	5.46	ppb
Thallium	205-1	2.02	1.95	1.97	1.98	1.88	ppb
Tin	118-1	9.90	9.46	9.44	9.60	2.73	ppb
Titanium	47-1	9.39	9.11	8.31	8.94	6.28	ppb
Uranium	238-1	1.69	1.71	1.64	1.68	2.38	ppb
Vanadium	51-2	9.06	9.38	9.35	9.26	1.91	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	4.23	4.05	4.37	4.22	3.75	ppb
Zirconium	90-1	1.83	1.84	1.84	1.83	0.32	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I5275-06RE	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-06-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 19:05:31	DataFile Name :	038SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.82	1.84	1.84	1.84	0.54	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103817BLRE	Instrumnet Name :	P7
Client Sample ID :	PB103817BLRE	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 19:08:58	DataFile Name :	039CCBE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.34	0.35	0.76	0.48	49.74	ppb
Antimony	121-1	-0.02	-0.02	0.01	-0.01		ppb
Arsenic	75-2	-0.02	-0.02	0.00	-0.01		ppb
Barium	135-1	-0.06	-0.04	-0.04	-0.04		ppb
Barium	137-1	-0.05	-0.06	-0.02	-0.04		ppb
Beryllium	9-1	0.02	0.06	0.04	0.04	59.40	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	10-1	1.76	0.50	1.18	1.15	55.42	ppb
Boron	11-1	2.36	1.77	1.22	1.79	31.79	ppb
Cadmium	111-1	0.10	-0.14	-0.08	-0.04		ppb
Cadmium	106-1	1.33	-1.86	-1.00	-0.51		ppb
Cadmium	108-1	0.02	-0.17	-0.05	-0.07		ppb
Calcium	43-1	-8.00	-1.87	-0.13	-3.33		ppb
Calcium	44-1	5.98	5.08	3.79	4.95	22.25	ppb
Chromium	52-2	0.14	0.03	0.08	0.08	60.17	ppb
Cobalt	59-2	-0.04	-0.03	-0.03	-0.03		ppb
Copper	63-2	-0.31	-0.32	-0.31	-0.31		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				103		%
Indium	115-2				98		%
Iron	56-2	0.48	0.54	0.50	0.51	6.07	ppb
Iron	57-2	-0.63	0.39	-0.33	-0.19		ppb
Lead	206-1	0.01	0.00	0.05	0.02	122.43	ppb
Lead	207-1	0.02	-0.01	0.01	0.01	191.49	ppb
Lead	208-1	0.01	0.00	0.03	0.01	113.33	ppb
Lithium	6-1				99		%
Magnesium	24-2	1.68	1.50	1.91	1.70	12.08	ppb
Manganese	55-2	-0.10	-0.10	-0.12	-0.11		ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103817BLRE	Instrumnet Name :	P7
Client Sample ID :	PB103817BLRE	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 19:08:58	DataFile Name :	039CCBE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.01	0.00	0.00	163.09	ppb
Molybdenum	95-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.01	0.00	0.01	0.00	40.64	ppb
Molybdenum	97-1	0.02	0.04	0.01	0.02	63.38	ppb
Molybdenum	98-1	0.00	0.00	0.01	0.01	54.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	-0.03	0.00	2011.91	ppb
Phosphorus	31-2	-15.19	-1.11	-1.21	-5.84		ppb
Potassium	39-2	25.53	19.59	12.59	19.24	33.68	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.96	1.71	1.10	1.26	32.10	ppb
Selenium	82-1	-0.82	-0.36	-0.76	-0.65		ppb
Silicon	28-1	4.03	0.15	0.05	1.41	160.92	ppb
Silver	109-1	0.00	0.01	0.00	0.00	69.95	ppb
Silver	107-1	-0.01	0.00	0.01	0.00	683.03	ppb
Sodium	23-2	16.37	17.64	13.22	15.74	14.45	ppb
Strontium	86-1	0.00	0.08	0.02	0.03	134.26	ppb
Strontium	88-1	0.00	0.01	0.00	0.00	65.48	ppb
Sulfur	34-1	1171.74	1117.48	784.65	1024.63	20.45	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	-0.01	-0.02	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.06	0.04	0.05	0.05	26.71	ppb
Titanium	47-1	-0.08	0.00	0.01	-0.02		ppb
Uranium	238-1	-0.01	0.00	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	6874.12	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	-0.29	0.03	-0.33	-0.20		ppb
Zirconium	90-1	0.02	0.03	0.01	0.02	41.97	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103817BLRE	Instrumnet Name :	P7
Client Sample ID :	PB103817BLRE	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 19:08:58	DataFile Name :	039CCBE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	-0.01	0.01	0.00	395.76	ppb

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : I5275-01RE Instrumnet Name : P7
 Client Sample ID : LOD-SOIL-01-QT4-2017I Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 19:12:25 DataFile Name : 040SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.41	5.84	8.95	7.07	23.45	ppb
Antimony	121-1	0.31	0.39	0.34	0.34	11.57	ppb
Arsenic	75-2	0.45	0.37	0.22	0.34	33.31	ppb
Barium	135-1	2.40	1.95	2.19	2.18	10.38	ppb
Barium	137-1	1.99	1.91	2.04	1.98	3.39	ppb
Beryllium	9-1	0.40	0.40	0.33	0.38	10.05	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	10-1	2.54	1.77	2.49	2.27	18.96	ppb
Boron	11-1	2.48	2.99	2.64	2.71	9.59	ppb
Cadmium	111-1	0.32	0.48	0.38	0.39	20.92	ppb
Cadmium	106-1	-0.46	0.46	-0.20	-0.06		ppb
Cadmium	108-1	0.52	0.14	0.40	0.35	54.65	ppb
Calcium	43-1	40.64	43.07	43.49	42.40	3.63	ppb
Calcium	44-1	41.57	45.39	40.85	42.60	5.73	ppb
Chromium	52-2	0.57	0.46	0.57	0.54	11.85	ppb
Cobalt	59-2	0.46	0.39	0.39	0.41	9.44	ppb
Copper	63-2	0.71	0.70	0.64	0.68	5.38	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				104		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	56-2	24.54	24.30	24.21	24.35	0.71	ppb
Iron	57-2	20.44	22.16	23.26	21.95	6.46	ppb
Lead	206-1	0.45	0.36	0.41	0.41	10.82	ppb
Lead	207-1	0.41	0.36	0.42	0.39	8.36	ppb
Lead	208-1	0.43	0.40	0.39	0.41	4.39	ppb
Lithium	6-1				100		%
Magnesium	24-2	43.78	44.10	47.41	45.10	4.46	ppb
Manganese	55-2	0.62	0.60	0.68	0.63	6.86	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I5275-01RE	Instrumnet Name :	P7
Client Sample ID :	LOD-SOIL-01-QT4-2017I	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 19:12:25	DataFile Name :	040SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.35	0.37	0.37	0.36	3.46	ppb
Molybdenum	95-1	0.40	0.46	0.52	0.46	12.93	ppb
Molybdenum	96-1	0.38	0.35	0.41	0.38	7.53	ppb
Molybdenum	97-1	0.33	0.45	0.42	0.40	15.01	ppb
Molybdenum	98-1	0.40	0.35	0.42	0.39	9.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.36	0.47	0.41	0.41	13.94	ppb
Phosphorus	31-2	19.92	5.18	1.95	9.02	106.26	ppb
Potassium	39-2	47.09	39.19	33.34	39.87	17.31	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	1.16	4.58	3.41	3.05	56.96	ppb
Selenium	78-2	2.75	3.05	3.20	3.00	7.66	ppb
Selenium	82-1	1.88	1.16	2.23	1.76	30.91	ppb
Silicon	28-1	0.19	-1.19	-0.06	-0.35		ppb
Silver	109-1	0.41	0.43	0.44	0.43	3.03	ppb
Silver	107-1	0.40	0.42	0.39	0.41	4.15	ppb
Sodium	23-2	58.29	56.76	51.20	55.42	6.73	ppb
Strontium	86-1	0.52	0.57	0.33	0.47	26.62	ppb
Strontium	88-1	0.44	0.42	0.40	0.42	5.08	ppb
Sulfur	34-1	571.14	658.52	682.31	637.32	9.18	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.39	0.42	0.41	0.41	3.07	ppb
Thallium	205-1	0.38	0.35	0.38	0.37	4.62	ppb
Tin	118-1	0.37	0.43	0.71	0.50	35.38	ppb
Titanium	47-1	0.44	0.35	0.38	0.39	11.20	ppb
Uranium	238-1	0.34	0.36	0.39	0.36	7.12	ppb
Vanadium	51-2	0.45	0.43	0.44	0.44	3.05	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	0.73	0.44	0.30	0.49	43.74	ppb
Zirconium	90-1	0.38	0.37	0.34	0.36	6.16	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I5275-01RE	Instrumnet Name :	P7
Client Sample ID :	LOD-SOIL-01-QT4-2017I	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 19:12:25	DataFile Name :	040SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.27	0.33	0.38	0.33	16.72	ppb

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : CRIRE Instrumnet Name : P7
 Client Sample ID : CRIRE Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 19:22:42 DataFile Name : 043SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.65	21.83	18.87	19.78	8.99	ppb
Antimony	121-1	1.79	1.80	1.79	1.79	0.44	ppb
Arsenic	75-2	0.71	1.07	1.04	0.94	21.50	ppb
Barium	135-1	8.69	8.98	9.32	9.00	3.48	ppb
Barium	137-1	9.52	9.24	9.16	9.30	2.02	ppb
Beryllium	9-1	0.92	1.00	0.82	0.91	10.26	ppb
Bismuth	209-1				106		%
Bismuth	209-2				97		%
Boron	10-1	20.32	21.15	19.11	20.19	5.06	ppb
Boron	11-1	20.01	22.70	21.12	21.28	6.35	ppb
Cadmium	111-1	1.10	0.74	0.95	0.93	19.51	ppb
Cadmium	106-1	1.78	0.52	0.04	0.78	115.68	ppb
Cadmium	108-1	0.95	0.90	0.64	0.83	20.10	ppb
Calcium	43-1	444.72	465.28	456.44	455.48	2.26	ppb
Calcium	44-1	454.33	455.93	448.13	452.80	0.91	ppb
Chromium	52-2	2.14	2.01	2.27	2.14	6.23	ppb
Cobalt	59-2	0.94	0.96	0.97	0.96	1.37	ppb
Copper	63-2	1.99	1.93	1.89	1.94	2.62	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				106		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	56-2	54.53	52.75	54.70	53.99	2.00	ppb
Iron	57-2	52.15	52.96	59.31	54.81	7.16	ppb
Lead	206-1	0.93	0.95	0.85	0.91	5.66	ppb
Lead	207-1	0.87	0.84	0.81	0.84	3.84	ppb
Lead	208-1	0.95	0.90	0.86	0.90	5.35	ppb
Lithium	6-1				101		%
Magnesium	24-2	474.98	484.89	484.67	481.51	1.18	ppb
Manganese	55-2	0.96	1.00	1.02	0.99	2.88	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 19:22:42	DataFile Name :	043SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.98	1.97	1.88	1.94	2.77	ppb
Molybdenum	95-1	4.71	4.47	4.30	4.49	4.65	ppb
Molybdenum	96-1	3.86	4.04	3.92	3.94	2.31	ppb
Molybdenum	97-1	4.85	4.71	4.40	4.65	5.03	ppb
Molybdenum	98-1	4.60	4.51	4.42	4.51	2.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.92	1.01	1.09	1.01	8.17	ppb
Phosphorus	31-2	5.86	-11.60	5.88	0.05	22254.18	ppb
Potassium	39-2	487.87	475.30	486.39	483.19	1.42	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	77-2	5.76	0.00	1.13	2.30	132.84	ppb
Selenium	78-2	7.96	7.77	4.52	6.75	28.66	ppb
Selenium	82-1	4.25	4.41	4.58	4.41	3.71	ppb
Silicon	28-1	9.09	9.49	9.90	9.49	4.28	ppb
Silver	109-1	1.09	0.94	0.95	0.99	8.05	ppb
Silver	107-1	0.93	0.97	1.02	0.97	4.83	ppb
Sodium	23-2	506.93	504.98	515.75	509.22	1.13	ppb
Strontium	86-1	0.96	1.00	0.74	0.90	15.21	ppb
Strontium	88-1	0.99	0.95	0.93	0.96	3.02	ppb
Sulfur	34-1	490.29	474.59	582.92	515.94	11.35	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.89	0.96	0.91	0.92	3.75	ppb
Thallium	205-1	0.90	0.93	0.84	0.89	5.44	ppb
Tin	118-1	4.62	4.65	4.65	4.64	0.35	ppb
Titanium	47-1	4.64	4.20	4.08	4.31	6.89	ppb
Uranium	238-1	0.81	0.82	0.81	0.81	0.46	ppb
Vanadium	51-2	4.75	4.52	4.72	4.66	2.68	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	2.35	2.24	1.93	2.17	9.88	ppb
Zirconium	90-1	0.88	0.90	0.82	0.87	4.61	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 19:22:42	DataFile Name :	043SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.88	0.93	0.81	0.87	6.63	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 19:26:10	DataFile Name :	044CCV_P7102817 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49457.91	49009.65	48672.61	49046.73	0.80	ppb
Antimony	121-1	493.32	484.80	486.59	488.24	0.92	ppb
Arsenic	75-2	498.97	492.29	499.05	496.77	0.78	ppb
Barium	135-1	2500.53	2440.85	2457.27	2466.22	1.25	ppb
Barium	137-1	2524.72	2530.49	2519.56	2524.92	0.22	ppb
Beryllium	9-1	519.68	516.64	509.16	515.16	1.05	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Boron	10-1	505.15	517.35	515.20	512.57	1.27	ppb
Boron	11-1	499.23	504.91	511.30	505.15	1.20	ppb
Cadmium	111-1	500.78	485.38	496.62	494.26	1.61	ppb
Cadmium	106-1	512.91	495.94	506.45	505.10	1.70	ppb
Cadmium	108-1	498.50	497.23	494.63	496.79	0.40	ppb
Calcium	43-1	253637.50	251194.79	256355.62	253729.30	1.02	ppb
Calcium	44-1	251502.86	248018.59	254608.70	251376.71	1.31	ppb
Chromium	52-2	515.44	509.19	510.83	511.82	0.63	ppb
Cobalt	59-2	502.61	502.62	498.25	501.16	0.50	ppb
Copper	63-2	989.95	978.08	986.13	984.72	0.62	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				103		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	126119.63	123980.90	122956.91	124352.48	1.30	ppb
Iron	57-2	121807.71	120830.26	120713.68	121117.22	0.50	ppb
Lead	206-1	524.94	512.08	519.50	518.84	1.24	ppb
Lead	207-1	517.28	509.87	513.41	513.52	0.72	ppb
Lead	208-1	511.95	503.14	511.27	508.78	0.96	ppb
Lithium	6-1				97		%
Magnesium	24-2	250147.47	247983.16	247550.66	248560.43	0.56	ppb
Manganese	55-2	1010.60	1012.64	1010.79	1011.34	0.11	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 19:26:10	DataFile Name :	044CCV_P7102817 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	494.72	494.67	492.48	493.96	0.26	ppb
Molybdenum	95-1	508.88	502.95	506.15	505.99	0.59	ppb
Molybdenum	96-1	509.88	506.89	512.35	509.71	0.54	ppb
Molybdenum	97-1	503.93	496.81	503.25	501.33	0.78	ppb
Molybdenum	98-1	502.29	491.34	492.77	495.47	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.31	492.68	487.68	492.89	1.08	ppb
Phosphorus	31-2	10092.84	10325.24	9930.96	10116.35	1.96	ppb
Potassium	39-2	126444.67	124096.34	122105.20	124215.40	1.75	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	77-2	467.45	466.13	510.95	481.51	5.30	ppb
Selenium	78-2	477.60	477.28	500.43	485.10	2.74	ppb
Selenium	82-1	491.90	490.02	489.37	490.43	0.27	ppb
Silicon	28-1	528.27	526.23	536.43	530.31	1.02	ppb
Silver	109-1	492.86	477.38	485.53	485.26	1.60	ppb
Silver	107-1	488.60	471.74	488.26	482.87	2.00	ppb
Sodium	23-2	254530.54	251210.84	248922.83	251554.73	1.12	ppb
Strontium	86-1	519.83	515.69	520.32	518.61	0.49	ppb
Strontium	88-1	521.48	510.54	519.88	517.30	1.14	ppb
Sulfur	34-1	11026.30	10540.94	10901.07	10822.77	2.33	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	520.43	512.56	523.69	518.89	1.10	ppb
Thallium	205-1	511.98	516.85	513.05	513.96	0.50	ppb
Tin	118-1	518.41	499.70	508.03	508.71	1.84	ppb
Titanium	47-1	504.20	498.06	506.13	502.80	0.84	ppb
Uranium	238-1	517.09	510.40	513.59	513.69	0.65	ppb
Vanadium	51-2	509.89	505.92	508.80	508.20	0.40	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	965.28	964.12	964.72	964.71	0.06	ppb
Zirconium	90-1	503.03	499.37	499.72	500.70	0.40	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 19:26:10	DataFile Name :	044CCV_P7102817 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	511.48	502.58	503.40	505.82	0.97	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	LLCCV03	Instrumnet Name :	P7
Client Sample ID :	LLCCV03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 19:48:57	DataFile Name :	047LCSE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.98	20.77	21.33	20.36	6.03	ppb
Antimony	121-1	1.65	1.73	1.71	1.70	2.53	ppb
Arsenic	75-2	1.03	0.90	0.85	0.93	10.23	ppb
Barium	135-1	8.86	8.83	9.09	8.93	1.60	ppb
Barium	137-1	8.84	8.29	9.04	8.73	4.50	ppb
Beryllium	9-1	0.99	0.84	0.98	0.94	8.97	ppb
Bismuth	209-1				102		%
Bismuth	209-2				94		%
Boron	10-1	20.97	23.31	23.11	22.46	5.78	ppb
Boron	11-1	20.82	22.69	21.90	21.80	4.31	ppb
Cadmium	111-1	0.80	0.73	1.01	0.85	17.41	ppb
Cadmium	106-1	-0.10	0.29	0.95	0.38	140.65	ppb
Cadmium	108-1	0.65	1.02	1.11	0.93	26.58	ppb
Calcium	43-1	409.50	437.70	432.38	426.53	3.51	ppb
Calcium	44-1	449.17	444.37	449.59	447.71	0.65	ppb
Chromium	52-2	2.12	2.04	2.11	2.09	2.13	ppb
Cobalt	59-2	0.92	0.94	0.95	0.94	1.88	ppb
Copper	63-2	1.90	1.78	1.80	1.83	3.73	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				99		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	53.81	52.68	52.32	52.94	1.46	ppb
Iron	57-2	49.04	59.11	57.07	55.07	9.66	ppb
Lead	206-1	0.86	0.86	0.85	0.85	0.78	ppb
Lead	207-1	0.91	0.84	0.84	0.86	4.90	ppb
Lead	208-1	0.91	0.88	0.86	0.88	3.16	ppb
Lithium	6-1				99		%
Magnesium	24-2	489.03	471.34	467.97	476.11	2.38	ppb
Manganese	55-2	0.87	1.00	0.87	0.91	7.94	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	LLCCV03	Instrumnet Name :	P7
Client Sample ID :	LLCCV03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 19:48:57	DataFile Name :	047LCSE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.91	2.06	1.89	1.95	4.69	ppb
Molybdenum	95-1	4.59	4.34	4.29	4.41	3.68	ppb
Molybdenum	96-1	3.88	3.83	3.80	3.84	1.04	ppb
Molybdenum	97-1	4.33	4.55	4.65	4.51	3.61	ppb
Molybdenum	98-1	4.41	4.19	4.47	4.36	3.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	1.01	1.08	1.07	5.22	ppb
Phosphorus	31-2	-10.79	23.85	2.35	5.14	340.44	ppb
Potassium	39-2	506.12	496.47	483.17	495.25	2.33	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	77-2	4.81	3.50	4.63	4.31	16.35	ppb
Selenium	78-2	3.76	6.34	6.45	5.51	27.56	ppb
Selenium	82-1	3.11	4.70	4.22	4.01	20.26	ppb
Silicon	28-1	12.15	13.31	12.55	12.67	4.66	ppb
Silver	109-1	0.95	0.88	1.06	0.97	9.22	ppb
Silver	107-1	0.87	0.99	0.93	0.93	6.24	ppb
Sodium	23-2	515.79	507.44	497.24	506.83	1.83	ppb
Strontium	86-1	0.98	1.14	0.77	0.96	19.57	ppb
Strontium	88-1	0.90	0.93	0.93	0.92	1.58	ppb
Sulfur	34-1	356.06	523.66	576.52	485.41	23.71	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	1.01	0.90	0.90	0.94	6.46	ppb
Thallium	205-1	0.90	0.93	0.85	0.89	4.01	ppb
Tin	118-1	4.31	4.73	4.64	4.56	4.82	ppb
Titanium	47-1	4.06	4.44	3.77	4.09	8.33	ppb
Uranium	238-1	0.82	0.80	0.81	0.81	1.40	ppb
Vanadium	51-2	4.54	4.59	4.74	4.63	2.28	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	1.57	1.64	1.79	1.66	6.57	ppb
Zirconium	90-1	0.86	0.91	0.94	0.90	4.07	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	LLCCV03	Instrumnet Name :	P7
Client Sample ID :	LLCCV03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 19:48:57	DataFile Name :	047LCSE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.83	0.80	0.79	0.81	2.57	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 19:52:26	DataFile Name :	048CCBE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.58	0.56	0.92	0.69	30.14	ppb
Antimony	121-1	0.03	0.01	0.01	0.02	67.64	ppb
Arsenic	75-2	-0.02	-0.01	0.00	-0.01		ppb
Barium	135-1	-0.06	-0.09	-0.07	-0.07		ppb
Barium	137-1	-0.05	-0.06	-0.05	-0.05		ppb
Beryllium	9-1	0.01	0.01	-0.01	0.00	218.90	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	10-1	1.67	0.55	0.69	0.97	62.69	ppb
Boron	11-1	1.45	1.67	1.23	1.45	15.22	ppb
Cadmium	111-1	-0.07	-0.02	0.01	-0.03		ppb
Cadmium	106-1	-0.96	-0.37	0.01	-0.44		ppb
Cadmium	108-1	-0.11	-0.11	-0.11	-0.11		ppb
Calcium	43-1	-0.35	-5.12	-4.42	-3.30		ppb
Calcium	44-1	1.53	1.47	1.17	1.39	13.96	ppb
Chromium	52-2	0.11	0.14	0.07	0.11	34.15	ppb
Cobalt	59-2	-0.03	-0.03	-0.03	-0.03		ppb
Copper	63-2	-0.25	-0.28	-0.34	-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				104		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	0.65	1.01	0.68	0.78	25.59	ppb
Iron	57-2	0.55	-0.56	0.17	0.05	1102.23	ppb
Lead	206-1	-0.01	-0.02	-0.02	-0.02		ppb
Lead	207-1	0.01	0.00	0.02	0.01	122.76	ppb
Lead	208-1	0.01	0.00	0.00	0.00	233.86	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.84	-0.13	-0.41	0.10	651.46	ppb
Manganese	55-2	-0.13	-0.11	-0.10	-0.11		ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 19:52:26	DataFile Name :	048CCBE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.00	0.01	0.01	86.62	ppb
Molybdenum	95-1	0.01	0.00	0.01	0.01	66.42	ppb
Molybdenum	96-1	0.01	-0.01	0.03	0.01	185.72	ppb
Molybdenum	97-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.01	0.00	0.01	0.01	101.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.04	-0.02	-0.03		ppb
Phosphorus	31-2	17.40	5.74	4.49	9.21	77.32	ppb
Potassium	39-2	25.90	16.11	5.87	15.96	62.74	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	1.17	0.00	0.00	0.39	173.21	ppb
Selenium	78-2	0.41	0.35	0.09	0.28	60.35	ppb
Selenium	82-1	-0.57	-0.17	-0.52	-0.42		ppb
Silicon	28-1	-0.92	-1.11	-0.83	-0.95		ppb
Silver	109-1	0.00	0.00	0.00	0.00	965.38	ppb
Silver	107-1	0.00	0.01	0.01	0.01	69.82	ppb
Sodium	23-2	19.28	16.64	15.00	16.98	12.72	ppb
Strontium	86-1	0.13	0.10	0.12	0.12	11.31	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	78.82	ppb
Sulfur	34-1	415.76	413.00	527.14	451.97	14.41	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.01	-0.01	-0.01	0.00		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.04	0.03	0.00	0.03	72.59	ppb
Titanium	47-1	0.02	0.02	0.01	0.02	36.84	ppb
Uranium	238-1	-0.01	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	-0.23	0.01	-0.12	-0.11		ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	16.71	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 19:52:26	DataFile Name :	048CCBE_P7102817 MS

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

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:24:48	DataFile Name :	049CCV_P7102817 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48582.93	49143.91	49594.28	49107.04	1.03	ppb
Antimony	121-1	458.44	463.63	468.75	463.61	1.11	ppb
Arsenic	75-2	498.75	503.21	497.48	499.81	0.60	ppb
Barium	135-1	2352.65	2354.91	2364.02	2357.19	0.26	ppb
Barium	137-1	2508.26	2491.59	2479.69	2493.18	0.58	ppb
Beryllium	9-1	504.38	516.18	515.07	511.88	1.27	ppb
Bismuth	209-1				95		%
Bismuth	209-2				92		%
Boron	10-1	494.30	501.91	506.64	500.95	1.24	ppb
Boron	11-1	492.32	508.30	514.43	505.02	2.26	ppb
Cadmium	111-1	466.39	470.69	473.64	470.24	0.78	ppb
Cadmium	106-1	469.33	472.63	485.26	475.74	1.77	ppb
Cadmium	108-1	478.16	476.19	473.44	475.93	0.50	ppb
Calcium	43-1	245857.09	246931.06	253978.14	248922.09	1.77	ppb
Calcium	44-1	243458.07	249543.85	249692.33	247564.75	1.44	ppb
Chromium	52-2	503.84	507.99	508.10	506.65	0.48	ppb
Cobalt	59-2	488.47	494.82	500.99	494.76	1.27	ppb
Copper	63-2	967.76	979.16	989.36	978.76	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	124040.69	125993.10	125362.95	125132.24	0.80	ppb
Iron	57-2	119894.69	120406.81	122393.68	120898.39	1.09	ppb
Lead	206-1	483.84	498.58	488.82	490.41	1.53	ppb
Lead	207-1	479.44	498.87	485.81	488.04	2.03	ppb
Lead	208-1	473.53	489.16	478.92	480.53	1.65	ppb
Lithium	6-1				94		%
Magnesium	24-2	246769.22	247366.25	249924.46	248019.97	0.68	ppb
Manganese	55-2	998.14	1005.42	1020.74	1008.10	1.14	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:24:48	DataFile Name :	049CCV_P7102817 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	473.99	474.91	483.42	477.44	1.09	ppb
Molybdenum	95-1	487.36	487.47	495.89	490.24	1.00	ppb
Molybdenum	96-1	489.32	486.65	502.05	492.67	1.67	ppb
Molybdenum	97-1	483.50	482.46	494.59	486.85	1.38	ppb
Molybdenum	98-1	476.79	479.54	488.93	481.75	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.94	486.10	492.45	488.16	0.76	ppb
Phosphorus	31-2	9668.91	10248.47	10320.88	10079.42	3.55	ppb
Potassium	39-2	125680.62	124450.10	125335.15	125155.29	0.51	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	485.40	507.10	488.44	493.65	2.38	ppb
Selenium	78-2	497.55	510.19	506.83	504.85	1.30	ppb
Selenium	82-1	476.18	473.00	486.01	478.40	1.42	ppb
Silicon	28-1	494.75	508.20	509.48	504.14	1.62	ppb
Silver	109-1	458.22	459.26	462.85	460.11	0.53	ppb
Silver	107-1	456.45	456.17	463.80	458.81	0.94	ppb
Sodium	23-2	253096.62	249640.41	254113.64	252283.56	0.93	ppb
Strontium	86-1	494.80	500.32	513.31	502.81	1.89	ppb
Strontium	88-1	516.90	512.58	521.58	517.02	0.87	ppb
Sulfur	34-1	10252.53	10281.59	10388.21	10307.44	0.69	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	482.88	499.04	491.14	491.02	1.65	ppb
Thallium	205-1	508.12	520.16	502.70	510.32	1.75	ppb
Tin	118-1	478.76	481.12	484.47	481.45	0.60	ppb
Titanium	47-1	473.82	490.15	496.54	486.84	2.41	ppb
Uranium	238-1	510.69	513.02	506.08	509.93	0.69	ppb
Vanadium	51-2	498.51	503.90	506.23	502.88	0.79	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	947.94	966.20	984.20	966.11	1.88	ppb
Zirconium	90-1	499.48	500.53	504.61	501.54	0.54	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:24:48	DataFile Name :	049CCV_P7102817 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	482.99	484.55	492.32	486.62	1.03	ppb

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : CCB002 Instrumnet Name : P7
 Client Sample ID : CCB002 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 20:28:16 DataFile Name : 050CCBE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.15	1.53	0.52	1.07	47.69	ppb
Antimony	121-1	1.46	1.15	1.23	1.28	12.37	ppb
Arsenic	75-2	0.08	0.07	0.11	0.09	22.07	ppb
Barium	135-1	-0.01	-0.05	-0.04	-0.03		ppb
Barium	137-1	-0.01	0.00	-0.01	-0.01		ppb
Beryllium	9-1	0.20	0.17	0.10	0.15	33.40	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	13.24	10.66	10.18	11.36	14.48	ppb
Boron	11-1	12.28	10.35	10.41	11.02	9.97	ppb
Cadmium	111-1	0.04	-0.13	-0.10	-0.06		ppb
Cadmium	106-1	0.42	-1.72	-1.53	-0.95		ppb
Cadmium	108-1	0.09	-0.11	-0.11	-0.05		ppb
Calcium	43-1	4.72	-10.05	7.38	0.68	1373.17	ppb
Calcium	44-1	14.24	5.78	10.60	10.21	41.57	ppb
Chromium	52-2	0.10	0.09	0.08	0.09	9.45	ppb
Cobalt	59-2	-0.02	-0.03	-0.02	-0.03		ppb
Copper	63-2	-0.03	-0.04	-0.10	-0.06		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	3.42	2.82	3.31	3.18	9.99	ppb
Iron	57-2	4.25	2.95	3.79	3.66	17.91	ppb
Lead	206-1	0.07	0.09	0.06	0.07	21.59	ppb
Lead	207-1	0.05	0.01	0.06	0.04	66.39	ppb
Lead	208-1	0.07	0.06	0.06	0.06	8.28	ppb
Lithium	6-1				99		%
Magnesium	24-2	3.51	3.32	2.04	2.96	27.09	ppb
Manganese	55-2	-0.06	-0.08	-0.05	-0.06		ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:28:16	DataFile Name :	050CCBE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.21	0.22	0.24	0.23	8.56	ppb
Molybdenum	95-1	0.31	0.31	0.21	0.28	22.05	ppb
Molybdenum	96-1	0.33	0.35	0.26	0.31	14.55	ppb
Molybdenum	97-1	0.34	0.26	0.30	0.30	14.79	ppb
Molybdenum	98-1	0.32	0.31	0.28	0.30	7.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.03	-0.03	-0.02		ppb
Phosphorus	31-2	5.19	-8.73	11.06	2.51	405.31	ppb
Potassium	39-2	33.66	26.99	32.36	31.00	11.42	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	0.00	0.00	1.11	0.37	173.21	ppb
Selenium	78-2	1.07	0.65	0.59	0.77	33.82	ppb
Selenium	82-1	-0.13	0.16	0.42	0.15	181.00	ppb
Silicon	28-1	4.48	1.18	1.51	2.39	75.95	ppb
Silver	109-1	0.00	0.01	0.02	0.01	74.63	ppb
Silver	107-1	0.01	0.02	0.00	0.01	69.36	ppb
Sodium	23-2	31.31	31.28	31.01	31.20	0.52	ppb
Strontium	86-1	-0.03	0.07	0.09	0.04	150.83	ppb
Strontium	88-1	0.00	0.01	0.01	0.01	71.35	ppb
Sulfur	34-1	158.56	-213.21	-20.38	-25.01		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.18	0.20	0.19	0.19	3.57	ppb
Thallium	205-1	0.28	0.20	0.19	0.22	21.35	ppb
Tin	118-1	0.44	0.46	0.33	0.41	16.39	ppb
Titanium	47-1	-0.03	-0.03	0.01	-0.02		ppb
Uranium	238-1	0.02	0.01	0.01	0.01	35.50	ppb
Vanadium	51-2	0.00	0.01	0.02	0.01	108.14	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	-0.22	-0.12	-0.09	-0.14		ppb
Zirconium	90-1	0.21	0.21	0.16	0.19	13.84	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:28:16	DataFile Name :	050CCBE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.20	0.13	0.21	0.18	22.93	ppb

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : PB103770BL Instrumnet Name : P7
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 20:31:41 DataFile Name : 051CCBE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.34	1.09	0.93	0.79	50.67	ppb
Antimony	121-1	0.32	0.32	0.40	0.35	13.33	ppb
Arsenic	75-2	0.03	-0.01	0.03	0.02	135.74	ppb
Barium	135-1	-0.08	-0.06	-0.04	-0.06		ppb
Barium	137-1	-0.03	-0.06	-0.05	-0.04		ppb
Beryllium	9-1	0.09	0.06	0.05	0.07	28.39	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	3.43	2.71	3.69	3.28	15.37	ppb
Boron	11-1	4.65	4.25	4.31	4.40	4.82	ppb
Cadmium	111-1	-0.03	0.00	0.02	0.00		ppb
Cadmium	106-1	-0.41	-0.22	0.25	-0.13		ppb
Cadmium	108-1	-0.11	-0.17	-0.11	-0.13		ppb
Calcium	43-1	-2.66	-4.09	-0.04	-2.26		ppb
Calcium	44-1	4.26	3.61	5.11	4.33	17.30	ppb
Chromium	52-2	0.05	0.10	0.07	0.07	29.06	ppb
Cobalt	59-2	-0.03	-0.03	-0.03	-0.03		ppb
Copper	63-2	-0.23	-0.22	-0.17	-0.21		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	1.06	0.73	0.88	0.89	18.44	ppb
Iron	57-2	2.35	3.61	1.78	2.58	36.20	ppb
Lead	206-1	0.01	0.06	0.02	0.03	100.73	ppb
Lead	207-1	0.01	0.01	0.02	0.01	17.81	ppb
Lead	208-1	0.00	0.05	0.03	0.03	82.68	ppb
Lithium	6-1				98		%
Magnesium	24-2	0.64	0.08	0.17	0.30	101.06	ppb
Manganese	55-2	-0.09	-0.09	-0.11	-0.10		ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103770BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:31:41	DataFile Name :	051CCBE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.07	0.06	0.06	4.15	ppb
Molybdenum	95-1	0.11	0.10	0.09	0.10	8.67	ppb
Molybdenum	96-1	0.07	0.05	0.06	0.06	14.74	ppb
Molybdenum	97-1	0.07	0.09	0.08	0.08	13.19	ppb
Molybdenum	98-1	0.09	0.09	0.10	0.09	3.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	-0.05	-0.01		ppb
Phosphorus	31-2	5.07	0.49	4.57	3.37	74.51	ppb
Potassium	39-2	27.26	22.58	18.19	22.68	20.00	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	1.12	0.00	0.00	0.37	173.21	ppb
Selenium	78-2	0.09	0.37	1.20	0.55	104.43	ppb
Selenium	82-1	-0.31	-0.54	-0.25	-0.37		ppb
Silicon	28-1	3.44	0.10	1.26	1.60	105.97	ppb
Silver	109-1	0.01	0.00	0.01	0.01	67.96	ppb
Silver	107-1	0.00	0.01	0.00	0.01	56.12	ppb
Sodium	23-2	19.48	21.04	20.50	20.34	3.89	ppb
Strontium	86-1	0.08	0.08	0.10	0.09	10.21	ppb
Strontium	88-1	0.00	0.01	0.01	0.00	65.05	ppb
Sulfur	34-1	351.81	-19.47	264.13	198.82	97.61	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.04	0.05	0.05	12.20	ppb
Thallium	205-1	0.06	0.06	0.07	0.06	11.28	ppb
Tin	118-1	0.14	0.12	0.13	0.13	7.94	ppb
Titanium	47-1	0.00	0.02	0.01	0.01	120.91	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	249.28	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	-0.40	-0.41	-0.40	-0.40		ppb
Zirconium	90-1	0.13	0.11	0.09	0.11	14.47	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103770BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:31:41	DataFile Name :	051CCBE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.11	0.10	0.13	0.12	13.34	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103770BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:35:05	DataFile Name :	052LCSE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.30	43.14	41.30	41.58	3.46	ppb
Antimony	121-1	3.77	4.04	3.93	3.91	3.46	ppb
Arsenic	75-2	2.01	1.72	1.70	1.81	9.50	ppb
Barium	135-1	18.68	19.17	18.44	18.76	1.99	ppb
Barium	137-1	19.36	19.51	19.30	19.39	0.54	ppb
Beryllium	9-1	1.91	2.27	1.89	2.02	10.66	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	46.37	44.98	46.85	46.07	2.11	ppb
Boron	11-1	43.97	47.27	46.52	45.92	3.76	ppb
Cadmium	111-1	1.92	1.82	1.77	1.84	4.12	ppb
Cadmium	106-1	2.33	1.95	-1.30	0.99	200.56	ppb
Cadmium	108-1	2.00	1.88	1.35	1.74	19.74	ppb
Calcium	43-1	917.81	951.29	876.22	915.11	4.11	ppb
Calcium	44-1	935.64	929.92	938.23	934.60	0.46	ppb
Chromium	52-2	4.33	4.22	4.25	4.26	1.33	ppb
Cobalt	59-2	1.93	1.90	2.04	1.96	3.71	ppb
Copper	63-2	3.97	4.14	3.95	4.02	2.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	460.76	456.61	447.32	454.90	1.51	ppb
Iron	57-2	435.99	431.92	407.07	424.99	3.68	ppb
Lead	206-1	2.05	1.89	1.90	1.94	4.82	ppb
Lead	207-1	1.94	1.91	1.91	1.92	0.86	ppb
Lead	208-1	1.95	1.90	1.90	1.92	1.60	ppb
Lithium	6-1				99		%
Magnesium	24-2	977.29	963.50	944.63	961.81	1.70	ppb
Manganese	55-2	2.08	1.91	1.88	1.96	5.55	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103770BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:35:05	DataFile Name :	052LCSE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.33	4.12	4.23	4.22	2.47	ppb
Molybdenum	95-1	9.47	9.12	9.30	9.30	1.92	ppb
Molybdenum	96-1	8.15	8.04	7.95	8.04	1.25	ppb
Molybdenum	97-1	9.37	9.08	9.51	9.32	2.33	ppb
Molybdenum	98-1	9.26	9.26	8.88	9.13	2.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.24	2.18	1.91	2.11	8.35	ppb
Phosphorus	31-2	8.59	4.70	-2.41	3.63	153.82	ppb
Potassium	39-2	990.65	965.95	967.53	974.71	1.42	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	77-2	7.89	8.94	6.67	7.83	14.51	ppb
Selenium	78-2	12.48	8.20	13.22	11.30	24.00	ppb
Selenium	82-1	9.44	8.50	9.49	9.14	6.11	ppb
Silicon	28-1	28.58	26.14	24.76	26.49	7.30	ppb
Silver	109-1	2.11	2.04	1.96	2.03	3.61	ppb
Silver	107-1	2.05	1.94	2.11	2.04	4.22	ppb
Sodium	23-2	1030.76	1020.45	1000.90	1017.37	1.49	ppb
Strontium	86-1	1.90	2.05	2.04	2.00	4.15	ppb
Strontium	88-1	1.97	1.97	1.96	1.97	0.32	ppb
Sulfur	34-1	234.33	92.95	129.50	152.26	48.20	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	1.80	2.01	2.02	1.95	6.49	ppb
Thallium	205-1	1.90	1.89	1.97	1.92	2.47	ppb
Tin	118-1	9.80	9.57	9.83	9.73	1.44	ppb
Titanium	47-1	9.30	8.73	9.46	9.16	4.20	ppb
Uranium	238-1	1.83	1.70	1.74	1.75	3.81	ppb
Vanadium	51-2	9.70	9.56	9.34	9.54	1.93	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	4.21	3.61	4.10	3.97	8.00	ppb
Zirconium	90-1	2.28	2.16	2.10	2.18	4.16	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103770BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:35:05	DataFile Name :	052LCSE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.06	1.96	1.92	1.98	3.76	ppb

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : PB103723BL Instrumnet Name : P7
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 20:38:31 DataFile Name : 053CCBE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.14	0.75	0.35	0.41	75.28	ppb
Antimony	121-1	0.08	0.09	0.07	0.08	12.20	ppb
Arsenic	75-2	-0.01	0.00	-0.01	0.00		ppb
Barium	135-1	-0.08	-0.02	-0.06	-0.05		ppb
Barium	137-1	-0.04	-0.07	-0.04	-0.05		ppb
Beryllium	9-1	-0.02	0.04	0.00	0.01	344.61	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	1.19	1.82	1.29	1.43	23.64	ppb
Boron	11-1	2.38	2.02	1.68	2.03	17.32	ppb
Cadmium	111-1	-0.17	-0.03	-0.10	-0.10		ppb
Cadmium	106-1	-2.28	-0.36	-1.27	-1.31		ppb
Cadmium	108-1	-0.11	-0.05	-0.17	-0.11		ppb
Calcium	43-1	-6.20	-8.14	-3.73	-6.02		ppb
Calcium	44-1	0.05	-3.23	0.13	-1.02		ppb
Chromium	52-2	0.07	0.10	0.10	0.09	20.32	ppb
Cobalt	59-2	-0.03	-0.04	-0.04	-0.03		ppb
Copper	63-2	-0.32	-0.28	-0.32	-0.31		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	0.47	0.35	0.45	0.42	16.00	ppb
Iron	57-2	2.28	1.02	1.06	1.45	49.31	ppb
Lead	206-1	0.02	0.00	0.01	0.01	63.90	ppb
Lead	207-1	0.01	0.00	0.02	0.01	111.52	ppb
Lead	208-1	0.01	0.01	0.01	0.01	24.72	ppb
Lithium	6-1				97		%
Magnesium	24-2	-0.04	0.34	0.36	0.22	102.42	ppb
Manganese	55-2	-0.12	-0.06	-0.13	-0.10		ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103723BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:38:31	DataFile Name :	053CCBE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.03	0.02	0.03	24.89	ppb
Molybdenum	95-1	0.01	0.01	-0.02	0.00		ppb
Molybdenum	96-1	0.01	0.00	0.01	0.01	138.96	ppb
Molybdenum	97-1	0.06	0.04	0.01	0.04	67.67	ppb
Molybdenum	98-1	0.01	0.02	0.01	0.01	48.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.03	0.03	-0.01		ppb
Phosphorus	31-2	-4.61	-8.31	12.45	-0.16		ppb
Potassium	39-2	12.99	19.91	11.34	14.75	30.85	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.00	1.13	0.38	173.21	ppb
Selenium	78-2	1.88	0.71	0.10	0.90	100.98	ppb
Selenium	82-1	0.55	-0.18	-1.75	-0.46		ppb
Silicon	28-1	0.85	-0.51	1.98	0.77	161.22	ppb
Silver	109-1	0.01	0.01	0.00	0.01	32.41	ppb
Silver	107-1	0.00	0.00	0.00	0.00	278.12	ppb
Sodium	23-2	18.07	14.31	14.14	15.50	14.34	ppb
Strontium	86-1	-0.04	0.10	0.06	0.04	187.74	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	61.96	ppb
Sulfur	34-1	73.78	-189.30	-252.05	-122.52		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.02	0.00	0.01	116.85	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.06	0.09	0.05	0.07	30.69	ppb
Titanium	47-1	0.02	-0.02	0.05	0.02	171.22	ppb
Uranium	238-1	0.00	0.00	-0.01	0.00		ppb
Vanadium	51-2	-0.01	-0.01	0.00	-0.01		ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	-0.37	-0.27	-0.41	-0.35		ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	28.98	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103723BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:38:31	DataFile Name :	053CCBE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.03	0.01	0.01	266.48	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103723BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:41:58	DataFile Name :	054LCSE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.51	38.69	35.50	38.23	6.64	ppb
Antimony	121-1	3.76	3.78	3.77	3.77	0.30	ppb
Arsenic	75-2	1.78	1.99	1.89	1.89	5.43	ppb
Barium	135-1	18.72	18.31	18.16	18.39	1.58	ppb
Barium	137-1	19.92	19.37	19.67	19.65	1.39	ppb
Beryllium	9-1	1.96	2.11	2.00	2.02	3.87	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	44.20	44.77	44.16	44.38	0.78	ppb
Boron	11-1	43.67	45.49	46.35	45.17	3.03	ppb
Cadmium	111-1	1.71	1.77	1.98	1.82	7.65	ppb
Cadmium	106-1	-0.81	0.73	2.29	0.74	210.66	ppb
Cadmium	108-1	1.54	1.53	2.25	1.77	23.32	ppb
Calcium	43-1	963.46	958.72	914.30	945.49	2.87	ppb
Calcium	44-1	964.39	943.99	951.40	953.26	1.08	ppb
Chromium	52-2	4.12	4.19	4.17	4.16	0.83	ppb
Cobalt	59-2	2.01	1.93	2.03	1.99	2.63	ppb
Copper	63-2	4.10	4.09	3.91	4.03	2.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	457.16	458.08	457.34	457.53	0.11	ppb
Iron	57-2	440.73	422.63	434.29	432.55	2.12	ppb
Lead	206-1	2.00	1.95	1.90	1.95	2.62	ppb
Lead	207-1	1.88	1.90	1.72	1.83	5.24	ppb
Lead	208-1	1.94	1.88	1.92	1.91	1.69	ppb
Lithium	6-1				97		%
Magnesium	24-2	990.72	975.55	978.67	981.65	0.82	ppb
Manganese	55-2	1.79	2.05	2.00	1.95	7.02	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103723BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:41:58	DataFile Name :	054LCSE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.14	4.37	4.20	4.24	2.86	ppb
Molybdenum	95-1	9.59	9.40	9.46	9.48	1.03	ppb
Molybdenum	96-1	8.26	8.23	8.07	8.19	1.25	ppb
Molybdenum	97-1	9.86	9.29	9.54	9.56	3.00	ppb
Molybdenum	98-1	9.38	9.11	9.37	9.29	1.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.23	2.29	2.09	2.20	4.57	ppb
Phosphorus	31-2	8.97	1.80	12.10	7.62	69.31	ppb
Potassium	39-2	985.61	974.61	978.75	979.66	0.57	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	13.60	6.81	9.09	9.83	35.17	ppb
Selenium	78-2	13.34	10.10	13.38	12.27	15.35	ppb
Selenium	82-1	11.10	9.61	10.69	10.47	7.34	ppb
Silicon	28-1	27.20	26.86	27.32	27.13	0.88	ppb
Silver	109-1	2.11	1.97	2.07	2.05	3.48	ppb
Silver	107-1	1.92	2.06	2.05	2.01	3.94	ppb
Sodium	23-2	1029.99	1029.65	1005.08	1021.57	1.40	ppb
Strontium	86-1	1.80	1.83	1.88	1.84	2.01	ppb
Strontium	88-1	1.93	2.02	1.87	1.94	3.95	ppb
Sulfur	34-1	-16.11	-168.16	-161.08	-115.12		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	1.96	1.88	1.97	1.94	2.63	ppb
Thallium	205-1	1.96	2.01	1.95	1.97	1.63	ppb
Tin	118-1	9.70	9.99	9.64	9.78	1.88	ppb
Titanium	47-1	8.94	9.24	8.91	9.03	2.03	ppb
Uranium	238-1	1.78	1.73	1.81	1.77	2.05	ppb
Vanadium	51-2	9.33	9.47	9.56	9.45	1.20	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	4.11	3.98	4.13	4.07	2.06	ppb
Zirconium	90-1	1.95	1.91	2.06	1.98	3.95	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103723BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:41:58	DataFile Name :	054LCSE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.95	1.99	1.90	1.95	2.39	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103724BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:45:25	DataFile Name :	055CCBE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.76	1.16	1.16	1.03	22.54	ppb
Antimony	121-1	0.01	0.03	0.02	0.02	42.58	ppb
Arsenic	75-2	0.04	-0.03	-0.02	0.00		ppb
Barium	135-1	-0.06	-0.06	-0.09	-0.07		ppb
Barium	137-1	-0.03	-0.05	-0.02	-0.03		ppb
Beryllium	9-1	0.01	0.02	0.00	0.01	139.65	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	0.78	1.04	1.71	1.18	40.96	ppb
Boron	11-1	1.56	1.69	1.54	1.60	5.19	ppb
Cadmium	111-1	0.03	-0.03	-0.07	-0.03		ppb
Cadmium	106-1	0.29	-0.50	-0.83	-0.35		ppb
Cadmium	108-1	-0.17	-0.11	-0.11	-0.13		ppb
Calcium	43-1	-6.18	-2.34	-2.00	-3.51		ppb
Calcium	44-1	-0.84	2.82	0.71	0.90	204.04	ppb
Chromium	52-2	0.08	0.10	0.02	0.07	56.54	ppb
Cobalt	59-2	-0.03	-0.04	-0.04	-0.04		ppb
Copper	63-2	-0.23	-0.31	-0.17	-0.24		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				103		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	0.41	0.16	0.38	0.32	42.92	ppb
Iron	57-2	1.31	0.31	0.56	0.73	71.70	ppb
Lead	206-1	-0.02	-0.03	0.02	-0.01		ppb
Lead	207-1	-0.02	-0.01	0.02	-0.01		ppb
Lead	208-1	0.00	0.00	0.01	0.00	209.77	ppb
Lithium	6-1				97		%
Magnesium	24-2	-0.31	0.00	1.19	0.29	267.88	ppb
Manganese	55-2	-0.11	-0.10	-0.09	-0.10		ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103724BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:45:25	DataFile Name :	055CCBE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.02	0.01	0.02	40.20	ppb
Molybdenum	95-1	0.00	-0.01	0.01	0.00		ppb
Molybdenum	96-1	0.01	0.01	0.00	0.01	51.91	ppb
Molybdenum	97-1	0.01	0.02	0.02	0.02	37.66	ppb
Molybdenum	98-1	0.02	0.01	0.02	0.01	47.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.04	-0.05	-0.02		ppb
Phosphorus	31-2	2.21	-15.17	1.97	-3.67		ppb
Potassium	39-2	13.60	13.78	13.25	13.54	1.98	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	1.13	0.38	173.21	ppb
Selenium	78-2	1.32	1.10	2.41	1.61	43.74	ppb
Selenium	82-1	0.45	-0.08	-0.25	0.04	902.17	ppb
Silicon	28-1	1.72	1.52	-0.90	0.78	186.41	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.01	0.00	0.00	197.08	ppb
Sodium	23-2	12.83	12.35	11.58	12.25	5.16	ppb
Strontium	86-1	-0.03	0.01	0.03	0.00	1159.54	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	128.29	ppb
Sulfur	34-1	-78.02	190.89	-162.75	-16.63		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb
Tin	118-1	0.10	0.05	0.05	0.07	42.51	ppb
Titanium	47-1	-0.04	-0.03	0.06	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.01	-0.01	0.00		ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	-0.37	-0.34	-0.36	-0.35		ppb
Zirconium	90-1	0.03	0.03	0.01	0.02	45.46	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103724BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:45:25	DataFile Name :	055CCBE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.00	0.02	0.02	101.05	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103724BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:48:52	DataFile Name :	056LCSE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.61	38.42	41.65	40.56	4.57	ppb
Antimony	121-1	3.79	3.85	3.80	3.81	0.92	ppb
Arsenic	75-2	2.05	2.26	1.94	2.08	7.81	ppb
Barium	135-1	19.33	19.59	19.16	19.36	1.11	ppb
Barium	137-1	19.92	19.31	19.40	19.55	1.69	ppb
Beryllium	9-1	1.92	2.05	2.05	2.01	3.60	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	10-1	44.10	42.86	46.26	44.40	3.88	ppb
Boron	11-1	44.91	45.99	45.40	45.43	1.18	ppb
Cadmium	111-1	1.89	1.91	1.71	1.84	5.79	ppb
Cadmium	106-1	0.48	2.49	1.79	1.59	64.20	ppb
Cadmium	108-1	1.65	1.66	2.29	1.87	19.73	ppb
Calcium	43-1	950.77	943.01	943.45	945.74	0.46	ppb
Calcium	44-1	952.15	953.43	953.51	953.03	0.08	ppb
Chromium	52-2	4.08	4.44	4.23	4.25	4.29	ppb
Cobalt	59-2	2.06	2.03	2.08	2.06	1.29	ppb
Copper	63-2	4.05	4.17	4.04	4.09	1.87	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				103		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	469.75	460.46	462.36	464.19	1.06	ppb
Iron	57-2	442.10	430.05	433.71	435.29	1.42	ppb
Lead	206-1	2.01	1.85	1.94	1.93	4.09	ppb
Lead	207-1	2.14	1.95	1.92	2.01	6.01	ppb
Lead	208-1	2.02	1.91	1.94	1.96	2.90	ppb
Lithium	6-1				97		%
Magnesium	24-2	993.21	972.35	981.93	982.49	1.06	ppb
Manganese	55-2	1.91	1.89	1.90	1.90	0.31	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103724BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:48:52	DataFile Name :	056LCSE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.33	3.97	4.17	4.16	4.28	ppb
Molybdenum	95-1	9.23	9.68	9.35	9.42	2.46	ppb
Molybdenum	96-1	8.03	8.23	8.31	8.19	1.76	ppb
Molybdenum	97-1	9.39	9.37	9.11	9.29	1.71	ppb
Molybdenum	98-1	9.20	9.55	9.43	9.40	1.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.15	2.15	2.12	2.14	0.83	ppb
Phosphorus	31-2	23.32	-4.92	1.72	6.71	220.16	ppb
Potassium	39-2	987.16	992.24	957.24	978.88	1.93	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	6.81	9.12	9.08	8.33	15.86	ppb
Selenium	78-2	10.48	10.92	8.76	10.05	11.39	ppb
Selenium	82-1	10.15	9.16	11.78	10.37	12.77	ppb
Silicon	28-1	27.63	25.96	27.17	26.92	3.20	ppb
Silver	109-1	2.05	2.18	2.00	2.08	4.40	ppb
Silver	107-1	1.96	2.08	2.07	2.04	3.19	ppb
Sodium	23-2	1040.70	1017.93	1032.09	1030.24	1.12	ppb
Strontium	86-1	2.03	1.98	1.90	1.97	3.43	ppb
Strontium	88-1	1.99	1.96	1.93	1.96	1.52	ppb
Sulfur	34-1	58.90	39.01	229.31	109.07	95.90	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	2.04	1.91	1.88	1.94	4.31	ppb
Thallium	205-1	1.89	1.91	1.91	1.90	0.54	ppb
Tin	118-1	9.93	9.77	9.85	9.85	0.82	ppb
Titanium	47-1	9.29	8.80	9.42	9.17	3.59	ppb
Uranium	238-1	1.82	1.81	1.75	1.79	2.18	ppb
Vanadium	51-2	9.67	9.90	9.49	9.69	2.09	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	4.24	3.37	4.22	3.94	12.57	ppb
Zirconium	90-1	1.84	1.84	1.87	1.85	0.90	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103724BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:48:52	DataFile Name :	056LCSE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.90	1.93	1.76	1.86	5.05	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-01	Instrumnet Name :	P7
Client Sample ID :	MH0QD6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:52:19	DataFile Name :	057SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	82.60	89.63	86.81	86.35	4.10	ppb
Antimony	121-1	0.03	0.03	0.00	0.02	104.05	ppb
Arsenic	75-2	0.10	0.12	0.12	0.11	9.22	ppb
Barium	135-1	5.75	5.66	5.30	5.57	4.34	ppb
Barium	137-1	5.56	5.98	5.66	5.73	3.79	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	399.63	ppb
Bismuth	209-1				113		%
Bismuth	209-2				105		%
Boron	10-1	0.94	1.95	0.55	1.15	63.05	ppb
Boron	11-1	2.11	1.96	1.78	1.95	8.48	ppb
Cadmium	111-1	0.10	0.02	0.00	0.04	145.92	ppb
Cadmium	106-1	0.87	-0.92	-0.93	-0.33		ppb
Cadmium	108-1	0.11	-0.12	0.11	0.04	370.75	ppb
Calcium	43-1	984.06	911.45	972.92	956.15	4.09	ppb
Calcium	44-1	985.90	967.82	977.49	977.07	0.93	ppb
Chromium	52-2	1.91	1.92	1.82	1.88	3.03	ppb
Cobalt	59-2	0.16	0.13	0.17	0.16	12.10	ppb
Copper	63-2	1.23	1.35	1.43	1.33	7.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				107		%
Indium	115-1				114		%
Indium	115-2				105		%
Iron	56-2	482.33	489.89	487.10	486.44	0.79	ppb
Iron	57-2	454.88	442.41	462.15	453.15	2.20	ppb
Lead	206-1	5.00	4.80	5.01	4.94	2.41	ppb
Lead	207-1	4.37	4.33	4.44	4.38	1.37	ppb
Lead	208-1	4.62	4.48	4.61	4.57	1.78	ppb
Lithium	6-1				108		%
Magnesium	24-2	82.32	79.54	83.55	81.80	2.51	ppb
Manganese	55-2	9.38	9.07	9.09	9.18	1.91	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-01	Instrumnet Name :	P7
Client Sample ID :	MH0QD6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:52:19	DataFile Name :	057SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.11	0.15	0.13	0.13	16.38	ppb
Molybdenum	95-1	0.32	0.35	0.32	0.33	6.06	ppb
Molybdenum	96-1	0.28	0.27	0.25	0.27	4.82	ppb
Molybdenum	97-1	0.29	0.36	0.29	0.31	13.85	ppb
Molybdenum	98-1	0.32	0.33	0.33	0.33	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	143.44	141.78	143.71	142.98	0.73	ppb
Phosphorus	31-2	38.85	38.47	38.82	38.71	0.55	ppb
Potassium	39-2	54.46	45.98	56.86	52.43	10.91	ppb
Rhodium	103-1				112		%
Rhodium	103-2				105		%
Scandium	45-1				112		%
Scandium	45-2				106		%
Selenium	77-2	0.00	0.00	1.06	0.35	173.21	ppb
Selenium	78-2	1.20	0.85	1.88	1.31	40.05	ppb
Selenium	82-1	0.46	0.32	-0.24	0.18	207.09	ppb
Silicon	28-1	145.58	140.37	144.55	143.50	1.92	ppb
Silver	109-1	0.01	0.01	0.02	0.01	65.80	ppb
Silver	107-1	0.01	0.02	0.02	0.02	33.85	ppb
Sodium	23-2	243.23	242.57	240.67	242.16	0.55	ppb
Strontium	86-1	4.05	4.34	4.09	4.16	3.77	ppb
Strontium	88-1	4.30	4.11	4.07	4.16	2.94	ppb
Sulfur	34-1	-1145.99	-1327.94	-1020.35	-1164.76		ppb
Terbium	159-1				114		%
Terbium	159-2				106		%
Thallium	203-1	-0.01	0.01	0.02	0.00	338.72	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.01	-0.02	-0.01	-0.01		ppb
Titanium	47-1	2.30	2.45	2.37	2.37	3.12	ppb
Uranium	238-1	0.03	0.04	0.03	0.04	22.30	ppb
Vanadium	51-2	0.46	0.42	0.48	0.45	6.41	ppb
Yttrium	89-1				112		%
Yttrium	89-2				106		%
Zinc	66-2	9.56	11.05	11.06	10.56	8.13	ppb
Zirconium	90-1	0.09	0.09	0.06	0.08	18.83	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-01	Instrumnet Name :	P7
Client Sample ID :	MH0QD6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:52:19	DataFile Name :	057SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.04	0.02	0.04	49.63	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-02	Instrumnet Name :	P7
Client Sample ID :	MH0QD7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:55:45	DataFile Name :	058SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44.10	40.82	42.43	42.45	3.87	ppb
Antimony	121-1	-0.01	-0.02	-0.03	-0.02		ppb
Arsenic	75-2	0.02	0.00	0.04	0.02	80.12	ppb
Barium	135-1	0.92	1.12	0.98	1.01	10.32	ppb
Barium	137-1	1.11	0.92	1.05	1.02	9.64	ppb
Beryllium	9-1	-0.03	-0.01	-0.02	-0.02		ppb
Bismuth	209-1				113		%
Bismuth	209-2				103		%
Boron	10-1	0.15	0.20	-0.27	0.03	918.26	ppb
Boron	11-1	0.95	0.62	0.42	0.66	40.26	ppb
Cadmium	111-1	0.00	-0.04	-0.16	-0.06		ppb
Cadmium	106-1	-0.30	-0.35	-2.02	-0.89		ppb
Cadmium	108-1	-0.11	0.00	-0.11	-0.08		ppb
Calcium	43-1	340.79	335.31	361.00	345.70	3.91	ppb
Calcium	44-1	338.33	309.27	324.89	324.16	4.49	ppb
Chromium	52-2	0.12	0.09	0.14	0.12	20.15	ppb
Cobalt	59-2	-0.02	0.00	-0.01	-0.01		ppb
Copper	63-2	0.95	0.92	0.91	0.93	2.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				107		%
Indium	115-1				114		%
Indium	115-2				105		%
Iron	56-2	98.46	99.00	97.26	98.24	0.90	ppb
Iron	57-2	102.65	90.99	90.21	94.62	7.36	ppb
Lead	206-1	0.50	0.37	0.40	0.42	15.28	ppb
Lead	207-1	0.42	0.34	0.33	0.36	13.90	ppb
Lead	208-1	0.45	0.36	0.39	0.40	12.21	ppb
Lithium	6-1				107		%
Magnesium	24-2	30.03	25.18	26.60	27.27	9.14	ppb
Manganese	55-2	2.14	2.05	2.09	2.09	2.16	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-02	Instrumnet Name :	P7
Client Sample ID :	MH0QD7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:55:45	DataFile Name :	058SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	0.04	0.02	83.05	ppb
Molybdenum	95-1	0.03	0.06	0.08	0.05	42.09	ppb
Molybdenum	96-1	0.05	0.05	0.06	0.06	9.77	ppb
Molybdenum	97-1	0.11	0.08	0.08	0.09	18.37	ppb
Molybdenum	98-1	0.07	0.08	0.06	0.07	17.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.80	13.77	13.00	13.52	3.33	ppb
Phosphorus	31-2	-2.97	3.97	-3.04	-0.68		ppb
Potassium	39-2	24.83	28.74	27.65	27.07	7.46	ppb
Rhodium	103-1				111		%
Rhodium	103-2				105		%
Scandium	45-1				112		%
Scandium	45-2				105		%
Selenium	77-2	2.16	0.00	0.00	0.72	173.21	ppb
Selenium	78-2	0.86	0.89	1.53	1.09	34.71	ppb
Selenium	82-1	0.17	-0.70	-0.22	-0.25		ppb
Silicon	28-1	31.22	27.09	30.85	29.72	7.70	ppb
Silver	109-1	0.00	0.00	0.01	0.00	1564.22	ppb
Silver	107-1	0.01	-0.01	0.00	0.00	1099.47	ppb
Sodium	23-2	56.51	55.45	58.70	56.89	2.91	ppb
Strontium	86-1	1.28	1.09	0.97	1.12	13.78	ppb
Strontium	88-1	1.05	0.96	1.05	1.02	4.84	ppb
Sulfur	34-1	-1041.02	-1450.49	-925.56	-1139.02		ppb
Terbium	159-1				112		%
Terbium	159-2				106		%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	-0.02	0.00	-0.01	-0.01		ppb
Titanium	47-1	0.69	0.44	0.59	0.57	22.11	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	96.34	ppb
Vanadium	51-2	0.08	0.10	0.06	0.08	23.26	ppb
Yttrium	89-1				111		%
Yttrium	89-2				106		%
Zinc	66-2	3.10	2.79	3.10	3.00	5.89	ppb
Zirconium	90-1	0.00	0.01	0.02	0.01	108.68	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-02	Instrumnet Name :	P7
Client Sample ID :	MH0QD7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:55:45	DataFile Name :	058SMPL_P7102817 MS

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

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-03	Instrumnet Name :	P7
Client Sample ID :	MH0QD8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:59:12	DataFile Name :	059SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.54	1.63	1.72	1.63	5.58	ppb
Antimony	121-1	-0.02	-0.02	-0.04	-0.03		ppb
Arsenic	75-2	-0.02	-0.01	0.00	-0.01		ppb
Barium	135-1	0.01	0.01	0.01	0.01	20.65	ppb
Barium	137-1	0.04	0.03	0.03	0.03	17.40	ppb
Beryllium	9-1	0.00	0.02	0.01	0.01	56.52	ppb
Bismuth	209-1				113		%
Bismuth	209-2				102		%
Boron	10-1	-0.62	0.26	-0.26	-0.21		ppb
Boron	11-1	0.04	0.10	0.20	0.11	67.70	ppb
Cadmium	111-1	-0.28	-0.05	-0.01	-0.11		ppb
Cadmium	106-1	-3.61	-0.65	0.00	-1.42		ppb
Cadmium	108-1	-0.12	-0.17	0.01	-0.09		ppb
Calcium	43-1	77.40	75.38	87.20	79.99	7.90	ppb
Calcium	44-1	78.47	85.82	95.14	86.48	9.66	ppb
Chromium	52-2	-0.03	-0.15	-0.09	-0.09		ppb
Cobalt	59-2	-0.03	-0.04	-0.04	-0.04		ppb
Copper	63-2	-0.24	-0.24	-0.14	-0.21		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				105		%
Indium	115-1				113		%
Indium	115-2				103		%
Iron	56-2	1.42	1.29	1.50	1.41	7.43	ppb
Iron	57-2	2.05	3.61	3.12	2.92	27.18	ppb
Lead	206-1	-0.01	-0.02	0.03	0.00	1413.54	ppb
Lead	207-1	0.04	-0.02	0.00	0.00	726.13	ppb
Lead	208-1	0.00	-0.01	0.01	0.00	623.78	ppb
Lithium	6-1				106		%
Magnesium	24-2	6.90	5.17	6.80	6.29	15.41	ppb
Manganese	55-2	-0.05	-0.04	-0.06	-0.05		ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-03	Instrumnet Name :	P7
Client Sample ID :	MH0QD8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:59:12	DataFile Name :	059SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.02	0.02	0.02	13.09	ppb
Molybdenum	95-1	0.00	0.01	0.03	0.01	131.61	ppb
Molybdenum	96-1	0.00	-0.02	0.01	0.00		ppb
Molybdenum	97-1	0.04	0.03	0.02	0.03	47.29	ppb
Molybdenum	98-1	0.01	0.02	0.00	0.01	65.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.75	0.68	0.68	0.71	5.47	ppb
Phosphorus	31-2	-8.68	-9.76	-2.23	-6.89		ppb
Potassium	39-2	11.01	4.00	3.80	6.27	65.50	ppb
Rhodium	103-1				110		%
Rhodium	103-2				103		%
Scandium	45-1				111		%
Scandium	45-2				104		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.24	2.28	1.52	1.35	76.33	ppb
Selenium	82-1	-0.07	0.95	0.66	0.51	103.01	ppb
Silicon	28-1	-5.77	-3.60	1.01	-2.79		ppb
Silver	109-1	0.00	0.00	0.00	0.00	64.67	ppb
Silver	107-1	-0.01	0.00	0.00	0.00		ppb
Sodium	23-2	182.10	176.11	179.48	179.23	1.67	ppb
Strontium	86-1	0.40	0.56	0.54	0.50	18.32	ppb
Strontium	88-1	0.44	0.47	0.48	0.46	4.76	ppb
Sulfur	34-1	-1481.65	-1176.05	-366.79	-1008.16		ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.02	-0.01	0.00	-0.01		ppb
Tin	118-1	-0.04	-0.02	-0.02	-0.03		ppb
Titanium	47-1	-0.07	-0.01	-0.02	-0.03		ppb
Uranium	238-1	-0.01	-0.01	0.00	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				111		%
Yttrium	89-2				104		%
Zinc	66-2	-0.08	-0.06	-0.11	-0.08		ppb
Zirconium	90-1	0.04	0.04	0.02	0.04	32.96	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-03	Instrumnet Name :	P7
Client Sample ID :	MH0QD8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:59:12	DataFile Name :	059SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.05	0.03	74.56	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-04	Instrumnet Name :	P7
Client Sample ID :	MH0QD9	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:02:39	DataFile Name :	060SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.30	0.89	1.11	1.10	18.44	ppb
Antimony	121-1	-0.04	-0.04	-0.03	-0.04		ppb
Arsenic	75-2	0.03	-0.01	-0.01	0.00	754.19	ppb
Barium	135-1	-0.01	-0.03	-0.03	-0.02		ppb
Barium	137-1	0.01	0.05	0.05	0.04	53.50	ppb
Beryllium	9-1	0.04	-0.02	0.00	0.01	550.66	ppb
Bismuth	209-1				110		%
Bismuth	209-2				102		%
Boron	10-1	-0.98	-0.84	-0.24	-0.68		ppb
Boron	11-1	-0.39	-0.20	-0.35	-0.31		ppb
Cadmium	111-1	0.02	0.05	-0.10	-0.01		ppb
Cadmium	106-1	0.24	0.68	-1.35	-0.14		ppb
Cadmium	108-1	-0.12	-0.11	-0.11	-0.11		ppb
Calcium	43-1	76.63	83.97	63.30	74.63	14.03	ppb
Calcium	44-1	76.00	75.83	72.65	74.83	2.52	ppb
Chromium	52-2	-0.09	-0.07	-0.11	-0.09		ppb
Cobalt	59-2	-0.04	-0.04	-0.04	-0.04		ppb
Copper	63-2	-0.14	-0.03	-0.11	-0.09		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				110		%
Holmium	165-2				105		%
Indium	115-1				111		%
Indium	115-2				103		%
Iron	56-2	3.51	4.04	3.84	3.80	7.14	ppb
Iron	57-2	2.77	3.13	4.63	3.51	28.11	ppb
Lead	206-1	-0.01	-0.01	-0.01	-0.01		ppb
Lead	207-1	-0.02	-0.03	0.01	-0.01		ppb
Lead	208-1	-0.01	0.00	0.00	-0.01		ppb
Lithium	6-1				105		%
Magnesium	24-2	8.44	7.43	8.35	8.08	6.91	ppb
Manganese	55-2	-0.01	0.01	0.02	0.00	369.16	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-04	Instrumnet Name :	P7
Client Sample ID :	MH0QD9	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:02:39	DataFile Name :	060SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	0.01	0.01	33.67	ppb
Molybdenum	95-1	-0.01	-0.01	0.02	0.00		ppb
Molybdenum	96-1	-0.02	0.00	-0.01	-0.01		ppb
Molybdenum	97-1	0.00	0.03	0.00	0.01	275.53	ppb
Molybdenum	98-1	0.00	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.35	4.53	4.38	4.42	2.18	ppb
Phosphorus	31-2	-18.99	-2.87	-12.33	-11.39		ppb
Potassium	39-2	6.40	3.63	5.34	5.13	27.21	ppb
Rhodium	103-1				108		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				104		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.42	0.34	0.03	0.60	122.03	ppb
Selenium	82-1	0.43	-0.29	0.01	0.05	701.81	ppb
Silicon	28-1	-1.86	-1.71	-3.38	-2.32		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.01	0.00	0.00	0.00	290.35	ppb
Sodium	23-2	112.44	110.32	111.43	111.40	0.95	ppb
Strontium	86-1	0.49	0.44	0.25	0.39	31.43	ppb
Strontium	88-1	0.36	0.37	0.36	0.36	2.24	ppb
Sulfur	34-1	-929.05	-698.24	-1001.43	-876.24		ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	-0.02	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.02	-0.02	-0.01	-0.02		ppb
Tin	118-1	-0.02	-0.02	-0.03	-0.02		ppb
Titanium	47-1	-0.06	0.04	0.01	0.00		ppb
Uranium	238-1	-0.01	0.00	-0.01	0.00		ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	107.51	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	0.26	0.40	0.32	0.33	21.75	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	20.68	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-04	Instrumnet Name :	P7
Client Sample ID :	MH0QD9	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:02:39	DataFile Name :	060SMPL_P7102817 MS

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

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-05	Instrumnet Name :	P7
Client Sample ID :	MH0QE0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:06:22	DataFile Name :	061SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.50	11.78	11.98	11.76	2.07	ppb
Antimony	121-1	-0.04	-0.04	-0.02	-0.03		ppb
Arsenic	75-2	0.00	-0.01	0.00	0.00		ppb
Barium	135-1	0.60	0.73	0.70	0.68	10.01	ppb
Barium	137-1	0.83	0.80	0.76	0.80	4.01	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	155.96	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Boron	10-1	3.90	3.48	3.62	3.67	5.78	ppb
Boron	11-1	3.87	3.92	3.84	3.88	1.02	ppb
Cadmium	111-1	0.05	-0.12	-0.05	-0.04		ppb
Cadmium	106-1	0.58	-1.72	-0.74	-0.62		ppb
Cadmium	108-1	-0.17	-0.11	0.00	-0.10		ppb
Calcium	43-1	255.70	273.19	273.49	267.46	3.81	ppb
Calcium	44-1	280.81	295.20	278.59	284.87	3.17	ppb
Chromium	52-2	-0.14	-0.13	-0.04	-0.10		ppb
Cobalt	59-2	0.02	-0.01	0.01	0.00	346.66	ppb
Copper	63-2	0.28	0.24	0.24	0.25	8.85	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				110		%
Holmium	165-2				105		%
Indium	115-1				112		%
Indium	115-2				103		%
Iron	56-2	52.93	51.49	51.31	51.91	1.71	ppb
Iron	57-2	53.02	50.20	44.01	49.08	9.40	ppb
Lead	206-1	0.38	0.48	0.44	0.43	12.13	ppb
Lead	207-1	0.32	0.34	0.36	0.34	5.66	ppb
Lead	208-1	0.36	0.37	0.39	0.38	5.07	ppb
Lithium	6-1				106		%
Magnesium	24-2	14.28	14.15	15.20	14.54	3.93	ppb
Manganese	55-2	1.74	1.89	1.92	1.85	5.39	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-05	Instrumnet Name :	P7
Client Sample ID :	MH0QE0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:06:22	DataFile Name :	061SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.02	0.01	0.09	0.03	224.18	ppb
Molybdenum	95-1	0.01	0.04	0.01	0.02	95.63	ppb
Molybdenum	96-1	0.01	0.00	0.01	0.00	147.77	ppb
Molybdenum	97-1	0.01	0.03	0.02	0.02	44.85	ppb
Molybdenum	98-1	0.01	0.02	0.00	0.01	143.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.50	39.37	39.01	39.96	3.37	ppb
Phosphorus	31-2	-8.86	-2.87	0.38	-3.78		ppb
Potassium	39-2	18.09	-0.79	14.38	10.56	94.74	ppb
Rhodium	103-1				109		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				104		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	2.77	-0.57	1.26	1.15	144.80	ppb
Selenium	82-1	-0.43	0.48	0.13	0.06	787.78	ppb
Silicon	28-1	9.78	15.95	13.66	13.13	23.73	ppb
Silver	109-1	0.00	0.00	0.00	0.00	124.60	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	36.98	36.83	34.45	36.09	3.93	ppb
Strontium	86-1	0.75	0.91	0.91	0.86	10.74	ppb
Strontium	88-1	0.92	0.96	0.85	0.91	5.68	ppb
Sulfur	34-1	-1287.37	-524.98	-935.14	-915.83		ppb
Terbium	159-1				111		%
Terbium	159-2				104		%
Thallium	203-1	-0.02	-0.02	0.00	-0.01		ppb
Thallium	205-1	-0.02	-0.02	-0.01	-0.01		ppb
Tin	118-1	-0.02	0.00	-0.05	-0.02		ppb
Titanium	47-1	0.20	0.19	0.34	0.24	35.33	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	309.74	ppb
Vanadium	51-2	0.07	0.04	0.07	0.06	29.66	ppb
Yttrium	89-1				109		%
Yttrium	89-2				104		%
Zinc	66-2	1.77	1.52	1.76	1.68	8.42	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-05	Instrumnet Name :	P7
Client Sample ID :	MH0QE0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:06:22	DataFile Name :	061SMPL_P7102817 MS

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

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-06	Instrumnet Name :	P7
Client Sample ID :	MH0QE1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:09:50	DataFile Name :	062SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.47	3.46	5.34	4.42	21.34	ppb
Antimony	121-1	-0.04	-0.04	-0.02	-0.03		ppb
Arsenic	75-2	-0.02	-0.02	0.00	-0.01		ppb
Barium	135-1	0.20	0.11	0.18	0.16	27.82	ppb
Barium	137-1	0.23	0.26	0.24	0.24	6.91	ppb
Beryllium	9-1	-0.01	0.00	-0.05	-0.02		ppb
Bismuth	209-1				110		%
Bismuth	209-2				102		%
Boron	10-1	-1.09	-0.49	-0.68	-0.75		ppb
Boron	11-1	-0.08	-0.06	-0.18	-0.11		ppb
Cadmium	111-1	-0.11	-0.04	-0.10	-0.08		ppb
Cadmium	106-1	-1.64	-0.58	-1.35	-1.19		ppb
Cadmium	108-1	-0.11	-0.17	-0.11	-0.13		ppb
Calcium	43-1	135.42	118.73	130.32	128.16	6.67	ppb
Calcium	44-1	134.49	126.27	129.44	130.07	3.19	ppb
Chromium	52-2	-0.03	-0.14	-0.09	-0.09		ppb
Cobalt	59-2	-0.04	-0.04	-0.02	-0.03		ppb
Copper	63-2	-0.07	-0.09	-0.15	-0.10		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				111		%
Indium	115-2				104		%
Iron	56-2	27.88	27.10	26.24	27.07	3.02	ppb
Iron	57-2	25.85	26.29	28.07	26.74	4.39	ppb
Lead	206-1	0.17	0.12	0.12	0.14	21.31	ppb
Lead	207-1	0.14	0.15	0.13	0.14	8.45	ppb
Lead	208-1	0.14	0.14	0.13	0.14	5.81	ppb
Lithium	6-1				105		%
Magnesium	24-2	11.84	8.18	8.42	9.48	21.65	ppb
Manganese	55-2	0.87	0.67	0.85	0.80	14.19	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-06	Instrumnet Name :	P7
Client Sample ID :	MH0QE1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:09:50	DataFile Name :	062SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.01	0.00	0.00	241.98	ppb
Molybdenum	95-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	96-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	97-1	0.02	0.01	0.02	0.02	41.49	ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	172.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.17	9.32	9.16	9.22	0.94	ppb
Phosphorus	31-2	-5.74	-9.19	-19.14	-11.36		ppb
Potassium	39-2	12.42	8.58	9.93	10.31	18.90	ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				109		%
Scandium	45-2				104		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.90	0.16	3.10	1.39	110.23	ppb
Selenium	82-1	0.22	0.51	0.12	0.28	71.51	ppb
Silicon	28-1	2.88	2.43	0.69	2.00	57.79	ppb
Silver	109-1	0.00	0.00	0.00	0.00	826.41	ppb
Silver	107-1	0.00	-0.01	0.00	0.00		ppb
Sodium	23-2	36.73	37.32	34.11	36.05	4.74	ppb
Strontium	86-1	0.65	0.75	0.59	0.66	12.18	ppb
Strontium	88-1	0.65	0.63	0.63	0.64	2.31	ppb
Sulfur	34-1	-493.60	-587.07	-892.55	-657.74		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	-0.02	-0.02	-0.01	-0.02		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.03	-0.01	-0.02	-0.02		ppb
Titanium	47-1	0.21	0.25	0.12	0.19	35.07	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	36.08	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	0.25	0.14	0.29	0.23	35.37	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-06	Instrumnet Name :	P7
Client Sample ID :	MH0QE1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:09:50	DataFile Name :	062SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	-0.03	0.00	569.50	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-07	Instrumnet Name :	P7
Client Sample ID :	MH0QE2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:13:16	DataFile Name :	063SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53.30	56.63	65.50	58.48	10.79	ppb
Antimony	121-1	-0.03	-0.01	-0.03	-0.03		ppb
Arsenic	75-2	0.26	0.20	0.22	0.23	14.90	ppb
Barium	135-1	3.74	3.18	3.58	3.50	8.24	ppb
Barium	137-1	3.79	3.69	3.29	3.59	7.36	ppb
Beryllium	9-1	-0.02	-0.01	0.03	0.00	2425.93	ppb
Bismuth	209-1				113		%
Bismuth	209-2				99		%
Boron	10-1	-0.82	-0.83	-0.61	-0.75		ppb
Boron	11-1	-0.16	-0.06	-0.31	-0.18		ppb
Cadmium	111-1	-0.06	0.07	-0.02	-0.01		ppb
Cadmium	106-1	-1.20	0.54	-0.91	-0.52		ppb
Cadmium	108-1	-0.06	-0.06	-0.06	-0.06		ppb
Calcium	43-1	1201.03	1169.88	1184.15	1185.02	1.32	ppb
Calcium	44-1	1215.22	1184.69	1212.91	1204.27	1.41	ppb
Chromium	52-2	0.05	0.00	0.12	0.06	107.52	ppb
Cobalt	59-2	0.03	0.04	0.02	0.03	42.26	ppb
Copper	63-2	0.41	0.39	0.34	0.38	10.55	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				112		%
Holmium	165-2				105		%
Indium	115-1				113		%
Indium	115-2				103		%
Iron	56-2	130.40	124.73	126.18	127.11	2.32	ppb
Iron	57-2	125.54	112.57	107.00	115.04	8.27	ppb
Lead	206-1	1.84	1.99	1.92	1.91	3.87	ppb
Lead	207-1	1.76	1.74	1.79	1.76	1.45	ppb
Lead	208-1	1.79	1.82	1.86	1.82	1.92	ppb
Lithium	6-1				107		%
Magnesium	24-2	48.76	48.12	51.24	49.37	3.34	ppb
Manganese	55-2	4.85	4.69	4.98	4.84	2.99	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-07	Instrumnet Name :	P7
Client Sample ID :	MH0QE2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:13:16	DataFile Name :	063SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.02	0.02	0.02	80.99	ppb
Molybdenum	95-1	0.02	0.02	0.01	0.02	22.68	ppb
Molybdenum	96-1	0.01	0.00	0.03	0.01	142.21	ppb
Molybdenum	97-1	0.04	0.04	0.04	0.04	7.41	ppb
Molybdenum	98-1	0.03	0.02	0.02	0.02	18.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.44	43.81	43.88	44.38	2.08	ppb
Phosphorus	31-2	4.77	-12.52	0.82	-2.31		ppb
Potassium	39-2	32.18	30.64	35.86	32.89	8.16	ppb
Rhodium	103-1				110		%
Rhodium	103-2				103		%
Scandium	45-1				111		%
Scandium	45-2				103		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.40	0.69	0.56	0.89	50.98	ppb
Selenium	82-1	0.04	-1.21	0.02	-0.38		ppb
Silicon	28-1	90.10	90.75	90.00	90.28	0.45	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00	901.86	ppb
Sodium	23-2	39.34	34.41	41.31	38.35	9.27	ppb
Strontium	86-1	2.77	2.65	2.84	2.75	3.37	ppb
Strontium	88-1	2.76	2.70	2.73	2.73	1.16	ppb
Sulfur	34-1	-809.92	-890.41	-739.57	-813.30		ppb
Terbium	159-1				113		%
Terbium	159-2				104		%
Thallium	203-1	-0.02	-0.02	0.00	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.05	-0.05	-0.02	-0.04		ppb
Titanium	47-1	1.10	1.08	1.46	1.21	17.72	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	12.53	ppb
Vanadium	51-2	0.28	0.21	0.24	0.25	14.47	ppb
Yttrium	89-1				111		%
Yttrium	89-2				103		%
Zinc	66-2	5.55	5.07	5.62	5.41	5.46	ppb
Zirconium	90-1	0.02	0.00	0.01	0.01	55.29	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-07	Instrumnet Name :	P7
Client Sample ID :	MH0QE2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:13:16	DataFile Name :	063SMPL_P7102817 MS

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

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-08	Instrumnet Name :	P7
Client Sample ID :	MH0QE3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:16:41	DataFile Name :	064SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27.78	30.58	30.59	29.65	5.46	ppb
Antimony	121-1	-0.04	-0.02	-0.03	-0.03		ppb
Arsenic	75-2	-0.01	0.04	0.01	0.01	166.58	ppb
Barium	135-1	2.53	2.61	2.28	2.47	6.84	ppb
Barium	137-1	2.46	2.39	2.83	2.56	9.23	ppb
Beryllium	9-1	-0.02	-0.01	0.00	-0.01		ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Boron	10-1	-0.32	-0.62	-0.56	-0.50		ppb
Boron	11-1	0.05	-0.04	0.13	0.04	199.29	ppb
Cadmium	111-1	-0.13	-0.13	-0.13	-0.13		ppb
Cadmium	106-1	-1.89	-1.81	-1.86	-1.85		ppb
Cadmium	108-1	-0.17	-0.17	-0.06	-0.13		ppb
Calcium	43-1	411.38	418.28	417.62	415.76	0.92	ppb
Calcium	44-1	429.99	411.58	413.44	418.34	2.42	ppb
Chromium	52-2	-0.03	0.01	-0.04	-0.02		ppb
Cobalt	59-2	-0.01	0.01	0.01	0.00	364.87	ppb
Copper	63-2	0.08	0.13	-0.01	0.07	106.71	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				111		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				104		%
Iron	56-2	71.12	72.12	70.59	71.28	1.09	ppb
Iron	57-2	66.98	72.33	65.16	68.16	5.47	ppb
Lead	206-1	0.55	0.55	0.59	0.56	4.88	ppb
Lead	207-1	0.55	0.50	0.53	0.53	5.07	ppb
Lead	208-1	0.55	0.48	0.52	0.52	6.47	ppb
Lithium	6-1				106		%
Magnesium	24-2	29.97	29.46	27.21	28.88	5.08	ppb
Manganese	55-2	3.48	3.21	3.21	3.30	4.85	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-08	Instrumnet Name :	P7
Client Sample ID :	MH0QE3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:16:41	DataFile Name :	064SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	95-1	0.03	-0.01	0.02	0.02	128.61	ppb
Molybdenum	96-1	0.02	0.01	0.00	0.01	147.67	ppb
Molybdenum	97-1	0.05	0.05	0.02	0.04	42.44	ppb
Molybdenum	98-1	0.03	0.01	0.02	0.02	38.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.16	29.10	28.44	28.57	1.68	ppb
Phosphorus	31-2	6.92	-2.60	0.31	1.54	316.02	ppb
Potassium	39-2	35.20	39.23	34.53	36.32	6.99	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				105		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.14	0.50	0.67	0.44	61.86	ppb
Selenium	82-1	-0.73	0.22	0.07	-0.15		ppb
Silicon	28-1	47.54	46.27	44.69	46.17	3.10	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.01	0.00	0.00	83.67	ppb
Sodium	23-2	45.16	44.96	40.69	43.61	5.79	ppb
Strontium	86-1	1.85	1.54	1.56	1.65	10.69	ppb
Strontium	88-1	1.71	1.60	1.67	1.66	3.11	ppb
Sulfur	34-1	-226.86	-527.63	-490.22	-414.91		ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.02	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.05	0.06	0.15	0.06	180.70	ppb
Titanium	47-1	0.72	1.08	1.03	0.94	20.33	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	23.83	ppb
Vanadium	51-2	0.09	0.08	0.07	0.08	11.56	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	1.25	1.59	1.26	1.37	14.29	ppb
Zirconium	90-1	0.01	0.03	0.02	0.02	65.45	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-08	Instrumnet Name :	P7
Client Sample ID :	MH0QE3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:16:41	DataFile Name :	064SMPL_P7102817 MS

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

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-09	Instrumnet Name :	P7
Client Sample ID :	MH0QE4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:20:07	DataFile Name :	065SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.73	0.32	0.91	0.66	45.99	ppb
Antimony	121-1	-0.04	-0.04	-0.04	-0.04		ppb
Arsenic	75-2	-0.02	-0.02	-0.02	-0.02		ppb
Barium	135-1	0.01	-0.01	0.00	0.00		ppb
Barium	137-1	0.02	0.05	0.03	0.03	54.44	ppb
Beryllium	9-1	-0.04	-0.04	-0.03	-0.03		ppb
Bismuth	209-1				113		%
Bismuth	209-2				101		%
Boron	10-1	-1.11	-1.07	-0.99	-1.06		ppb
Boron	11-1	-0.35	-0.40	-0.36	-0.37		ppb
Cadmium	111-1	-0.03	-0.03	0.06	0.00		ppb
Cadmium	106-1	-0.35	-0.31	0.76	0.03	1930.68	ppb
Cadmium	108-1	-0.06	-0.06	-0.17	-0.10		ppb
Calcium	43-1	22.61	15.45	23.47	20.51	21.47	ppb
Calcium	44-1	19.25	18.57	19.13	18.98	1.93	ppb
Chromium	52-2	-0.12	-0.16	-0.10	-0.13		ppb
Cobalt	59-2	-0.03	-0.04	-0.04	-0.04		ppb
Copper	63-2	-0.30	-0.24	-0.25	-0.26		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				113		%
Holmium	165-2				105		%
Indium	115-1				113		%
Indium	115-2				102		%
Iron	56-2	6.13	6.11	5.68	5.97	4.31	ppb
Iron	57-2	3.18	5.39	6.90	5.15	36.31	ppb
Lead	206-1	-0.01	0.00	-0.01	-0.01		ppb
Lead	207-1	-0.04	-0.04	-0.02	-0.03		ppb
Lead	208-1	-0.01	-0.02	-0.01	-0.01		ppb
Lithium	6-1				107		%
Magnesium	24-2	5.05	3.60	3.80	4.15	19.04	ppb
Manganese	55-2	-0.03	-0.04	-0.03	-0.04		ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-09	Instrumnet Name :	P7
Client Sample ID :	MH0QE4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:20:07	DataFile Name :	065SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	-0.02	-0.02	-0.02		ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	4321.93	ppb
Molybdenum	96-1	0.01	-0.01	0.00	0.00		ppb
Molybdenum	97-1	0.01	0.02	0.04	0.02	54.34	ppb
Molybdenum	98-1	0.00	-0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.59	1.72	1.61	1.64	4.28	ppb
Phosphorus	31-2	-5.39	1.09	-9.02	-4.44		ppb
Potassium	39-2	10.08	12.68	7.44	10.07	26.03	ppb
Rhodium	103-1				110		%
Rhodium	103-2				102		%
Scandium	45-1				111		%
Scandium	45-2				103		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.17	0.75	1.31	1.08	26.74	ppb
Selenium	82-1	0.15	-0.11	0.12	0.05	271.89	ppb
Silicon	28-1	-5.89	-5.35	-4.80	-5.35		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00	149.98	ppb
Sodium	23-2	26.27	26.86	28.72	27.29	4.69	ppb
Strontium	86-1	0.24	0.24	0.23	0.24	2.41	ppb
Strontium	88-1	0.16	0.14	0.14	0.15	6.85	ppb
Sulfur	34-1	-598.27	-866.52	-710.61	-725.14		ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	-0.02	-0.02	-0.01	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	-0.01	-0.05	-0.05	-0.03		ppb
Titanium	47-1	-0.03	-0.02	-0.03	-0.03		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.01	0.01	0.00	0.00	91.15	ppb
Yttrium	89-1				110		%
Yttrium	89-2				103		%
Zinc	66-2	0.02	0.22	0.16	0.13	77.16	ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-09	Instrumnet Name :	P7
Client Sample ID :	MH0QE4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:20:07	DataFile Name :	065SMPL_P7102817 MS

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

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-10	Instrumnet Name :	P7
Client Sample ID :	MH0QE5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:23:32	DataFile Name :	066SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.16	38.72	31.01	35.63	11.44	ppb
Antimony	121-1	-0.03	-0.04	-0.04	-0.04		ppb
Arsenic	75-2	-0.02	-0.01	-0.02	-0.02		ppb
Barium	135-1	0.12	0.14	0.11	0.12	11.46	ppb
Barium	137-1	0.16	0.14	0.21	0.17	23.01	ppb
Beryllium	9-1	0.00	-0.04	-0.03	-0.02		ppb
Bismuth	209-1				111		%
Bismuth	209-2				103		%
Boron	10-1	-1.41	-1.22	-1.39	-1.34		ppb
Boron	11-1	-0.56	-0.78	-0.66	-0.67		ppb
Cadmium	111-1	-0.07	-0.14	-0.22	-0.14		ppb
Cadmium	106-1	-0.91	-1.79	-3.08	-1.93		ppb
Cadmium	108-1	-0.12	-0.11	-0.17	-0.13		ppb
Calcium	43-1	71.91	67.46	66.72	68.70	4.09	ppb
Calcium	44-1	65.03	72.15	68.28	68.49	5.21	ppb
Chromium	52-2	-0.15	-0.11	-0.14	-0.13		ppb
Cobalt	59-2	-0.05	-0.03	-0.04	-0.04		ppb
Copper	63-2	-0.17	-0.14	-0.07	-0.13		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				112		%
Indium	115-2				104		%
Iron	56-2	32.69	33.52	35.20	33.80	3.78	ppb
Iron	57-2	27.56	28.42	31.53	29.17	7.16	ppb
Lead	206-1	0.05	0.09	0.08	0.08	25.39	ppb
Lead	207-1	0.04	0.10	0.07	0.07	46.00	ppb
Lead	208-1	0.06	0.10	0.07	0.07	26.31	ppb
Lithium	6-1				106		%
Magnesium	24-2	11.79	11.46	9.98	11.08	8.67	ppb
Manganese	55-2	0.34	0.41	0.44	0.40	12.66	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-10	Instrumnet Name :	P7
Client Sample ID :	MH0QE5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:23:32	DataFile Name :	066SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.02	0.00	-0.02	-0.01		ppb
Molybdenum	95-1	-0.02	-0.01	0.00	-0.01		ppb
Molybdenum	96-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.03	0.00	0.01	0.02	91.14	ppb
Molybdenum	98-1	0.00	0.00	-0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.35	3.03	3.39	3.26	5.94	ppb
Phosphorus	31-2	-9.62	4.03	-12.42	-6.00		ppb
Potassium	39-2	5.95	13.21	11.46	10.21	37.13	ppb
Rhodium	103-1				109		%
Rhodium	103-2				104		%
Scandium	45-1				110		%
Scandium	45-2				105		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.08	0.35	0.16	0.14	152.24	ppb
Selenium	82-1	-0.11	-0.33	-0.18	-0.20		ppb
Silicon	28-1	4.98	9.19	5.32	6.50	35.99	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	85.51	90.81	91.83	89.38	3.80	ppb
Strontium	86-1	0.51	0.52	0.46	0.50	5.92	ppb
Strontium	88-1	0.51	0.44	0.47	0.47	7.55	ppb
Sulfur	34-1	-823.69	-583.51	-862.39	-756.53		ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	-0.02	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.02	-0.01	-0.02	-0.02		ppb
Tin	118-1	-0.04	-0.01	-0.02	-0.02		ppb
Titanium	47-1	-0.02	0.10	0.00	0.02	249.32	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.03	0.01	0.01	71.80	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	-0.05	0.36	0.02	0.11	198.70	ppb
Zirconium	90-1	0.00	-0.01	0.01	0.00	375.86	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-10	Instrumnet Name :	P7
Client Sample ID :	MH0QE5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:23:32	DataFile Name :	066SMPL_P7102817 MS

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

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : I6190-11 Instrumnet Name : P7
 Client Sample ID : MH0QE6 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 21:26:59 DataFile Name : 067SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.03	4.33	3.47	3.94	11.03	ppb
Antimony	121-1	-0.03	-0.03	-0.04	-0.04		ppb
Arsenic	75-2	-0.01	-0.01	0.03	0.00	784.28	ppb
Barium	135-1	0.13	0.18	0.10	0.14	30.38	ppb
Barium	137-1	0.20	0.15	0.13	0.16	20.17	ppb
Beryllium	9-1	-0.01	-0.03	-0.04	-0.03		ppb
Bismuth	209-1				111		%
Bismuth	209-2				101		%
Boron	10-1	-0.99	-0.98	-0.97	-0.98		ppb
Boron	11-1	-0.61	-0.77	-0.64	-0.67		ppb
Cadmium	111-1	-0.11	-0.21	-0.10	-0.14		ppb
Cadmium	106-1	-1.50	-2.75	-1.16	-1.80		ppb
Cadmium	108-1	-0.06	-0.11	-0.05	-0.08		ppb
Calcium	43-1	61.56	69.42	78.07	69.68	11.85	ppb
Calcium	44-1	74.03	71.32	72.02	72.46	1.94	ppb
Chromium	52-2	-0.09	-0.09	-0.07	-0.09		ppb
Cobalt	59-2	-0.02	-0.03	-0.04	-0.03		ppb
Copper	63-2	0.00	0.06	0.11	0.06	103.23	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				111		%
Holmium	165-2				105		%
Indium	115-1				112		%
Indium	115-2				103		%
Iron	56-2	45.01	46.60	44.84	45.48	2.14	ppb
Iron	57-2	40.45	47.01	38.80	42.09	10.32	ppb
Lead	206-1	0.09	0.07	0.05	0.07	32.78	ppb
Lead	207-1	0.12	0.09	0.06	0.09	34.44	ppb
Lead	208-1	0.11	0.08	0.07	0.08	25.46	ppb
Lithium	6-1				106		%
Magnesium	24-2	11.75	11.45	10.09	11.10	7.97	ppb
Manganese	55-2	0.23	0.29	0.22	0.24	15.19	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-11	Instrumnet Name :	P7
Client Sample ID :	MH0QE6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:26:59	DataFile Name :	067SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	95-1	0.00	0.01	0.02	0.01	119.17	ppb
Molybdenum	96-1	0.01	0.00	-0.01	0.00	378.38	ppb
Molybdenum	97-1	0.02	0.01	0.01	0.01	28.87	ppb
Molybdenum	98-1	0.02	0.01	0.02	0.02	45.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.51	7.85	7.61	7.66	2.32	ppb
Phosphorus	31-2	-6.00	-5.46	-15.68	-9.05		ppb
Potassium	39-2	7.89	14.65	6.12	9.55	47.13	ppb
Rhodium	103-1				109		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	77-2	0.00	0.00	1.08	0.36	173.21	ppb
Selenium	78-2	1.29	-0.95	0.69	0.35	336.52	ppb
Selenium	82-1	0.19	0.48	-0.05	0.21	127.99	ppb
Silicon	28-1	6.61	15.14	5.83	9.19	56.21	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.01	0.00	0.01	0.00	170.01	ppb
Sodium	23-2	47.44	47.86	47.56	47.62	0.45	ppb
Strontium	86-1	0.46	0.54	0.48	0.50	8.87	ppb
Strontium	88-1	0.40	0.41	0.44	0.42	5.13	ppb
Sulfur	34-1	-423.86	-549.94	-801.60	-591.80		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.02	0.03	0.08	0.04	81.90	ppb
Titanium	47-1	0.12	0.06	0.07	0.09	38.78	ppb
Uranium	238-1	0.00	0.00	-0.01	0.00		ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	80.05	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	1.00	1.15	0.86	1.01	14.26	ppb
Zirconium	90-1	-0.01	0.01	0.00	0.00		ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-11	Instrumnet Name :	P7
Client Sample ID :	MH0QE6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:26:59	DataFile Name :	067SMPL_P7102817 MS

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

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-12	Instrumnet Name :	P7
Client Sample ID :	MH0QE7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:30:25	DataFile Name :	068SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.58	4.08	4.53	4.40	6.23	ppb
Antimony	121-1	-0.04	-0.03	-0.04	-0.04		ppb
Arsenic	75-2	0.00	0.00	-0.02	0.00		ppb
Barium	135-1	0.27	0.23	0.29	0.26	10.06	ppb
Barium	137-1	0.28	0.31	0.31	0.30	5.23	ppb
Beryllium	9-1	-0.03	-0.01	-0.01	-0.02		ppb
Bismuth	209-1				111		%
Bismuth	209-2				101		%
Boron	10-1	-1.35	-1.58	-1.20	-1.38		ppb
Boron	11-1	-0.75	-0.69	-0.79	-0.74		ppb
Cadmium	111-1	-0.07	-0.21	-0.08	-0.12		ppb
Cadmium	106-1	-0.92	-2.66	-1.11	-1.56		ppb
Cadmium	108-1	-0.12	0.00	-0.17	-0.10		ppb
Calcium	43-1	94.70	87.23	99.47	93.80	6.57	ppb
Calcium	44-1	90.99	94.67	88.29	91.32	3.51	ppb
Chromium	52-2	-0.02	0.00	0.02	0.00		ppb
Cobalt	59-2	-0.02	-0.04	-0.03	-0.03		ppb
Copper	63-2	-0.07	-0.06	0.01	-0.04		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				112		%
Holmium	165-2				105		%
Indium	115-1				112		%
Indium	115-2				103		%
Iron	56-2	139.30	144.38	146.66	143.44	2.63	ppb
Iron	57-2	140.32	140.32	137.82	139.49	1.03	ppb
Lead	206-1	0.12	0.12	0.12	0.12	1.36	ppb
Lead	207-1	0.11	0.09	0.05	0.08	40.05	ppb
Lead	208-1	0.10	0.08	0.08	0.08	11.09	ppb
Lithium	6-1				106		%
Magnesium	24-2	11.08	11.95	10.39	11.14	7.01	ppb
Manganese	55-2	1.37	1.50	1.46	1.44	4.68	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-12	Instrumnet Name :	P7
Client Sample ID :	MH0QE7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:30:25	DataFile Name :	068SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.00	-0.02	-0.01		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	97-1	0.00	0.03	-0.01	0.01	311.08	ppb
Molybdenum	98-1	0.01	0.01	0.00	0.01	116.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.65	23.06	23.87	23.19	2.70	ppb
Phosphorus	31-2	-15.88	10.82	-5.45	-3.50		ppb
Potassium	39-2	6.57	14.28	24.24	15.03	58.96	ppb
Rhodium	103-1				110		%
Rhodium	103-2				103		%
Scandium	45-1				111		%
Scandium	45-2				104		%
Selenium	77-2	0.00	1.10	0.00	0.37	173.21	ppb
Selenium	78-2	1.61	0.75	2.06	1.47	45.28	ppb
Selenium	82-1	-0.06	0.29	0.25	0.16	118.39	ppb
Silicon	28-1	2.95	4.03	5.78	4.26	33.56	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	-0.01	0.00		ppb
Sodium	23-2	41.51	39.73	46.01	42.42	7.63	ppb
Strontium	86-1	0.46	0.49	0.46	0.47	3.25	ppb
Strontium	88-1	0.38	0.36	0.39	0.38	4.73	ppb
Sulfur	34-1	-924.67	-840.15	-671.07	-811.96		ppb
Terbium	159-1				111		%
Terbium	159-2				104		%
Thallium	203-1	-0.02	-0.02	-0.01	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.01	-0.02		ppb
Tin	118-1	0.00	-0.02	-0.03	-0.02		ppb
Titanium	47-1	0.06	0.08	0.07	0.07	17.63	ppb
Uranium	238-1	-0.01	-0.01	0.00	-0.01		ppb
Vanadium	51-2	0.01	0.03	0.02	0.02	38.81	ppb
Yttrium	89-1				110		%
Yttrium	89-2				104		%
Zinc	66-2	0.89	0.84	0.47	0.73	31.09	ppb
Zirconium	90-1	-0.01	0.00	-0.01	0.00		ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-12	Instrumnet Name :	P7
Client Sample ID :	MH0QE7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:30:25	DataFile Name :	068SMPL_P7102817 MS

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

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-13	Instrumnet Name :	P7
Client Sample ID :	MH0QE8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:33:51	DataFile Name :	069SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.47	3.59	1.50	2.85	41.28	ppb
Antimony	121-1	-0.04	-0.04	-0.04	-0.04		ppb
Arsenic	75-2	-0.03	-0.02	-0.01	-0.02		ppb
Barium	135-1	0.05	0.01	0.08	0.05	75.85	ppb
Barium	137-1	0.05	0.02	0.04	0.04	34.63	ppb
Beryllium	9-1	0.00	-0.01	-0.04	-0.02		ppb
Bismuth	209-1				109		%
Bismuth	209-2				101		%
Boron	10-1	-1.51	-1.20	-1.21	-1.31		ppb
Boron	11-1	-0.79	-0.85	-0.87	-0.83		ppb
Cadmium	111-1	0.01	-0.06	-0.29	-0.11		ppb
Cadmium	106-1	0.15	-0.84	-3.73	-1.47		ppb
Cadmium	108-1	-0.17	-0.11	-0.17	-0.15		ppb
Calcium	43-1	27.33	37.34	29.13	31.27	17.06	ppb
Calcium	44-1	37.04	28.60	34.89	33.51	13.09	ppb
Chromium	52-2	-0.17	-0.16	-0.06	-0.13		ppb
Cobalt	59-2	-0.04	-0.04	-0.04	-0.04		ppb
Copper	63-2	-0.07	-0.13	-0.14	-0.12		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				105		%
Indium	115-1				112		%
Indium	115-2				103		%
Iron	56-2	9.74	9.32	9.35	9.47	2.47	ppb
Iron	57-2	10.22	12.59	8.60	10.47	19.16	ppb
Lead	206-1	0.05	0.01	0.13	0.06	102.33	ppb
Lead	207-1	0.02	0.03	0.03	0.03	19.66	ppb
Lead	208-1	0.04	0.02	0.06	0.04	50.38	ppb
Lithium	6-1				104		%
Magnesium	24-2	6.28	6.68	6.01	6.32	5.35	ppb
Manganese	55-2	0.17	0.12	0.09	0.13	34.42	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-13	Instrumnet Name :	P7
Client Sample ID :	MH0QE8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:33:51	DataFile Name :	069SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	-0.03	-0.01	-0.01		ppb
Molybdenum	95-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	96-1	-0.02	-0.01	-0.02	-0.01		ppb
Molybdenum	97-1	0.01	0.02	0.00	0.01	80.66	ppb
Molybdenum	98-1	-0.01	-0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.58	3.03	2.80	2.80	7.90	ppb
Phosphorus	31-2	-5.82	5.12	-5.88	-2.19		ppb
Potassium	39-2	11.79	22.38	9.56	14.58	46.99	ppb
Rhodium	103-1				109		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				103		%
Selenium	77-2	1.08	0.00	0.00	0.36	173.21	ppb
Selenium	78-2	0.88	2.33	1.46	1.56	46.90	ppb
Selenium	82-1	-0.37	0.05	-0.01	-0.11		ppb
Silicon	28-1	1.26	4.30	1.99	2.52	63.13	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.01	0.01	0.00	0.01	20.92	ppb
Sodium	23-2	31.32	35.78	33.44	33.51	6.66	ppb
Strontium	86-1	0.28	0.25	0.19	0.24	19.70	ppb
Strontium	88-1	0.22	0.21	0.20	0.21	3.53	ppb
Sulfur	34-1	-558.20	-391.38	-202.67	-384.08		ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	0.00	0.01	-0.01	0.00		ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.01		ppb
Tin	118-1	-0.03	-0.03	-0.01	-0.02		ppb
Titanium	47-1	0.07	0.06	0.12	0.08	37.15	ppb
Uranium	238-1	-0.01	-0.01	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	117.68	ppb
Yttrium	89-1				109		%
Yttrium	89-2				104		%
Zinc	66-2	0.26	0.12	0.17	0.18	38.89	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	135.97	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-13	Instrumnet Name :	P7
Client Sample ID :	MH0QE8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:33:51	DataFile Name :	069SMPL_P7102817 MS

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

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-14	Instrumnet Name :	P7
Client Sample ID :	MH0QE9	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:37:18	DataFile Name :	070SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.23	15.37	19.43	16.68	14.31	ppb
Antimony	121-1	-0.03	-0.03	-0.03	-0.03		ppb
Arsenic	75-2	-0.01	0.00	0.01	0.00	464.09	ppb
Barium	135-1	1.66	1.76	1.63	1.69	4.06	ppb
Barium	137-1	1.56	1.57	1.65	1.59	3.08	ppb
Beryllium	9-1	0.01	-0.04	-0.04	-0.02		ppb
Bismuth	209-1				110		%
Bismuth	209-2				102		%
Boron	10-1	-1.27	-1.51	-1.19	-1.32		ppb
Boron	11-1	-0.69	-0.71	-0.66	-0.69		ppb
Cadmium	111-1	-0.10	-0.09	-0.06	-0.09		ppb
Cadmium	106-1	-1.46	-1.27	-1.00	-1.24		ppb
Cadmium	108-1	-0.17	-0.17	-0.11	-0.15		ppb
Calcium	43-1	230.68	213.91	254.88	233.16	8.83	ppb
Calcium	44-1	224.26	220.24	219.31	221.27	1.19	ppb
Chromium	52-2	-0.04	-0.03	-0.01	-0.03		ppb
Cobalt	59-2	-0.02	-0.01	-0.02	-0.02		ppb
Copper	63-2	0.11	0.09	0.15	0.12	23.88	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				111		%
Holmium	165-2				106		%
Indium	115-1				112		%
Indium	115-2				104		%
Iron	56-2	175.92	175.21	177.71	176.28	0.73	ppb
Iron	57-2	170.63	163.38	168.40	167.47	2.22	ppb
Lead	206-1	0.72	0.63	0.75	0.70	8.96	ppb
Lead	207-1	0.65	0.65	0.71	0.67	5.51	ppb
Lead	208-1	0.71	0.65	0.73	0.70	6.00	ppb
Lithium	6-1				104		%
Magnesium	24-2	22.15	20.94	23.14	22.08	4.99	ppb
Manganese	55-2	3.06	2.87	2.97	2.97	3.16	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-14	Instrumnet Name :	P7
Client Sample ID :	MH0QE9	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:37:18	DataFile Name :	070SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.01	-0.01	0.00		ppb
Molybdenum	95-1	0.01	0.00	0.01	0.01	49.93	ppb
Molybdenum	96-1	0.01	0.00	-0.01	0.00		ppb
Molybdenum	97-1	0.04	0.02	0.03	0.03	32.74	ppb
Molybdenum	98-1	0.01	0.01	0.02	0.01	46.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.62	15.66	16.02	15.77	1.38	ppb
Phosphorus	31-2	-5.91	0.17	4.05	-0.56		ppb
Potassium	39-2	11.99	17.98	25.12	18.36	35.80	ppb
Rhodium	103-1				109		%
Rhodium	103-2				104		%
Scandium	45-1				110		%
Scandium	45-2				105		%
Selenium	77-2	1.08	0.00	0.00	0.36	173.21	ppb
Selenium	78-2	-0.22	-1.51	1.45	-0.09		ppb
Selenium	82-1	-0.17	-0.20	0.08	-0.10		ppb
Silicon	28-1	28.88	24.50	24.61	26.00	9.62	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	37.30	38.56	40.76	38.87	4.51	ppb
Strontium	86-1	1.03	0.97	0.79	0.93	13.13	ppb
Strontium	88-1	0.80	0.80	0.79	0.80	0.97	ppb
Sulfur	34-1	-578.22	-572.25	-281.98	-477.48		ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	0.00	-0.02	-0.01	-0.01		ppb
Thallium	205-1	-0.02	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.01	-0.02	0.04	0.01	222.89	ppb
Titanium	47-1	0.26	0.30	0.27	0.28	7.53	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	294.47	ppb
Vanadium	51-2	0.06	0.05	0.06	0.06	6.41	ppb
Yttrium	89-1				110		%
Yttrium	89-2				105		%
Zinc	66-2	2.43	2.21	2.05	2.23	8.61	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-14	Instrumnet Name :	P7
Client Sample ID :	MH0QE9	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:37:18	DataFile Name :	070SMPL_P7102817 MS

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

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-15	Instrumnet Name :	P7
Client Sample ID :	MH0QF0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:40:44	DataFile Name :	071SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.17	3.23	3.84	3.42	10.88	ppb
Antimony	121-1	-0.05	-0.03	-0.04	-0.04		ppb
Arsenic	75-2	-0.01	-0.03	-0.02	-0.02		ppb
Barium	135-1	0.07	0.08	0.04	0.06	35.09	ppb
Barium	137-1	0.06	0.05	0.12	0.08	48.87	ppb
Beryllium	9-1	-0.04	-0.04	-0.03	-0.03		ppb
Bismuth	209-1				111		%
Bismuth	209-2				103		%
Boron	10-1	-1.70	-1.21	-1.25	-1.39		ppb
Boron	11-1	-0.84	-0.98	-0.79	-0.87		ppb
Cadmium	111-1	-0.02	0.02	0.09	0.03	190.17	ppb
Cadmium	106-1	-0.21	0.28	1.09	0.39	170.59	ppb
Cadmium	108-1	-0.12	-0.12	-0.17	-0.13		ppb
Calcium	43-1	67.33	62.60	67.98	65.97	4.46	ppb
Calcium	44-1	55.43	60.68	59.31	58.47	4.66	ppb
Chromium	52-2	-0.13	-0.13	-0.13	-0.13		ppb
Cobalt	59-2	-0.04	-0.04	-0.05	-0.04		ppb
Copper	63-2	-0.21	-0.18	-0.12	-0.17		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				112		%
Holmium	165-2				106		%
Indium	115-1				112		%
Indium	115-2				104		%
Iron	56-2	10.84	10.63	10.43	10.63	1.95	ppb
Iron	57-2	9.78	9.13	9.47	9.46	3.40	ppb
Lead	206-1	-0.02	-0.04	-0.02	-0.03		ppb
Lead	207-1	-0.01	-0.02	0.00	-0.01		ppb
Lead	208-1	-0.01	-0.03	-0.01	-0.02		ppb
Lithium	6-1				104		%
Magnesium	24-2	6.87	6.80	7.12	6.93	2.41	ppb
Manganese	55-2	0.12	0.05	0.05	0.07	54.16	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-15	Instrumnet Name :	P7
Client Sample ID :	MH0QF0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:40:44	DataFile Name :	071SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	-0.02	-0.02	-0.02		ppb
Molybdenum	95-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	96-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	97-1	0.00	0.01	0.01	0.01	72.39	ppb
Molybdenum	98-1	0.01	0.00	0.01	0.01	132.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.73	1.49	1.54	1.59	7.89	ppb
Phosphorus	31-2	-3.26	-19.09	-12.47	-11.61		ppb
Potassium	39-2	4.65	6.18	3.00	4.61	34.56	ppb
Rhodium	103-1				110		%
Rhodium	103-2				104		%
Scandium	45-1				109		%
Scandium	45-2				105		%
Selenium	77-2	0.00	0.00	1.11	0.37	173.21	ppb
Selenium	78-2	1.34	1.24	2.09	1.56	29.83	ppb
Selenium	82-1	0.40	0.54	0.55	0.50	17.36	ppb
Silicon	28-1	-1.51	-3.09	0.19	-1.47		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.01	0.00	0.00	0.00	1119.27	ppb
Sodium	23-2	22.40	25.41	19.98	22.60	12.05	ppb
Strontium	86-1	0.29	0.33	0.41	0.35	17.58	ppb
Strontium	88-1	0.27	0.28	0.29	0.28	4.41	ppb
Sulfur	34-1	-449.87	-783.00	-207.95	-480.27		ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	-0.01	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.02	-0.01	-0.02	-0.02		ppb
Tin	118-1	-0.03	-0.03	-0.03	-0.03		ppb
Titanium	47-1	0.01	0.03	-0.08	-0.01		ppb
Uranium	238-1	-0.01	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	129.83	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	0.05	-0.06	0.05	0.01	418.55	ppb
Zirconium	90-1	-0.02	0.00	0.00	-0.01		ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-15	Instrumnet Name :	P7
Client Sample ID :	MH0QF0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:40:44	DataFile Name :	071SMPL_P7102817 MS

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

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-16	Instrumnet Name :	P7
Client Sample ID :	MH0QF1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:44:11	DataFile Name :	072SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.74	1.10	1.95	1.93	42.58	ppb
Antimony	121-1	-0.03	-0.03	-0.04	-0.04		ppb
Arsenic	75-2	-0.02	-0.01	-0.03	-0.02		ppb
Barium	135-1	0.96	1.09	1.13	1.06	8.16	ppb
Barium	137-1	1.04	1.11	1.07	1.07	3.09	ppb
Beryllium	9-1	0.00	-0.04	0.00	-0.01		ppb
Bismuth	209-1				114		%
Bismuth	209-2				104		%
Boron	10-1	-0.35	-0.03	-0.85	-0.41		ppb
Boron	11-1	0.29	0.52	0.59	0.47	33.28	ppb
Cadmium	111-1	0.06	-0.03	-0.13	-0.04		ppb
Cadmium	106-1	0.72	-0.45	-1.97	-0.56		ppb
Cadmium	108-1	-0.06	-0.17	-0.12	-0.12		ppb
Calcium	43-1	78.13	68.43	87.30	77.95	12.11	ppb
Calcium	44-1	83.98	82.84	82.70	83.17	0.85	ppb
Chromium	52-2	-0.12	-0.12	-0.19	-0.14		ppb
Cobalt	59-2	-0.04	-0.04	-0.03	-0.04		ppb
Copper	63-2	-0.14	-0.09	-0.07	-0.10		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				106		%
Indium	115-1				114		%
Indium	115-2				104		%
Iron	56-2	1.57	1.68	2.45	1.90	25.35	ppb
Iron	57-2	-0.58	2.53	-0.68	0.42	432.05	ppb
Lead	206-1	-0.02	0.00	-0.03	-0.02		ppb
Lead	207-1	-0.02	-0.04	-0.05	-0.04		ppb
Lead	208-1	-0.02	-0.02	-0.04	-0.02		ppb
Lithium	6-1				106		%
Magnesium	24-2	16.33	15.67	17.86	16.62	6.77	ppb
Manganese	55-2	0.47	0.57	0.52	0.52	9.78	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-16	Instrumnet Name :	P7
Client Sample ID :	MH0QF1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:44:11	DataFile Name :	072SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	95-1	0.02	0.02	0.00	0.01	119.63	ppb
Molybdenum	96-1	-0.01	0.00	0.01	0.00	2234.55	ppb
Molybdenum	97-1	0.03	0.04	0.06	0.04	36.33	ppb
Molybdenum	98-1	0.04	0.02	0.01	0.02	69.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.29	1.41	1.49	1.40	7.10	ppb
Phosphorus	31-2	-13.10	-9.21	-18.71	-13.67		ppb
Potassium	39-2	2.91	10.03	11.35	8.10	56.04	ppb
Rhodium	103-1				111		%
Rhodium	103-2				105		%
Scandium	45-1				111		%
Scandium	45-2				105		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.10	0.00	0.91	0.27	202.92	ppb
Selenium	82-1	-0.33	0.41	-0.01	0.03	1479.25	ppb
Silicon	28-1	-1.04	-1.30	0.45	-0.63		ppb
Silver	109-1	0.00	0.00	-0.01	0.00		ppb
Silver	107-1	0.00	0.01	-0.01	0.00		ppb
Sodium	23-2	101.13	107.63	109.96	106.24	4.31	ppb
Strontium	86-1	1.03	0.80	0.83	0.89	14.15	ppb
Strontium	88-1	0.93	0.91	0.87	0.90	3.36	ppb
Sulfur	34-1	-952.14	-813.37	-720.62	-828.71		ppb
Terbium	159-1				112		%
Terbium	159-2				106		%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.02	-0.01	-0.01	-0.02		ppb
Tin	118-1	1.19	-0.04	-0.04	0.37	194.30	ppb
Titanium	47-1	-0.01	-0.01	-0.02	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				110		%
Yttrium	89-2				105		%
Zinc	66-2	0.84	0.72	0.80	0.79	7.98	ppb
Zirconium	90-1	-0.02	0.00	0.01	0.00		ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-16	Instrumnet Name :	P7
Client Sample ID :	MH0QF1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:44:11	DataFile Name :	072SMPL_P7102817 MS

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

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:47:38	DataFile Name :	073CCV_P7102817 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48639.53	48634.60	49474.31	48916.14	0.99	ppb
Antimony	121-1	482.19	507.25	489.25	492.90	2.62	ppb
Arsenic	75-2	493.89	486.12	502.81	494.27	1.69	ppb
Barium	135-1	2467.29	2571.60	2482.03	2506.97	2.25	ppb
Barium	137-1	2493.89	2627.21	2516.37	2545.82	2.80	ppb
Beryllium	9-1	513.80	537.27	519.05	523.37	2.35	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	10-1	498.33	523.21	516.22	512.59	2.50	ppb
Boron	11-1	495.21	531.66	514.63	513.83	3.55	ppb
Cadmium	111-1	490.68	517.38	493.45	500.50	2.93	ppb
Cadmium	106-1	476.20	509.33	506.10	497.21	3.67	ppb
Cadmium	108-1	482.00	502.28	484.25	489.51	2.27	ppb
Calcium	43-1	248032.12	259655.76	250563.08	252750.32	2.42	ppb
Calcium	44-1	248059.55	262586.27	250483.08	253709.63	3.07	ppb
Chromium	52-2	510.81	501.45	514.59	508.95	1.33	ppb
Cobalt	59-2	495.31	497.43	503.54	498.76	0.86	ppb
Copper	63-2	973.33	988.03	997.70	986.35	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				99		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				97		%
Iron	56-2	124557.34	123639.35	124486.47	124227.72	0.41	ppb
Iron	57-2	120518.40	120266.66	121220.28	120668.45	0.41	ppb
Lead	206-1	520.83	520.07	502.10	514.33	2.06	ppb
Lead	207-1	509.68	515.76	497.49	507.64	1.83	ppb
Lead	208-1	504.69	507.56	491.18	501.14	1.74	ppb
Lithium	6-1				92		%
Magnesium	24-2	244835.90	242708.00	246355.21	244633.04	0.75	ppb
Manganese	55-2	1010.17	997.27	1025.36	1010.93	1.39	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:47:38	DataFile Name :	073CCV_P7102817 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	491.65	518.97	502.10	504.24	2.73	ppb
Molybdenum	95-1	507.60	532.76	517.13	519.16	2.45	ppb
Molybdenum	96-1	507.14	531.75	513.51	517.47	2.47	ppb
Molybdenum	97-1	499.73	526.52	512.19	512.82	2.61	ppb
Molybdenum	98-1	491.83	521.80	507.44	507.02	2.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.80	488.70	494.79	489.76	0.94	ppb
Phosphorus	31-2	9996.65	9862.28	10237.47	10032.13	1.89	ppb
Potassium	39-2	124282.31	121548.13	125270.60	123700.35	1.56	ppb
Rhodium	103-1				91		%
Rhodium	103-2				93		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	77-2	450.85	493.64	473.65	472.72	4.53	ppb
Selenium	78-2	489.78	488.77	495.76	491.44	0.77	ppb
Selenium	82-1	482.66	507.10	496.71	495.49	2.48	ppb
Silicon	28-1	509.71	545.17	520.24	525.04	3.47	ppb
Silver	109-1	478.54	506.64	482.85	489.34	3.09	ppb
Silver	107-1	475.78	500.39	482.72	486.30	2.61	ppb
Sodium	23-2	250599.65	245953.25	249385.70	248646.20	0.97	ppb
Strontium	86-1	520.17	540.75	523.07	528.00	2.11	ppb
Strontium	88-1	518.75	547.50	519.65	528.63	3.09	ppb
Sulfur	34-1	10553.27	11769.63	10501.65	10941.51	6.56	ppb
Terbium	159-1				98		%
Terbium	159-2				102		%
Thallium	203-1	511.60	522.32	500.64	511.52	2.12	ppb
Thallium	205-1	513.99	513.24	493.29	506.84	2.32	ppb
Tin	118-1	508.51	529.56	510.69	516.25	2.24	ppb
Titanium	47-1	498.72	528.33	501.40	509.49	3.21	ppb
Uranium	238-1	507.42	513.94	495.78	505.72	1.82	ppb
Vanadium	51-2	509.21	505.18	511.74	508.71	0.65	ppb
Yttrium	89-1				96		%
Yttrium	89-2				101		%
Zinc	66-2	966.25	965.46	982.58	971.43	0.99	ppb
Zirconium	90-1	501.25	526.92	509.17	512.45	2.56	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:47:38	DataFile Name :	073CCV_P7102817 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	506.09	532.67	509.24	516.00	2.81	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:51:05	DataFile Name :	074CCBE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.75	0.94	1.14	0.94	20.75	ppb
Antimony	121-1	1.45	1.28	1.23	1.32	8.75	ppb
Arsenic	75-2	0.03	0.17	0.04	0.08	99.98	ppb
Barium	135-1	-0.03	-0.04	-0.06	-0.04		ppb
Barium	137-1	-0.03	0.00	-0.01	-0.01		ppb
Beryllium	9-1	0.15	0.12	0.11	0.12	14.53	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	13.01	12.53	10.23	11.93	12.44	ppb
Boron	11-1	12.89	11.56	9.95	11.47	12.84	ppb
Cadmium	111-1	0.02	-0.08	-0.10	-0.05		ppb
Cadmium	106-1	-0.03	-1.11	-1.35	-0.83		ppb
Cadmium	108-1	-0.11	-0.11	-0.05	-0.09		ppb
Calcium	43-1	-0.46	2.11	5.21	2.29	124.03	ppb
Calcium	44-1	10.55	4.79	4.65	6.66	50.58	ppb
Chromium	52-2	0.14	0.04	0.13	0.10	50.85	ppb
Cobalt	59-2	-0.02	-0.03	-0.03	-0.02		ppb
Copper	63-2	-0.26	-0.25	-0.07	-0.19		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	3.09	2.47	2.70	2.75	11.33	ppb
Iron	57-2	4.95	2.81	2.76	3.51	35.70	ppb
Lead	206-1	0.04	0.04	0.03	0.04	12.75	ppb
Lead	207-1	0.08	0.02	0.03	0.04	80.24	ppb
Lead	208-1	0.05	0.04	0.04	0.04	20.55	ppb
Lithium	6-1				97		%
Magnesium	24-2	2.34	2.89	1.77	2.34	23.97	ppb
Manganese	55-2	-0.08	-0.07	-0.10	-0.08		ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:51:05	DataFile Name :	074CCBE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.22	0.21	0.17	0.20	12.86	ppb
Molybdenum	95-1	0.29	0.30	0.31	0.30	3.63	ppb
Molybdenum	96-1	0.33	0.32	0.26	0.30	12.09	ppb
Molybdenum	97-1	0.39	0.28	0.27	0.31	20.26	ppb
Molybdenum	98-1	0.37	0.31	0.31	0.33	9.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.04	-0.04	-0.05		ppb
Phosphorus	31-2	12.02	-8.51	-18.74	-5.08		ppb
Potassium	39-2	24.19	21.55	25.98	23.91	9.34	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	1.13	0.00	0.00	0.38	173.21	ppb
Selenium	78-2	2.58	0.30	1.44	1.44	79.40	ppb
Selenium	82-1	0.15	0.73	0.80	0.56	63.27	ppb
Silicon	28-1	4.41	2.35	1.62	2.79	51.82	ppb
Silver	109-1	0.03	0.01	0.01	0.01	65.06	ppb
Silver	107-1	0.01	0.01	0.01	0.01	2.53	ppb
Sodium	23-2	29.01	32.92	27.70	29.88	9.09	ppb
Strontium	86-1	0.08	0.11	0.02	0.07	69.06	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	11.97	ppb
Sulfur	34-1	372.54	-130.78	-262.91	-7.05		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.26	0.25	0.19	0.24	15.76	ppb
Thallium	205-1	0.26	0.21	0.19	0.22	16.71	ppb
Tin	118-1	0.47	0.41	0.35	0.41	14.72	ppb
Titanium	47-1	0.04	0.03	0.02	0.03	26.17	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	11.38	ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	31.69	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	-0.22	-0.06	-0.36	-0.21		ppb
Zirconium	90-1	0.18	0.17	0.17	0.17	3.90	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:51:05	DataFile Name :	074CCBE_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.17	0.15	0.11	0.15	19.88	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-01	Instrumnet Name :	P7
Client Sample ID :	TWP-B-68	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:54:32	DataFile Name :	075SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1020.64	1027.49	1010.99	1019.71	0.81	ppb
Antimony	121-1	1.42	1.42	1.33	1.39	3.73	ppb
Arsenic	75-2	5.69	5.29	4.94	5.31	7.00	ppb
Barium	135-1	339.04	340.06	338.50	339.20	0.23	ppb
Barium	137-1	346.89	344.16	338.47	343.17	1.25	ppb
Beryllium	9-1	0.17	0.12	0.11	0.13	24.68	ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Boron	10-1	152.53	158.98	159.22	156.91	2.42	ppb
Boron	11-1	157.00	158.85	160.61	158.82	1.14	ppb
Cadmium	111-1	0.19	0.25	0.16	0.20	24.55	ppb
Cadmium	106-1	-0.31	0.33	0.07	0.03	1046.98	ppb
Cadmium	108-1	0.17	0.06	0.42	0.22	83.65	ppb
Calcium	43-1	110467.54	109778.36	109821.45	110022.45	0.35	ppb
Calcium	44-1	114017.67	113738.30	114109.95	113955.31	0.17	ppb
Chromium	52-2	3.88	4.00	4.04	3.97	2.04	ppb
Cobalt	59-2	1.77	1.82	1.72	1.77	2.86	ppb
Copper	63-2	19.92	20.00	20.08	20.00	0.40	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				111		%
Holmium	165-2				107		%
Indium	115-1				112		%
Indium	115-2				104		%
Iron	56-2	16916.93	17068.54	16917.42	16967.63	0.52	ppb
Iron	57-2	16669.40	16742.33	16602.69	16671.47	0.42	ppb
Lead	206-1	98.14	95.45	96.62	96.74	1.40	ppb
Lead	207-1	90.73	88.07	90.82	89.87	1.74	ppb
Lead	208-1	93.10	91.32	92.55	92.32	0.99	ppb
Lithium	6-1				107		%
Magnesium	24-2	14548.45	14635.78	14577.92	14587.38	0.30	ppb
Manganese	55-2	824.45	830.19	821.71	825.45	0.52	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-01	Instrumnet Name :	P7
Client Sample ID :	TWP-B-68	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:54:32	DataFile Name :	075SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.23	1.28	1.22	1.24	2.30	ppb
Molybdenum	95-1	2.43	2.43	2.21	2.36	5.37	ppb
Molybdenum	96-1	2.08	2.01	1.97	2.02	2.75	ppb
Molybdenum	97-1	2.44	2.33	2.21	2.33	4.83	ppb
Molybdenum	98-1	2.41	2.31	2.22	2.31	4.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.52	3.44	3.34	3.43	2.61	ppb
Phosphorus	31-2	512.03	436.99	480.92	476.64	7.91	ppb
Potassium	39-2	11635.33	11829.54	11664.16	11709.67	0.89	ppb
Rhodium	103-1				107		%
Rhodium	103-2				102		%
Scandium	45-1				113		%
Scandium	45-2				106		%
Selenium	77-2	0.00	1.07	4.31	1.79	125.27	ppb
Selenium	78-2	1.37	2.45	3.42	2.41	42.52	ppb
Selenium	82-1	-0.23	1.22	1.32	0.77	112.34	ppb
Silicon	28-1	13000.80	12969.16	13196.76	13055.57	0.94	ppb
Silver	109-1	0.23	0.28	0.27	0.26	10.23	ppb
Silver	107-1	0.22	0.25	0.30	0.26	16.61	ppb
Sodium	23-2	90208.70	90600.80	89780.57	90196.69	0.45	ppb
Strontium	86-1	606.35	597.21	596.91	600.16	0.89	ppb
Strontium	88-1	616.34	611.58	612.81	613.58	0.40	ppb
Sulfur	34-1	-1167.53	-1028.25	-1012.90	-1069.56		ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	0.26	0.23	0.20	0.23	13.63	ppb
Thallium	205-1	0.28	0.24	0.24	0.25	10.09	ppb
Tin	118-1	15.21	15.38	14.90	15.16	1.63	ppb
Titanium	47-1	17.26	16.97	18.44	17.56	4.46	ppb
Uranium	238-1	0.20	0.21	0.20	0.20	1.19	ppb
Vanadium	51-2	6.50	6.42	6.02	6.31	4.09	ppb
Yttrium	89-1				112		%
Yttrium	89-2				106		%
Zinc	66-2	115.49	118.73	115.74	116.65	1.55	ppb
Zirconium	90-1	0.89	0.85	0.84	0.86	3.01	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-01	Instrumnet Name :	P7
Client Sample ID :	TWP-B-68	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:54:32	DataFile Name :	075SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.91	0.83	0.68	0.81	14.36	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-02	Instrumnet Name :	P7
Client Sample ID :	TWP-B-75	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:57:56	DataFile Name :	076SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50.27	80.80	70.41	67.16	23.12	ppb
Antimony	121-1	0.40	0.40	0.41	0.40	1.35	ppb
Arsenic	75-2	1.71	1.68	1.72	1.70	1.27	ppb
Barium	135-1	364.38	354.59	360.42	359.79	1.37	ppb
Barium	137-1	369.95	366.48	365.86	367.43	0.60	ppb
Beryllium	9-1	0.05	0.01	0.07	0.04	64.29	ppb
Bismuth	209-1				109		%
Bismuth	209-2				100		%
Boron	10-1	209.18	209.42	215.10	211.23	1.59	ppb
Boron	11-1	202.99	208.09	220.08	210.39	4.17	ppb
Cadmium	111-1	0.00	-0.11	0.02	-0.03		ppb
Cadmium	106-1	-0.59	-1.58	0.01	-0.72		ppb
Cadmium	108-1	-0.17	0.06	-0.06	-0.06		ppb
Calcium	43-1	119283.10	116341.72	116829.95	117484.92	1.34	ppb
Calcium	44-1	122441.19	120331.49	121851.11	121541.27	0.90	ppb
Chromium	52-2	0.74	0.75	0.69	0.73	4.93	ppb
Cobalt	59-2	0.88	0.90	0.93	0.90	3.27	ppb
Copper	63-2	1.43	1.47	1.50	1.47	2.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				108		%
Indium	115-1				114		%
Indium	115-2				104		%
Iron	56-2	20540.01	20549.60	20361.00	20483.53	0.52	ppb
Iron	57-2	20309.50	20414.02	20055.19	20259.57	0.91	ppb
Lead	206-1	5.15	5.11	5.00	5.09	1.49	ppb
Lead	207-1	4.78	4.66	4.61	4.68	1.82	ppb
Lead	208-1	4.89	4.83	4.80	4.84	0.89	ppb
Lithium	6-1				105		%
Magnesium	24-2	15861.61	15878.14	15946.21	15895.32	0.28	ppb
Manganese	55-2	1114.39	1118.26	1105.50	1112.72	0.59	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-02	Instrumnet Name :	P7
Client Sample ID :	TWP-B-75	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:57:56	DataFile Name :	076SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.37	0.38	0.32	0.35	8.63	ppb
Molybdenum	95-1	0.64	0.71	0.61	0.65	7.63	ppb
Molybdenum	96-1	0.62	0.63	0.65	0.64	2.67	ppb
Molybdenum	97-1	0.70	0.72	0.62	0.68	7.63	ppb
Molybdenum	98-1	0.63	0.79	0.64	0.69	13.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.52	1.40	1.46	1.46	3.79	ppb
Phosphorus	31-2	514.92	592.95	573.66	560.51	7.25	ppb
Potassium	39-2	13596.92	13637.93	13618.22	13617.69	0.15	ppb
Rhodium	103-1				108		%
Rhodium	103-2				102		%
Scandium	45-1				111		%
Scandium	45-2				105		%
Selenium	77-2	1.08	0.00	1.07	0.72	86.61	ppb
Selenium	78-2	1.99	1.76	0.84	1.53	39.64	ppb
Selenium	82-1	1.73	2.20	1.23	1.72	28.12	ppb
Silicon	28-1	13951.96	13518.00	13495.22	13655.06	1.88	ppb
Silver	109-1	0.24	0.28	0.27	0.26	8.44	ppb
Silver	107-1	0.21	0.30	0.30	0.27	18.79	ppb
Sodium	23-2	83094.05	83391.94	82537.54	83007.84	0.52	ppb
Strontium	86-1	740.01	745.91	735.58	740.50	0.70	ppb
Strontium	88-1	763.58	756.44	753.18	757.74	0.70	ppb
Sulfur	34-1	-824.37	-944.14	-982.56	-917.02		ppb
Terbium	159-1				113		%
Terbium	159-2				107		%
Thallium	203-1	0.06	0.06	0.06	0.06	6.30	ppb
Thallium	205-1	0.04	0.03	0.08	0.05	47.32	ppb
Tin	118-1	1.65	1.76	1.83	1.74	5.16	ppb
Titanium	47-1	2.07	1.87	1.83	1.92	6.55	ppb
Uranium	238-1	0.01	0.02	0.02	0.01	37.55	ppb
Vanadium	51-2	1.55	1.44	1.45	1.48	4.07	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	23.02	22.45	22.76	22.74	1.25	ppb
Zirconium	90-1	0.28	0.28	0.28	0.28	0.85	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-02	Instrumnet Name :	P7
Client Sample ID :	TWP-B-75	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:57:56	DataFile Name :	076SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.31	0.28	0.24	0.28	12.16	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-03	Instrumnet Name :	P7
Client Sample ID :	TWP-B-70	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:01:20	DataFile Name :	077SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.44	10.89	12.17	11.83	6.97	ppb
Antimony	121-1	0.42	0.41	0.42	0.42	1.92	ppb
Arsenic	75-2	2.44	2.64	2.49	2.52	4.30	ppb
Barium	135-1	625.14	619.92	610.43	618.50	1.21	ppb
Barium	137-1	641.50	637.25	623.59	634.11	1.48	ppb
Beryllium	9-1	0.03	0.03	-0.02	0.01	217.17	ppb
Bismuth	209-1				112		%
Bismuth	209-2				101		%
Boron	10-1	32.13	29.20	27.35	29.56	8.15	ppb
Boron	11-1	31.27	30.52	30.30	30.70	1.65	ppb
Cadmium	111-1	0.49	0.58	0.46	0.51	12.66	ppb
Cadmium	106-1	-2.13	-0.46	-2.15	-1.58		ppb
Cadmium	108-1	0.35	0.35	0.52	0.40	24.25	ppb
Calcium	43-1	36865.37	36973.69	37059.57	36966.21	0.26	ppb
Calcium	44-1	37088.55	37467.60	37961.34	37505.83	1.17	ppb
Chromium	52-2	1.57	1.56	1.60	1.58	1.34	ppb
Cobalt	59-2	1.65	1.67	1.71	1.68	1.73	ppb
Copper	63-2	14.94	14.96	15.02	14.97	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				106		%
Indium	115-1				112		%
Indium	115-2				102		%
Iron	56-2	960.94	945.49	964.28	956.90	1.05	ppb
Iron	57-2	933.17	939.12	959.87	944.05	1.49	ppb
Lead	206-1	28.86	28.83	28.38	28.69	0.93	ppb
Lead	207-1	26.74	26.16	26.64	26.51	1.16	ppb
Lead	208-1	27.61	27.20	27.14	27.32	0.94	ppb
Lithium	6-1				103		%
Magnesium	24-2	4974.29	4918.55	5023.19	4972.01	1.05	ppb
Manganese	55-2	491.80	490.79	495.49	492.70	0.50	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-03	Instrumnet Name :	P7
Client Sample ID :	TWP-B-70	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:01:20	DataFile Name :	077SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.35	0.33	0.35	0.34	3.49	ppb
Molybdenum	95-1	0.88	0.95	0.99	0.94	6.41	ppb
Molybdenum	96-1	0.79	0.74	0.82	0.78	4.95	ppb
Molybdenum	97-1	0.78	0.90	0.91	0.87	8.24	ppb
Molybdenum	98-1	0.93	0.94	0.86	0.91	4.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.88	1.71	1.31	1.63	17.98	ppb
Phosphorus	31-2	28.40	37.72	54.87	40.33	33.29	ppb
Potassium	39-2	2463.64	2460.47	2476.82	2466.98	0.35	ppb
Rhodium	103-1				108		%
Rhodium	103-2				102		%
Scandium	45-1				109		%
Scandium	45-2				102		%
Selenium	77-2	1.11	0.00	0.00	0.37	173.21	ppb
Selenium	78-2	1.35	-0.35	0.75	0.58	147.73	ppb
Selenium	82-1	0.77	1.06	0.81	0.88	17.42	ppb
Silicon	28-1	4757.31	4792.03	4800.47	4783.27	0.48	ppb
Silver	109-1	0.29	0.35	0.38	0.34	12.81	ppb
Silver	107-1	0.31	0.33	0.38	0.34	10.52	ppb
Sodium	23-2	33390.89	32691.37	33751.08	33277.78	1.62	ppb
Strontium	86-1	214.86	216.81	215.72	215.80	0.45	ppb
Strontium	88-1	208.20	210.15	211.58	209.98	0.81	ppb
Sulfur	34-1	827.99	1085.49	1191.26	1034.91	18.05	ppb
Terbium	159-1				113		%
Terbium	159-2				105		%
Thallium	203-1	0.03	0.04	0.03	0.03	23.66	ppb
Thallium	205-1	0.04	0.01	0.02	0.03	52.07	ppb
Tin	118-1	1.17	1.19	1.13	1.16	2.64	ppb
Titanium	47-1	0.57	0.59	0.62	0.59	4.62	ppb
Uranium	238-1	0.06	0.04	0.04	0.04	26.01	ppb
Vanadium	51-2	0.91	0.96	0.91	0.92	2.82	ppb
Yttrium	89-1				109		%
Yttrium	89-2				103		%
Zinc	66-2	369.85	371.50	370.59	370.65	0.22	ppb
Zirconium	90-1	0.11	0.11	0.11	0.11	2.67	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-03	Instrumnet Name :	P7
Client Sample ID :	TWP-B-70	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:01:20	DataFile Name :	077SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.08	0.20	0.13	49.43	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-01	Instrumnet Name :	P7
Client Sample ID :	TWP-B-51	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:04:45	DataFile Name :	078SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1035.42	1080.98	996.32	1037.58	4.08	ppb
Antimony	121-1	2.36	2.29	2.37	2.34	1.79	ppb
Arsenic	75-2	3.48	3.83	3.59	3.63	5.01	ppb
Barium	135-1	741.33	728.72	754.77	741.61	1.76	ppb
Barium	137-1	765.81	745.97	760.02	757.27	1.35	ppb
Beryllium	9-1	0.11	0.14	0.07	0.11	31.89	ppb
Bismuth	209-1				92		%
Bismuth	209-2				87		%
Boron	10-1	852.61	854.30	885.29	864.07	2.13	ppb
Boron	11-1	887.79	900.80	919.22	902.60	1.75	ppb
Cadmium	111-1	0.62	0.64	0.49	0.58	14.11	ppb
Cadmium	106-1	1.06	0.75	-0.51	0.43	192.02	ppb
Cadmium	108-1	0.87	0.86	0.35	0.70	42.86	ppb
Calcium	43-1	258599.54	259244.01	258915.47	258919.68	0.12	ppb
Calcium	44-1	258487.49	260631.14	262555.43	260558.02	0.78	ppb
Chromium	52-2	20.66	20.66	20.99	20.77	0.91	ppb
Cobalt	59-2	3.74	3.77	3.69	3.74	1.07	ppb
Copper	63-2	28.98	29.51	29.13	29.21	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				101		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	37770.51	37866.84	37150.95	37596.10	1.03	ppb
Iron	57-2	36880.49	36800.95	36916.18	36865.87	0.16	ppb
Lead	206-1	130.34	129.98	127.82	129.38	1.05	ppb
Lead	207-1	118.97	117.60	118.17	118.25	0.58	ppb
Lead	208-1	121.51	121.61	120.95	121.35	0.29	ppb
Lithium	6-1				91		%
Magnesium	24-2	276061.52	273846.61	269168.99	273025.71	1.29	ppb
Manganese	55-2	1455.23	1460.81	1446.15	1454.06	0.51	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-01	Instrumnet Name :	P7
Client Sample ID :	TWP-B-51	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:04:45	DataFile Name :	078SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.77	1.68	1.78	1.74	2.96	ppb
Molybdenum	95-1	3.23	3.06	3.29	3.20	3.77	ppb
Molybdenum	96-1	2.83	2.85	2.93	2.87	1.73	ppb
Molybdenum	97-1	3.36	3.25	3.02	3.21	5.33	ppb
Molybdenum	98-1	3.09	3.14	3.13	3.12	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.18	10.08	9.72	9.66	4.69	ppb
Phosphorus	31-2	664.13	532.61	601.29	599.34	10.98	ppb
Potassium	39-2	82498.26	82844.33	82073.18	82471.92	0.47	ppb
Rhodium	103-1				92		%
Rhodium	103-2				90		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	2.30	2.25	4.50	3.02	42.66	ppb
Selenium	78-2	0.54	1.61	1.04	1.06	50.29	ppb
Selenium	82-1	13.18	12.34	12.66	12.72	3.33	ppb
Silicon	28-1	7896.32	8068.37	7968.36	7977.69	1.08	ppb
Silver	109-1	0.76	0.82	0.88	0.82	7.20	ppb
Silver	107-1	0.78	0.84	0.80	0.81	3.80	ppb
Sodium	23-2	2432608.03	2416719.73	2413545.04	2420957.60	0.42	ppb
Strontium	86-1	2279.40	2269.80	2327.00	2292.07	1.34	ppb
Strontium	88-1	2427.25	2408.19	2481.17	2438.87	1.55	ppb
Sulfur	34-1	169982.15	170663.06	173095.72	171246.97	0.96	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.03	0.02	0.03	0.03	13.14	ppb
Thallium	205-1	0.04	0.05	0.03	0.04	27.15	ppb
Tin	118-1	37.86	37.70	37.72	37.76	0.23	ppb
Titanium	47-1	46.53	47.09	49.09	47.57	2.83	ppb
Uranium	238-1	0.25	0.23	0.29	0.26	11.14	ppb
Vanadium	51-2	7.15	6.89	7.00	7.01	1.89	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	148.57	149.19	149.29	149.02	0.26	ppb
Zirconium	90-1	1.16	1.21	1.09	1.15	5.01	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-01	Instrumnet Name :	P7
Client Sample ID :	TWP-B-51	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:04:45	DataFile Name :	078SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.16	1.03	1.08	1.09	6.21	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-04	Instrumnet Name :	P7
Client Sample ID :	TWP-B-30	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:08:12	DataFile Name :	079SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	671.91	683.67	655.92	670.50	2.08	ppb
Antimony	121-1	2.28	2.33	2.41	2.34	2.79	ppb
Arsenic	75-2	6.00	5.68	5.69	5.79	3.19	ppb
Barium	135-1	237.38	235.09	233.54	235.33	0.82	ppb
Barium	137-1	239.73	239.82	232.56	237.37	1.76	ppb
Beryllium	9-1	0.03	0.07	0.07	0.06	40.99	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	10-1	129.82	126.75	131.18	129.25	1.76	ppb
Boron	11-1	126.03	129.16	136.55	130.58	4.14	ppb
Cadmium	111-1	0.92	0.95	0.62	0.83	22.04	ppb
Cadmium	106-1	1.79	-0.31	-1.48	0.00	201881.58	ppb
Cadmium	108-1	0.46	0.70	1.34	0.83	54.23	ppb
Calcium	43-1	68736.99	68478.19	68181.62	68465.60	0.41	ppb
Calcium	44-1	70051.91	70027.34	69752.11	69943.79	0.24	ppb
Chromium	52-2	8.80	8.47	8.61	8.63	1.90	ppb
Cobalt	59-2	1.83	1.70	1.71	1.74	4.10	ppb
Copper	63-2	37.47	37.40	36.79	37.22	1.01	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				112		%
Holmium	165-2				108		%
Indium	115-1				114		%
Indium	115-2				106		%
Iron	56-2	7450.51	7353.25	7147.94	7317.23	2.11	ppb
Iron	57-2	7345.99	7392.02	7045.56	7261.19	2.59	ppb
Lead	206-1	237.40	238.43	231.30	235.71	1.64	ppb
Lead	207-1	219.88	216.04	208.76	214.89	2.63	ppb
Lead	208-1	225.62	222.95	218.44	222.33	1.63	ppb
Lithium	6-1				108		%
Magnesium	24-2	15820.79	15665.55	15336.70	15607.68	1.58	ppb
Manganese	55-2	1733.30	1734.00	1687.77	1718.36	1.54	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-04	Instrumnet Name :	P7
Client Sample ID :	TWP-B-30	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:08:12	DataFile Name :	079SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.69	1.61	1.72	1.68	3.33	ppb
Molybdenum	95-1	3.99	4.03	4.10	4.04	1.41	ppb
Molybdenum	96-1	3.58	3.72	3.40	3.57	4.46	ppb
Molybdenum	97-1	3.83	4.16	3.65	3.88	6.63	ppb
Molybdenum	98-1	3.89	3.80	3.73	3.80	2.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.87	5.43	5.95	5.75	4.84	ppb
Phosphorus	31-2	370.01	430.88	366.20	389.03	9.33	ppb
Potassium	39-2	8267.41	8271.35	8112.35	8217.04	1.10	ppb
Rhodium	103-1				109		%
Rhodium	103-2				104		%
Scandium	45-1				115		%
Scandium	45-2				109		%
Selenium	77-2	1.06	1.05	3.10	1.73	68.21	ppb
Selenium	78-2	2.04	0.92	0.52	1.16	67.85	ppb
Selenium	82-1	1.64	1.35	1.40	1.46	10.45	ppb
Silicon	28-1	11724.57	11621.76	11820.56	11722.30	0.85	ppb
Silver	109-1	0.43	0.47	0.51	0.47	8.90	ppb
Silver	107-1	0.50	0.48	0.52	0.50	3.23	ppb
Sodium	23-2	73844.88	73410.37	71777.32	73010.86	1.49	ppb
Strontium	86-1	454.51	447.94	440.19	447.55	1.60	ppb
Strontium	88-1	464.49	453.32	445.84	454.55	2.07	ppb
Sulfur	34-1	3212.64	3099.99	3430.30	3247.64	5.17	ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	0.01	0.03	0.03	0.02	35.30	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	7.79	ppb
Tin	118-1	13.71	13.60	13.75	13.69	0.55	ppb
Titanium	47-1	45.09	18.39	20.98	28.15	52.30	ppb
Uranium	238-1	0.24	0.22	0.23	0.23	4.95	ppb
Vanadium	51-2	4.73	4.78	4.75	4.75	0.47	ppb
Yttrium	89-1				114		%
Yttrium	89-2				109		%
Zinc	66-2	394.30	391.13	381.16	388.87	1.76	ppb
Zirconium	90-1	0.59	0.53	0.81	0.64	23.23	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-04	Instrumnet Name :	P7
Client Sample ID :	TWP-B-30	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:08:12	DataFile Name :	079SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.54	0.60	0.52	0.55	7.15	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6120-04	Instrumnet Name :	P7
Client Sample ID :	B-68(1-2)-102417	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:11:37	DataFile Name :	080SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10535.08	10522.40	10481.10	10512.86	0.27	ppb
Antimony	121-1	6.30	6.11	6.03	6.15	2.27	ppb
Arsenic	75-2	9.20	9.76	9.94	9.63	4.00	ppb
Barium	135-1	485.11	490.55	471.27	482.31	2.06	ppb
Barium	137-1	495.88	491.99	477.47	488.45	1.99	ppb
Beryllium	9-1	1.18	1.16	1.11	1.15	3.01	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	18.30	16.53	15.22	16.68	9.29	ppb
Boron	11-1	18.55	18.27	17.46	18.09	3.12	ppb
Cadmium	111-1	0.84	0.79	0.84	0.82	3.61	ppb
Cadmium	106-1	2.53	0.51	2.87	1.97	64.76	ppb
Cadmium	108-1	0.83	1.39	1.29	1.17	25.45	ppb
Calcium	43-1	60607.20	61118.83	61204.59	60976.88	0.53	ppb
Calcium	44-1	61847.99	61673.19	62193.92	61905.03	0.43	ppb
Chromium	52-2	26.11	26.36	26.08	26.18	0.59	ppb
Cobalt	59-2	12.94	13.09	12.77	12.93	1.25	ppb
Copper	63-2	133.35	134.95	135.32	134.54	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				106		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	14740.07	14739.05	14638.09	14705.73	0.40	ppb
Iron	57-2	14361.81	14544.10	14399.76	14435.22	0.67	ppb
Lead	206-1	968.83	951.21	941.66	953.90	1.44	ppb
Lead	207-1	896.04	891.32	880.25	889.20	0.91	ppb
Lead	208-1	947.93	940.66	925.06	937.88	1.25	ppb
Lithium	6-1				99		%
Magnesium	24-2	4461.90	4464.66	4417.86	4448.14	0.59	ppb
Manganese	55-2	415.95	422.14	420.55	419.55	0.77	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6120-04	Instrumnet Name :	P7
Client Sample ID :	B-68(1-2)-102417	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:11:37	DataFile Name :	080SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.00	3.76	4.23	3.99	5.95	ppb
Molybdenum	95-1	2.23	1.86	2.09	2.06	9.10	ppb
Molybdenum	96-1	2.59	2.58	2.61	2.59	0.63	ppb
Molybdenum	97-1	2.06	2.05	2.16	2.09	2.73	ppb
Molybdenum	98-1	2.12	2.05	2.13	2.10	2.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.58	26.49	25.29	26.12	2.76	ppb
Phosphorus	31-2	827.24	788.93	748.24	788.14	5.01	ppb
Potassium	39-2	2537.52	2616.71	2535.28	2563.17	1.81	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	77-2	12.95	19.18	17.03	16.39	19.31	ppb
Selenium	78-2	2.51	3.88	4.59	3.66	28.94	ppb
Selenium	82-1	0.56	1.15	1.11	0.94	34.78	ppb
Silicon	28-1	3198.62	3155.25	3202.79	3185.55	0.83	ppb
Silver	109-1	0.66	0.67	0.68	0.67	1.44	ppb
Silver	107-1	0.73	0.72	0.71	0.72	1.61	ppb
Sodium	23-2	4395.84	4468.33	4420.71	4428.29	0.83	ppb
Strontium	86-1	459.47	451.04	460.48	457.00	1.13	ppb
Strontium	88-1	471.82	459.48	465.84	465.71	1.33	ppb
Sulfur	34-1	-721.63	-781.30	-466.20	-656.37		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.18	0.20	0.20	0.19	7.92	ppb
Thallium	205-1	0.18	0.17	0.18	0.18	4.64	ppb
Tin	118-1	89.36	89.85	86.46	88.56	2.07	ppb
Titanium	47-1	519.84	520.78	524.45	521.69	0.47	ppb
Uranium	238-1	0.77	0.69	0.67	0.71	7.37	ppb
Vanadium	51-2	30.36	31.42	30.59	30.79	1.81	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	539.85	544.78	539.06	541.23	0.57	ppb
Zirconium	90-1	5.07	4.85	5.08	5.00	2.57	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6120-04	Instrumnet Name :	P7
Client Sample ID :	B-68(1-2)-102417	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:11:37	DataFile Name :	080SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	5.13	5.07	5.06	5.09	0.75	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-05	Instrumnet Name :	P7
Client Sample ID :	B-3(1-2)-102517	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:15:01	DataFile Name :	081SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6742.10	6708.27	6855.24	6768.54	1.14	ppb
Antimony	121-1	5.59	5.43	5.71	5.58	2.49	ppb
Arsenic	75-2	11.81	12.88	12.61	12.43	4.48	ppb
Barium	135-1	550.53	542.07	538.65	543.75	1.12	ppb
Barium	137-1	550.52	548.09	551.92	550.18	0.35	ppb
Beryllium	9-1	0.74	0.71	0.76	0.74	3.04	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	10-1	9.55	8.93	8.42	8.97	6.31	ppb
Boron	11-1	9.62	9.63	8.85	9.37	4.80	ppb
Cadmium	111-1	4.24	4.19	4.27	4.23	0.96	ppb
Cadmium	106-1	6.12	4.00	4.59	4.90	22.33	ppb
Cadmium	108-1	5.55	5.84	4.10	5.16	18.07	ppb
Calcium	43-1	7732.75	7697.98	7709.23	7713.32	0.23	ppb
Calcium	44-1	7797.42	7684.57	7716.56	7732.85	0.75	ppb
Chromium	52-2	43.09	43.49	44.24	43.61	1.34	ppb
Cobalt	59-2	8.72	8.40	8.83	8.65	2.60	ppb
Copper	63-2	140.27	140.68	142.86	141.27	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				107		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				100		%
Iron	56-2	14846.30	14563.52	14655.81	14688.55	0.98	ppb
Iron	57-2	14610.95	14408.51	14509.37	14509.61	0.70	ppb
Lead	206-1	1602.70	1563.00	1556.33	1574.01	1.59	ppb
Lead	207-1	1459.42	1437.23	1440.93	1445.86	0.82	ppb
Lead	208-1	1504.61	1490.79	1489.89	1495.10	0.55	ppb
Lithium	6-1				100		%
Magnesium	24-2	3592.89	3562.45	3607.21	3587.52	0.64	ppb
Manganese	55-2	336.89	332.00	336.41	335.10	0.80	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-05	Instrumnet Name :	P7
Client Sample ID :	B-3(1-2)-102517	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:15:01	DataFile Name :	081SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.42	1.25	1.29	1.32	6.66	ppb
Molybdenum	95-1	1.47	1.21	1.26	1.31	10.63	ppb
Molybdenum	96-1	1.32	1.43	1.31	1.35	4.66	ppb
Molybdenum	97-1	1.24	1.33	1.24	1.27	3.90	ppb
Molybdenum	98-1	1.38	1.23	1.30	1.30	5.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.92	23.83	24.85	24.20	2.33	ppb
Phosphorus	31-2	508.22	560.94	492.27	520.48	6.90	ppb
Potassium	39-2	614.30	589.19	595.81	599.77	2.17	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	77-2	6.48	8.71	17.31	10.83	52.76	ppb
Selenium	78-2	3.80	3.48	0.33	2.53	75.70	ppb
Selenium	82-1	0.95	1.00	0.56	0.84	28.55	ppb
Silicon	28-1	1614.01	1580.15	1564.24	1586.13	1.60	ppb
Silver	109-1	0.50	0.57	0.51	0.53	7.24	ppb
Silver	107-1	0.50	0.47	0.48	0.48	3.33	ppb
Sodium	23-2	493.65	476.37	477.20	482.41	2.02	ppb
Strontium	86-1	30.32	30.36	29.46	30.05	1.70	ppb
Strontium	88-1	30.32	30.08	29.58	29.99	1.25	ppb
Sulfur	34-1	656.74	530.23	455.51	547.49	18.58	ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	0.09	0.12	0.07	0.09	25.99	ppb
Thallium	205-1	0.10	0.10	0.11	0.10	3.38	ppb
Tin	118-1	24.79	24.73	24.36	24.63	0.93	ppb
Titanium	47-1	239.68	239.26	237.50	238.81	0.48	ppb
Uranium	238-1	0.72	0.68	0.66	0.69	4.01	ppb
Vanadium	51-2	26.87	26.57	26.52	26.65	0.71	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	4102.90	4049.19	4112.59	4088.22	0.84	ppb
Zirconium	90-1	1.37	1.46	1.35	1.39	4.20	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-05	Instrumnet Name :	P7
Client Sample ID :	B-3(1-2)-102517	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:15:01	DataFile Name :	081SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.32	1.44	1.26	1.34	7.03	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-06	Instrumnet Name :	P7
Client Sample ID :	B-3(2-3)-102517	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:18:26	DataFile Name :	082SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9750.93	9732.94	9770.70	9751.52	0.19	ppb
Antimony	121-1	0.52	0.51	0.46	0.50	6.62	ppb
Arsenic	75-2	6.20	5.91	6.30	6.14	3.30	ppb
Barium	135-1	79.88	80.84	80.57	80.43	0.62	ppb
Barium	137-1	83.08	83.56	80.85	82.50	1.76	ppb
Beryllium	9-1	0.69	0.72	0.80	0.73	7.91	ppb
Bismuth	209-1				105		%
Bismuth	209-2				97		%
Boron	10-1	4.77	4.09	5.27	4.71	12.59	ppb
Boron	11-1	5.62	5.59	6.29	5.83	6.77	ppb
Cadmium	111-1	0.04	0.25	0.07	0.12	92.89	ppb
Cadmium	106-1	-1.26	1.96	-0.98	-0.09		ppb
Cadmium	108-1	0.25	0.01	0.31	0.19	82.75	ppb
Calcium	43-1	1813.25	1854.60	1822.99	1830.28	1.18	ppb
Calcium	44-1	1865.44	1861.88	1825.52	1850.95	1.19	ppb
Chromium	52-2	14.26	13.64	14.15	14.02	2.39	ppb
Cobalt	59-2	9.46	9.47	9.39	9.44	0.47	ppb
Copper	63-2	57.64	57.87	57.04	57.52	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				98		%
Iron	56-2	19660.05	19332.07	19528.43	19506.85	0.85	ppb
Iron	57-2	19059.83	18863.82	19016.84	18980.17	0.54	ppb
Lead	206-1	26.92	26.42	26.08	26.47	1.59	ppb
Lead	207-1	24.37	24.03	22.88	23.76	3.29	ppb
Lead	208-1	25.36	24.98	24.37	24.90	2.00	ppb
Lithium	6-1				100		%
Magnesium	24-2	2713.78	2720.87	2738.40	2724.35	0.47	ppb
Manganese	55-2	612.15	610.55	615.90	612.87	0.45	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-06	Instrumnet Name :	P7
Client Sample ID :	B-3(2-3)-102517	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:18:26	DataFile Name :	082SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.15	1.20	1.08	1.14	5.56	ppb
Molybdenum	95-1	0.69	0.82	0.69	0.73	9.99	ppb
Molybdenum	96-1	0.89	0.92	0.96	0.92	3.73	ppb
Molybdenum	97-1	0.76	0.87	0.80	0.81	6.95	ppb
Molybdenum	98-1	0.86	0.80	0.81	0.83	3.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.80	14.55	14.95	14.77	1.36	ppb
Phosphorus	31-2	628.21	472.53	551.79	550.84	14.13	ppb
Potassium	39-2	745.80	751.21	752.16	749.72	0.46	ppb
Rhodium	103-1				105		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	77-2	18.94	16.62	14.33	16.63	13.88	ppb
Selenium	78-2	3.26	0.60	3.38	2.41	65.17	ppb
Selenium	82-1	0.10	-0.69	-0.59	-0.39		ppb
Silicon	28-1	1417.91	1490.05	1388.62	1432.19	3.65	ppb
Silver	109-1	0.18	0.21	0.23	0.21	12.11	ppb
Silver	107-1	0.22	0.21	0.20	0.21	4.76	ppb
Sodium	23-2	343.01	337.27	345.94	342.07	1.29	ppb
Strontium	86-1	8.87	8.93	8.66	8.82	1.57	ppb
Strontium	88-1	8.87	8.90	8.59	8.79	1.92	ppb
Sulfur	34-1	-1027.77	-1316.55	-1306.49	-1216.94		ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	0.05	0.04	0.05	0.05	10.42	ppb
Thallium	205-1	0.07	0.05	0.05	0.06	16.84	ppb
Tin	118-1	1.20	1.25	1.20	1.22	2.53	ppb
Titanium	47-1	173.47	170.76	170.39	171.54	0.98	ppb
Uranium	238-1	0.94	0.90	0.88	0.90	3.35	ppb
Vanadium	51-2	21.28	21.19	21.71	21.39	1.29	ppb
Yttrium	89-1				109		%
Yttrium	89-2				103		%
Zinc	66-2	264.23	260.48	262.94	262.55	0.72	ppb
Zirconium	90-1	1.31	1.35	1.20	1.29	5.94	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-06	Instrumnet Name :	P7
Client Sample ID :	B-3(2-3)-102517	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:18:26	DataFile Name :	082SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.39	1.33	1.25	1.33	5.22	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-07	Instrumnet Name :	P7
Client Sample ID :	B-78(0.5-1.5)-102517	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:21:52	DataFile Name :	083SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15576.62	15594.14	15653.15	15607.97	0.26	ppb
Antimony	121-1	8.88	8.38	8.47	8.57	3.09	ppb
Arsenic	75-2	9.16	9.26	8.49	8.97	4.68	ppb
Barium	135-1	198.48	198.15	195.53	197.39	0.82	ppb
Barium	137-1	205.29	202.82	201.64	203.25	0.92	ppb
Beryllium	9-1	1.16	1.26	1.40	1.27	9.21	ppb
Bismuth	209-1				105		%
Bismuth	209-2				97		%
Boron	10-1	9.84	8.47	9.98	9.43	8.86	ppb
Boron	11-1	10.27	9.69	10.30	10.09	3.41	ppb
Cadmium	111-1	0.37	0.45	0.20	0.34	37.56	ppb
Cadmium	106-1	-0.04	0.98	-0.65	0.10	851.03	ppb
Cadmium	108-1	0.38	0.37	0.07	0.27	64.80	ppb
Calcium	43-1	6175.27	6273.03	6317.47	6255.25	1.16	ppb
Calcium	44-1	6307.59	6233.27	6306.62	6282.49	0.68	ppb
Chromium	52-2	33.90	34.52	34.28	34.23	0.92	ppb
Cobalt	59-2	15.34	15.57	15.71	15.54	1.20	ppb
Copper	63-2	158.79	160.46	160.93	160.06	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				101		%
Indium	115-1				107		%
Indium	115-2				96		%
Iron	56-2	39943.84	39627.30	39464.66	39678.60	0.61	ppb
Iron	57-2	38666.85	38718.92	38859.17	38748.31	0.26	ppb
Lead	206-1	443.14	437.64	433.72	438.17	1.08	ppb
Lead	207-1	402.10	399.94	395.75	399.26	0.81	ppb
Lead	208-1	411.47	406.75	404.54	407.59	0.87	ppb
Lithium	6-1				99		%
Magnesium	24-2	4829.61	4778.46	4801.59	4803.22	0.53	ppb
Manganese	55-2	1008.81	1017.82	1001.72	1009.45	0.80	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-07	Instrumnet Name :	P7
Client Sample ID :	B-78(0.5-1.5)-102517	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:21:52	DataFile Name :	083SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.64	1.46	1.60	1.56	5.96	ppb
Molybdenum	95-1	1.24	1.17	1.14	1.18	4.19	ppb
Molybdenum	96-1	1.27	1.39	1.38	1.35	5.03	ppb
Molybdenum	97-1	1.08	1.14	1.15	1.12	3.02	ppb
Molybdenum	98-1	1.22	1.09	1.13	1.15	5.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.11	27.52	27.16	27.26	0.80	ppb
Phosphorus	31-2	1004.54	950.62	966.35	973.83	2.85	ppb
Potassium	39-2	1836.90	1877.22	1840.01	1851.38	1.21	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				98		%
Selenium	77-2	29.91	25.63	23.28	26.28	12.79	ppb
Selenium	78-2	3.41	7.41	4.17	5.00	42.53	ppb
Selenium	82-1	-0.78	2.16	0.70	0.69	211.73	ppb
Silicon	28-1	744.44	742.80	776.59	754.61	2.53	ppb
Silver	109-1	0.62	0.69	0.62	0.64	5.94	ppb
Silver	107-1	0.62	0.61	0.61	0.61	1.00	ppb
Sodium	23-2	537.78	542.11	548.37	542.75	0.98	ppb
Strontium	86-1	35.15	34.18	34.34	34.56	1.51	ppb
Strontium	88-1	35.19	34.06	34.51	34.59	1.64	ppb
Sulfur	34-1	-1101.52	-1018.30	-1000.72	-1040.18		ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	0.19	0.15	0.14	0.16	18.69	ppb
Thallium	205-1	0.18	0.16	0.14	0.16	15.04	ppb
Tin	118-1	28.81	28.38	28.59	28.59	0.76	ppb
Titanium	47-1	578.00	578.89	586.70	581.20	0.82	ppb
Uranium	238-1	1.61	1.65	1.58	1.61	2.30	ppb
Vanadium	51-2	46.58	46.94	47.39	46.97	0.86	ppb
Yttrium	89-1				110		%
Yttrium	89-2				102		%
Zinc	66-2	195.69	194.00	195.05	194.91	0.44	ppb
Zirconium	90-1	1.84	1.80	1.76	1.80	2.19	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-07	Instrumnet Name :	P7
Client Sample ID :	B-78(0.5-1.5)-102517	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:21:52	DataFile Name :	083SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.66	1.84	1.98	1.83	8.87	ppb

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : I6150-08 Instrumnet Name : P7
 Client Sample ID : B-78(5-7)-102517 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 22:25:19 DataFile Name : 084SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5826.01	5774.73	5725.55	5775.43	0.87	ppb
Antimony	121-1	19.05	19.16	18.41	18.88	2.14	ppb
Arsenic	75-2	18.07	17.42	17.81	17.77	1.82	ppb
Barium	135-1	222.95	222.33	221.03	222.11	0.44	ppb
Barium	137-1	225.79	227.27	223.57	225.54	0.83	ppb
Beryllium	9-1	0.31	0.42	0.34	0.36	16.91	ppb
Bismuth	209-1				107		%
Bismuth	209-2				97		%
Boron	10-1	10.09	9.93	8.78	9.60	7.44	ppb
Boron	11-1	10.40	10.21	10.84	10.48	3.07	ppb
Cadmium	111-1	0.71	0.71	0.68	0.70	3.06	ppb
Cadmium	106-1	-0.02	-0.23	-0.36	-0.20		ppb
Cadmium	108-1	0.68	0.93	0.55	0.72	26.63	ppb
Calcium	43-1	23452.23	23471.80	22969.43	23297.82	1.22	ppb
Calcium	44-1	23790.85	23826.09	23265.09	23627.34	1.33	ppb
Chromium	52-2	18.46	19.23	18.51	18.73	2.30	ppb
Cobalt	59-2	6.88	6.97	6.87	6.91	0.81	ppb
Copper	63-2	179.48	179.08	178.72	179.09	0.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				96		%
Iron	56-2	22588.67	22468.70	22433.16	22496.85	0.36	ppb
Iron	57-2	22023.29	22146.06	21929.21	22032.86	0.49	ppb
Lead	206-1	855.27	849.17	834.87	846.44	1.24	ppb
Lead	207-1	797.33	783.21	783.02	787.85	1.04	ppb
Lead	208-1	832.40	829.37	821.98	827.91	0.65	ppb
Lithium	6-1				96		%
Magnesium	24-2	5049.45	5017.79	5084.41	5050.55	0.66	ppb
Manganese	55-2	337.32	336.86	334.54	336.24	0.44	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-08	Instrumnet Name :	P7
Client Sample ID :	B-78(5-7)-102517	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:25:19	DataFile Name :	084SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.64	1.48	1.46	1.53	6.29	ppb
Molybdenum	95-1	1.38	1.36	1.36	1.37	0.72	ppb
Molybdenum	96-1	1.51	1.53	1.55	1.53	1.05	ppb
Molybdenum	97-1	1.49	1.43	1.33	1.42	5.72	ppb
Molybdenum	98-1	1.41	1.34	1.30	1.35	3.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.26	20.52	20.26	20.35	0.75	ppb
Phosphorus	31-2	2327.47	2193.09	2047.83	2189.47	6.39	ppb
Potassium	39-2	972.26	962.36	970.93	968.52	0.55	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				95		%
Selenium	77-2	8.09	5.79	2.31	5.40	53.93	ppb
Selenium	78-2	3.50	1.16	0.76	1.81	82.01	ppb
Selenium	82-1	1.36	1.34	0.78	1.16	28.30	ppb
Silicon	28-1	1189.82	1171.40	1159.28	1173.50	1.31	ppb
Silver	109-1	0.82	0.95	0.84	0.87	8.32	ppb
Silver	107-1	0.90	0.95	0.83	0.89	6.95	ppb
Sodium	23-2	680.35	686.52	678.42	681.77	0.62	ppb
Strontium	86-1	115.04	110.54	109.24	111.61	2.72	ppb
Strontium	88-1	112.72	109.41	108.42	110.18	2.04	ppb
Sulfur	34-1	879.42	670.17	446.90	665.50	32.50	ppb
Terbium	159-1				107		%
Terbium	159-2				100		%
Thallium	203-1	0.15	0.14	0.11	0.13	13.32	ppb
Thallium	205-1	0.15	0.16	0.14	0.15	5.33	ppb
Tin	118-1	101.11	103.02	99.74	101.29	1.62	ppb
Titanium	47-1	218.36	219.66	218.71	218.91	0.31	ppb
Uranium	238-1	0.50	0.51	0.50	0.50	1.89	ppb
Vanadium	51-2	18.05	17.81	17.33	17.73	2.06	ppb
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	432.27	427.89	430.18	430.11	0.51	ppb
Zirconium	90-1	1.72	1.66	1.63	1.67	2.78	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-08	Instrumnet Name :	P7
Client Sample ID :	B-78(5-7)-102517	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:25:19	DataFile Name :	084SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.73	1.56	1.58	1.62	5.74	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-02	Instrumnet Name :	P7
Client Sample ID :	B-79(1-2)-102617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:28:45	DataFile Name :	085SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9737.77	10035.42	9503.25	9758.81	2.73	ppb
Antimony	121-1	2.23	2.23	2.10	2.18	3.36	ppb
Arsenic	75-2	11.78	11.97	11.65	11.80	1.39	ppb
Barium	135-1	497.38	494.57	482.74	491.56	1.58	ppb
Barium	137-1	501.56	498.48	494.39	498.14	0.72	ppb
Beryllium	9-1	0.73	0.71	0.61	0.68	9.26	ppb
Bismuth	209-1				106		%
Bismuth	209-2				96		%
Boron	10-1	6.52	7.16	7.90	7.19	9.59	ppb
Boron	11-1	7.25	7.61	6.70	7.19	6.41	ppb
Cadmium	111-1	1.05	1.16	0.97	1.06	9.19	ppb
Cadmium	106-1	-0.85	-1.20	-1.46	-1.17		ppb
Cadmium	108-1	1.39	1.74	1.64	1.59	11.35	ppb
Calcium	43-1	16979.55	17362.04	16843.83	17061.81	1.57	ppb
Calcium	44-1	17395.35	17542.77	17250.77	17396.29	0.84	ppb
Chromium	52-2	40.55	41.65	40.17	40.79	1.89	ppb
Cobalt	59-2	10.20	10.12	9.81	10.04	2.07	ppb
Copper	63-2	107.13	108.69	105.71	107.18	1.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				95		%
Iron	56-2	16665.90	16752.71	16133.09	16517.23	2.03	ppb
Iron	57-2	16164.45	16494.53	15821.94	16160.31	2.08	ppb
Lead	206-1	1086.46	1116.55	1085.95	1096.32	1.60	ppb
Lead	207-1	954.65	979.79	968.99	967.81	1.30	ppb
Lead	208-1	1036.51	1068.05	1047.08	1050.54	1.53	ppb
Lithium	6-1				95		%
Magnesium	24-2	3151.08	3155.03	3040.74	3115.62	2.08	ppb
Manganese	55-2	378.05	384.37	370.03	377.48	1.90	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-02	Instrumnet Name :	P7
Client Sample ID :	B-79(1-2)-102617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:28:45	DataFile Name :	085SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.87	1.84	1.77	1.83	2.91	ppb
Molybdenum	95-1	2.38	2.43	2.47	2.43	1.77	ppb
Molybdenum	96-1	2.37	2.41	2.23	2.34	4.03	ppb
Molybdenum	97-1	2.35	2.48	2.41	2.41	2.61	ppb
Molybdenum	98-1	2.43	2.42	2.42	2.42	0.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.87	20.13	19.77	19.92	0.91	ppb
Phosphorus	31-2	873.78	951.56	905.16	910.16	4.30	ppb
Potassium	39-2	751.63	749.45	736.37	745.81	1.11	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	77-2	8.11	5.86	9.03	7.67	21.26	ppb
Selenium	78-2	4.89	2.01	1.24	2.71	70.97	ppb
Selenium	82-1	1.52	0.69	1.05	1.09	37.94	ppb
Silicon	28-1	2902.10	3027.07	2891.00	2940.06	2.57	ppb
Silver	109-1	0.38	0.48	0.47	0.44	11.64	ppb
Silver	107-1	0.48	0.42	0.46	0.45	7.15	ppb
Sodium	23-2	347.11	341.99	334.94	341.35	1.79	ppb
Strontium	86-1	73.93	71.73	71.96	72.54	1.66	ppb
Strontium	88-1	72.85	71.86	71.66	72.13	0.89	ppb
Sulfur	34-1	-775.53	-540.47	-668.36	-661.45		ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	0.10	0.12	0.10	0.11	8.10	ppb
Thallium	205-1	0.11	0.11	0.08	0.10	15.48	ppb
Tin	118-1	124.33	122.11	121.12	122.52	1.34	ppb
Titanium	47-1	253.76	254.98	250.11	252.95	1.00	ppb
Uranium	238-1	0.68	0.72	0.71	0.70	2.86	ppb
Vanadium	51-2	34.17	34.58	32.27	33.68	3.66	ppb
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	573.25	573.99	548.58	565.27	2.56	ppb
Zirconium	90-1	1.48	1.46	1.49	1.47	1.02	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-02	Instrumnet Name :	P7
Client Sample ID :	B-79(1-2)-102617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:28:45	DataFile Name :	085SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.49	1.52	1.55	1.52	1.83	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-03	Instrumnet Name :	P7
Client Sample ID :	B-79(5-6)-102617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:32:11	DataFile Name :	086SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11649.35	11837.82	11556.12	11681.10	1.23	ppb
Antimony	121-1	0.47	0.51	0.48	0.49	4.17	ppb
Arsenic	75-2	4.47	4.41	4.87	4.58	5.38	ppb
Barium	135-1	116.02	112.48	112.20	113.57	1.87	ppb
Barium	137-1	116.59	115.79	114.16	115.51	1.07	ppb
Beryllium	9-1	0.65	0.66	0.81	0.71	12.53	ppb
Bismuth	209-1				106		%
Bismuth	209-2				96		%
Boron	10-1	4.27	2.99	3.65	3.64	17.63	ppb
Boron	11-1	4.23	4.75	4.62	4.54	5.94	ppb
Cadmium	111-1	0.29	0.25	0.30	0.28	10.40	ppb
Cadmium	106-1	0.49	-1.09	0.29	-0.10		ppb
Cadmium	108-1	0.56	0.55	0.62	0.58	6.59	ppb
Calcium	43-1	8050.36	8005.46	8194.39	8083.40	1.22	ppb
Calcium	44-1	8103.75	7895.80	8008.45	8002.67	1.30	ppb
Chromium	52-2	25.30	25.78	25.43	25.50	0.97	ppb
Cobalt	59-2	11.75	12.01	12.03	11.93	1.29	ppb
Copper	63-2	46.30	46.76	45.55	46.20	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				108		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				95		%
Iron	56-2	21767.84	21888.61	21385.02	21680.49	1.21	ppb
Iron	57-2	21113.60	21479.01	21241.60	21278.07	0.87	ppb
Lead	206-1	85.12	85.92	86.02	85.69	0.57	ppb
Lead	207-1	78.06	78.18	79.62	78.62	1.10	ppb
Lead	208-1	80.40	81.08	81.84	81.11	0.89	ppb
Lithium	6-1				96		%
Magnesium	24-2	3759.03	3821.06	3726.18	3768.76	1.28	ppb
Manganese	55-2	386.94	391.39	391.09	389.81	0.64	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-03	Instrumnet Name :	P7
Client Sample ID :	B-79(5-6)-102617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:32:11	DataFile Name :	086SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.66	1.60	1.68	1.65	2.47	ppb
Molybdenum	95-1	1.21	1.27	1.37	1.28	6.52	ppb
Molybdenum	96-1	1.41	1.48	1.46	1.45	2.50	ppb
Molybdenum	97-1	1.27	1.43	1.33	1.34	5.76	ppb
Molybdenum	98-1	1.31	1.29	1.27	1.29	1.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.87	17.47	16.91	17.08	1.97	ppb
Phosphorus	31-2	515.00	551.73	484.53	517.09	6.51	ppb
Potassium	39-2	683.95	710.29	685.09	693.11	2.15	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				95		%
Selenium	77-2	8.16	8.06	14.88	10.37	37.72	ppb
Selenium	78-2	0.60	2.50	2.85	1.98	61.25	ppb
Selenium	82-1	0.32	0.14	-1.06	-0.20		ppb
Silicon	28-1	1624.31	1623.57	1654.46	1634.11	1.08	ppb
Silver	109-1	0.15	0.20	0.22	0.19	19.93	ppb
Silver	107-1	0.19	0.17	0.19	0.18	6.97	ppb
Sodium	23-2	322.01	332.23	313.89	322.71	2.85	ppb
Strontium	86-1	31.12	31.98	32.37	31.82	2.02	ppb
Strontium	88-1	31.68	31.71	31.76	31.72	0.12	ppb
Sulfur	34-1	-1336.44	-1401.30	-1304.01	-1347.25		ppb
Terbium	159-1				107		%
Terbium	159-2				99		%
Thallium	203-1	0.12	0.09	0.05	0.09	41.13	ppb
Thallium	205-1	0.06	0.06	0.05	0.06	13.08	ppb
Tin	118-1	105.64	104.24	104.97	104.95	0.67	ppb
Titanium	47-1	287.68	289.38	290.91	289.32	0.56	ppb
Uranium	238-1	0.88	0.80	0.88	0.85	5.39	ppb
Vanadium	51-2	29.94	29.71	29.11	29.59	1.45	ppb
Yttrium	89-1				105		%
Yttrium	89-2				99		%
Zinc	66-2	128.44	133.91	129.44	130.60	2.23	ppb
Zirconium	90-1	1.85	1.93	1.84	1.87	2.65	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-03	Instrumnet Name :	P7
Client Sample ID :	B-79(5-6)-102617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:32:11	DataFile Name :	086SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.85	1.78	1.75	1.79	2.74	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6120-04DLX20	Instrumnet Name :	P7
Client Sample ID :	B-68(1-2)-102417	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:35:37	DataFile Name :	087SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	535.12	541.02	545.90	540.68	1.00	ppb
Antimony	121-1	0.25	0.29	0.26	0.27	8.93	ppb
Arsenic	75-2	0.31	0.53	0.60	0.48	32.11	ppb
Barium	135-1	23.18	23.27	23.01	23.15	0.58	ppb
Barium	137-1	23.45	23.64	23.79	23.63	0.73	ppb
Beryllium	9-1	0.06	0.07	-0.01	0.04	116.69	ppb
Bismuth	209-1				104		%
Bismuth	209-2				95		%
Boron	10-1	1.03	1.29	1.47	1.26	17.56	ppb
Boron	11-1	2.13	1.98	1.41	1.84	20.68	ppb
Cadmium	111-1	-0.15	-0.05	-0.18	-0.13		ppb
Cadmium	106-1	-2.28	-1.07	-2.97	-2.11		ppb
Cadmium	108-1	-0.05	0.01	-0.11	-0.05		ppb
Calcium	43-1	3116.55	2939.01	2968.59	3008.05	3.16	ppb
Calcium	44-1	3054.45	2994.69	3008.40	3019.18	1.04	ppb
Chromium	52-2	1.38	1.45	1.53	1.45	5.16	ppb
Cobalt	59-2	0.67	0.60	0.65	0.64	4.95	ppb
Copper	63-2	6.24	6.37	6.47	6.36	1.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				99		%
Indium	115-1				104		%
Indium	115-2				95		%
Iron	56-2	773.11	768.09	775.66	772.29	0.50	ppb
Iron	57-2	737.62	733.66	723.58	731.62	0.99	ppb
Lead	206-1	48.96	47.41	47.95	48.11	1.63	ppb
Lead	207-1	45.30	44.36	44.15	44.60	1.38	ppb
Lead	208-1	46.45	45.28	45.73	45.82	1.29	ppb
Lithium	6-1				94		%
Magnesium	24-2	219.34	221.91	231.20	224.15	2.79	ppb
Manganese	55-2	20.73	20.77	21.32	20.94	1.57	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6120-04DLX20	Instrumnet Name :	P7
Client Sample ID :	B-68(1-2)-102417	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:35:37	DataFile Name :	087SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.16	0.22	0.19	0.19	15.53	ppb
Molybdenum	95-1	0.10	0.09	0.11	0.10	13.98	ppb
Molybdenum	96-1	0.10	0.11	0.13	0.11	12.12	ppb
Molybdenum	97-1	0.12	0.10	0.12	0.11	12.36	ppb
Molybdenum	98-1	0.10	0.09	0.08	0.09	11.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.46	1.41	1.27	1.38	7.02	ppb
Phosphorus	31-2	25.94	28.79	25.64	26.79	6.50	ppb
Potassium	39-2	128.61	131.79	125.82	128.74	2.32	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	77-2	2.39	1.18	0.00	1.19	100.30	ppb
Selenium	78-2	1.69	0.85	1.85	1.47	36.57	ppb
Selenium	82-1	0.31	-0.32	-0.41	-0.14		ppb
Silicon	28-1	156.64	154.19	155.35	155.39	0.79	ppb
Silver	109-1	0.09	0.08	0.08	0.08	4.50	ppb
Silver	107-1	0.08	0.07	0.09	0.08	9.13	ppb
Sodium	23-2	278.86	271.78	281.19	277.28	1.77	ppb
Strontium	86-1	23.19	23.06	22.62	22.96	1.30	ppb
Strontium	88-1	23.39	22.85	22.81	23.02	1.42	ppb
Sulfur	34-1	-1041.93	-1126.86	-1191.20	-1120.00		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	4.69	4.79	4.54	4.67	2.63	ppb
Titanium	47-1	26.63	24.65	28.19	26.49	6.69	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	12.21	ppb
Vanadium	51-2	1.57	1.40	1.54	1.50	6.13	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	26.22	27.32	28.19	27.24	3.63	ppb
Zirconium	90-1	0.21	0.26	0.22	0.23	10.95	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6120-04DLX20	Instrumnet Name :	P7
Client Sample ID :	B-68(1-2)-102417	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:35:37	DataFile Name :	087SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.30	0.20	0.21	0.24	22.07	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-05DLX20	Instrumnet Name :	P7
Client Sample ID :	B-3(1-2)-102517	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:39:05	DataFile Name :	088SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	333.23	339.91	346.01	339.72	1.88	ppb
Antimony	121-1	0.19	0.28	0.25	0.24	17.67	ppb
Arsenic	75-2	0.55	0.72	0.64	0.63	13.56	ppb
Barium	135-1	27.05	26.49	28.26	27.27	3.31	ppb
Barium	137-1	26.51	27.26	26.98	26.91	1.41	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	13.91	ppb
Bismuth	209-1				104		%
Bismuth	209-2				96		%
Boron	10-1	0.81	1.51	0.59	0.97	49.48	ppb
Boron	11-1	1.39	1.13	1.16	1.22	11.50	ppb
Cadmium	111-1	0.02	0.01	0.24	0.09	139.07	ppb
Cadmium	106-1	-1.65	-1.75	0.60	-0.93		ppb
Cadmium	108-1	0.20	0.20	0.14	0.18	18.71	ppb
Calcium	43-1	382.05	411.62	392.46	395.38	3.79	ppb
Calcium	44-1	389.07	389.04	392.98	390.36	0.58	ppb
Chromium	52-2	2.17	2.28	2.27	2.24	2.84	ppb
Cobalt	59-2	0.44	0.45	0.36	0.42	12.43	ppb
Copper	63-2	6.60	6.43	6.12	6.38	3.86	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				103		%
Indium	115-2				95		%
Iron	56-2	773.14	769.61	751.92	764.89	1.49	ppb
Iron	57-2	722.52	745.28	705.46	724.42	2.76	ppb
Lead	206-1	76.07	77.15	75.90	76.37	0.89	ppb
Lead	207-1	70.55	70.34	69.02	69.97	1.19	ppb
Lead	208-1	72.43	73.07	71.78	72.43	0.89	ppb
Lithium	6-1				95		%
Magnesium	24-2	181.05	179.84	175.24	178.71	1.72	ppb
Manganese	55-2	16.32	16.75	16.33	16.47	1.49	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-05DLX20	Instrumnet Name :	P7
Client Sample ID :	B-3(1-2)-102517	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:39:05	DataFile Name :	088SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.04	0.06	0.05	20.63	ppb
Molybdenum	95-1	0.06	0.07	0.01	0.05	59.53	ppb
Molybdenum	96-1	0.08	0.06	0.07	0.07	17.26	ppb
Molybdenum	97-1	0.08	0.09	0.10	0.09	14.30	ppb
Molybdenum	98-1	0.06	0.06	0.07	0.06	10.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.20	1.12	1.07	1.13	5.62	ppb
Phosphorus	31-2	-3.23	58.96	31.73	29.15	106.94	ppb
Potassium	39-2	34.32	38.79	33.06	35.39	8.51	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	77-2	0.00	1.18	0.00	0.39	173.21	ppb
Selenium	78-2	0.47	1.26	-0.15	0.53	133.88	ppb
Selenium	82-1	0.67	0.25	0.84	0.59	51.14	ppb
Silicon	28-1	76.84	78.41	79.28	78.18	1.59	ppb
Silver	109-1	0.06	0.07	0.07	0.07	8.34	ppb
Silver	107-1	0.05	0.05	0.04	0.05	21.15	ppb
Sodium	23-2	67.80	74.05	62.36	68.07	8.60	ppb
Strontium	86-1	1.68	1.78	1.33	1.60	14.78	ppb
Strontium	88-1	1.52	1.61	1.48	1.53	4.17	ppb
Sulfur	34-1	-687.43	-694.62	-834.11	-738.72		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	1.37	1.24	1.33	1.32	4.82	ppb
Titanium	47-1	11.86	11.76	11.80	11.80	0.43	ppb
Uranium	238-1	0.02	0.03	0.03	0.03	5.43	ppb
Vanadium	51-2	1.34	1.36	1.25	1.32	4.66	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	205.78	206.06	201.92	204.59	1.13	ppb
Zirconium	90-1	0.05	0.05	0.08	0.06	27.27	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-05DLX20	Instrumnet Name :	P7
Client Sample ID :	B-3(1-2)-102517	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:39:05	DataFile Name :	088SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.09	0.06	0.08	22.31	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-06DLX20	Instrumnet Name :	P7
Client Sample ID :	B-3(2-3)-102517	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:42:32	DataFile Name :	089SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	488.49	486.02	478.46	484.32	1.08	ppb
Antimony	121-1	-0.03	-0.02	-0.01	-0.02		ppb
Arsenic	75-2	0.31	0.34	0.24	0.30	16.33	ppb
Barium	135-1	3.77	3.73	3.73	3.75	0.65	ppb
Barium	137-1	4.16	3.97	3.64	3.92	6.79	ppb
Beryllium	9-1	0.02	0.03	0.00	0.02	103.54	ppb
Bismuth	209-1				106		%
Bismuth	209-2				95		%
Boron	10-1	0.83	-0.08	0.83	0.52	99.99	ppb
Boron	11-1	0.90	0.66	0.79	0.78	15.07	ppb
Cadmium	111-1	-0.12	-0.21	-0.16	-0.17		ppb
Cadmium	106-1	-1.66	-2.85	-2.17	-2.23		ppb
Cadmium	108-1	-0.11	-0.17	-0.17	-0.15		ppb
Calcium	43-1	97.81	79.16	89.58	88.85	10.52	ppb
Calcium	44-1	89.69	81.97	86.85	86.17	4.53	ppb
Chromium	52-2	0.83	0.81	0.87	0.84	4.09	ppb
Cobalt	59-2	0.41	0.46	0.44	0.44	5.68	ppb
Copper	63-2	2.01	2.22	2.23	2.15	5.75	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				106		%
Holmium	165-2				99		%
Indium	115-1				104		%
Indium	115-2				94		%
Iron	56-2	1008.94	1012.78	1007.88	1009.87	0.26	ppb
Iron	57-2	953.94	924.56	950.47	942.99	1.70	ppb
Lead	206-1	1.50	1.46	1.39	1.45	3.88	ppb
Lead	207-1	1.28	1.27	1.25	1.27	1.28	ppb
Lead	208-1	1.39	1.37	1.28	1.35	4.62	ppb
Lithium	6-1				96		%
Magnesium	24-2	134.00	131.69	133.75	133.15	0.95	ppb
Manganese	55-2	30.66	29.66	30.02	30.11	1.68	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-06DLX20	Instrumnet Name :	P7
Client Sample ID :	B-3(2-3)-102517	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:42:32	DataFile Name :	089SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.07	0.02	0.05	46.35	ppb
Molybdenum	95-1	0.02	0.01	0.05	0.02	88.12	ppb
Molybdenum	96-1	0.01	0.02	0.04	0.02	67.65	ppb
Molybdenum	97-1	0.03	0.04	0.05	0.04	26.46	ppb
Molybdenum	98-1	0.06	0.03	0.03	0.04	40.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.71	0.78	0.64	0.71	9.77	ppb
Phosphorus	31-2	4.64	37.67	18.71	20.34	81.48	ppb
Potassium	39-2	32.29	46.97	34.31	37.86	21.02	ppb
Rhodium	103-1				101		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				93		%
Selenium	77-2	0.00	0.00	1.18	0.39	173.21	ppb
Selenium	78-2	1.14	-0.30	-0.14	0.23	338.27	ppb
Selenium	82-1	0.61	-0.29	0.48	0.26	183.36	ppb
Silicon	28-1	69.62	66.81	62.18	66.21	5.67	ppb
Silver	109-1	0.04	0.05	0.07	0.05	22.93	ppb
Silver	107-1	0.03	0.06	0.03	0.04	43.07	ppb
Sodium	23-2	55.91	56.79	52.22	54.97	4.41	ppb
Strontium	86-1	0.55	0.39	0.52	0.48	17.43	ppb
Strontium	88-1	0.45	0.45	0.37	0.42	10.51	ppb
Sulfur	34-1	-894.80	-1244.92	-1312.54	-1150.76		ppb
Terbium	159-1				106		%
Terbium	159-2				98		%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.17	0.15	0.14	0.15	10.01	ppb
Titanium	47-1	8.00	8.12	8.45	8.19	2.83	ppb
Uranium	238-1	0.03	0.05	0.04	0.04	26.86	ppb
Vanadium	51-2	1.04	1.06	1.08	1.06	2.02	ppb
Yttrium	89-1				101		%
Yttrium	89-2				95		%
Zinc	66-2	13.07	12.72	12.32	12.70	2.96	ppb
Zirconium	90-1	0.08	0.08	0.06	0.07	17.69	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-06DLX20	Instrumnet Name :	P7
Client Sample ID :	B-3(2-3)-102517	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:42:32	DataFile Name :	089SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	-0.01	0.02	0.01	167.68	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-07DLX20	Instrumnet Name :	P7
Client Sample ID :	B-78(0.5-1.5)-102517	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:46:00	DataFile Name :	090SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	803.23	807.49	789.91	800.21	1.15	ppb
Antimony	121-1	0.39	0.29	0.35	0.34	15.95	ppb
Arsenic	75-2	0.49	0.41	0.49	0.46	9.64	ppb
Barium	135-1	9.46	9.43	9.09	9.33	2.17	ppb
Barium	137-1	10.08	9.35	9.44	9.62	4.13	ppb
Beryllium	9-1	0.05	0.00	0.04	0.03	94.84	ppb
Bismuth	209-1				104		%
Bismuth	209-2				94		%
Boron	10-1	0.65	0.82	-0.08	0.46	102.56	ppb
Boron	11-1	0.78	0.55	0.70	0.68	16.73	ppb
Cadmium	111-1	-0.05	-0.18	-0.11	-0.12		ppb
Cadmium	106-1	-0.89	-2.65	-1.72	-1.75		ppb
Cadmium	108-1	-0.11	0.01	-0.17	-0.09		ppb
Calcium	43-1	349.77	364.40	338.36	350.84	3.72	ppb
Calcium	44-1	372.34	371.54	362.15	368.68	1.54	ppb
Chromium	52-2	1.81	1.75	1.90	1.82	4.21	ppb
Cobalt	59-2	0.74	0.78	0.74	0.75	2.62	ppb
Copper	63-2	7.36	7.10	7.19	7.22	1.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				94		%
Iron	56-2	2059.73	2081.77	2070.90	2070.80	0.53	ppb
Iron	57-2	1959.71	2002.39	1972.41	1978.17	1.11	ppb
Lead	206-1	21.91	21.83	21.67	21.80	0.56	ppb
Lead	207-1	19.91	20.01	19.58	19.84	1.13	ppb
Lead	208-1	20.68	20.69	20.59	20.65	0.28	ppb
Lithium	6-1				94		%
Magnesium	24-2	247.14	244.42	244.72	245.43	0.61	ppb
Manganese	55-2	51.08	52.43	52.27	51.93	1.42	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-07DLX20	Instrumnet Name :	P7
Client Sample ID :	B-78(0.5-1.5)-102517	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:46:00	DataFile Name :	090SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.07	0.06	0.06	13.78	ppb
Molybdenum	95-1	0.03	0.01	0.09	0.05	84.39	ppb
Molybdenum	96-1	0.02	0.06	0.09	0.06	58.87	ppb
Molybdenum	97-1	0.10	0.04	0.07	0.07	44.75	ppb
Molybdenum	98-1	0.07	0.05	0.06	0.06	19.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.35	1.33	1.27	1.32	2.91	ppb
Phosphorus	31-2	37.62	36.99	51.57	42.06	19.60	ppb
Potassium	39-2	99.29	92.65	98.93	96.96	3.85	ppb
Rhodium	103-1				100		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				93		%
Selenium	77-2	2.42	1.20	1.20	1.61	43.68	ppb
Selenium	78-2	-0.70	-0.71	0.72	-0.23		ppb
Selenium	82-1	0.10	-0.01	0.02	0.04	161.52	ppb
Silicon	28-1	38.15	36.74	34.29	36.39	5.37	ppb
Silver	109-1	0.07	0.05	0.06	0.06	15.25	ppb
Silver	107-1	0.06	0.06	0.06	0.06	5.05	ppb
Sodium	23-2	57.98	54.44	58.76	57.06	4.04	ppb
Strontium	86-1	1.83	1.71	1.83	1.79	3.64	ppb
Strontium	88-1	1.83	1.77	1.86	1.82	2.67	ppb
Sulfur	34-1	-881.71	-927.76	-1228.61	-1012.69		ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	-0.02	0.00	0.01	0.00		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	1.56	1.38	1.57	1.50	7.05	ppb
Titanium	47-1	29.59	29.63	29.39	29.54	0.45	ppb
Uranium	238-1	0.07	0.08	0.08	0.08	11.70	ppb
Vanadium	51-2	2.46	2.50	2.36	2.44	3.14	ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	13.14	13.48	13.63	13.41	1.88	ppb
Zirconium	90-1	0.10	0.07	0.09	0.09	16.18	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-07DLX20	Instrumnet Name :	P7
Client Sample ID :	B-78(0.5-1.5)-102517	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:46:00	DataFile Name :	090SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.09	0.08	0.09	9.53	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-08DLX20	Instrumnet Name :	P7
Client Sample ID :	B-78(5-7)-102517	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:49:27	DataFile Name :	091SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	299.56	280.75	300.46	293.59	3.79	ppb
Antimony	121-1	0.89	0.84	0.94	0.89	5.44	ppb
Arsenic	75-2	0.71	0.85	0.76	0.78	9.06	ppb
Barium	135-1	9.82	10.36	11.06	10.41	5.97	ppb
Barium	137-1	10.62	10.66	11.35	10.88	3.74	ppb
Beryllium	9-1	0.01	-0.03	0.00	-0.01		ppb
Bismuth	209-1				103		%
Bismuth	209-2				95		%
Boron	10-1	0.88	0.47	0.18	0.51	68.92	ppb
Boron	11-1	0.57	0.74	0.63	0.65	13.11	ppb
Cadmium	111-1	-0.12	-0.27	0.01	-0.12		ppb
Cadmium	106-1	-1.76	-3.86	-0.38	-2.00		ppb
Cadmium	108-1	-0.05	-0.11	-0.11	-0.09		ppb
Calcium	43-1	1130.28	1138.84	1137.35	1135.49	0.40	ppb
Calcium	44-1	1153.66	1164.99	1154.82	1157.82	0.54	ppb
Chromium	52-2	1.14	0.98	0.97	1.03	9.05	ppb
Cobalt	59-2	0.31	0.31	0.29	0.30	3.80	ppb
Copper	63-2	8.03	7.97	7.61	7.87	2.86	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				99		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	56-2	1169.59	1137.29	1137.55	1148.14	1.62	ppb
Iron	57-2	1116.78	1083.67	1103.90	1101.45	1.52	ppb
Lead	206-1	44.09	43.78	43.71	43.86	0.46	ppb
Lead	207-1	39.91	39.75	39.01	39.55	1.21	ppb
Lead	208-1	41.91	41.23	40.64	41.26	1.54	ppb
Lithium	6-1				94		%
Magnesium	24-2	257.26	253.46	260.90	257.21	1.45	ppb
Manganese	55-2	16.65	16.37	16.04	16.35	1.88	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-08DLX20	Instrumnet Name :	P7
Client Sample ID :	B-78(5-7)-102517	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:49:27	DataFile Name :	091SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.04	0.05	0.05	21.27	ppb
Molybdenum	95-1	0.04	0.05	0.05	0.05	20.19	ppb
Molybdenum	96-1	0.09	0.09	0.05	0.07	30.88	ppb
Molybdenum	97-1	0.10	0.06	0.16	0.11	49.07	ppb
Molybdenum	98-1	0.06	0.04	0.04	0.05	22.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.88	0.98	0.92	0.92	5.47	ppb
Phosphorus	31-2	121.46	95.29	121.28	112.68	13.36	ppb
Potassium	39-2	51.90	49.05	44.62	48.52	7.56	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	77-2	0.00	2.40	1.20	1.20	100.06	ppb
Selenium	78-2	0.98	0.70	0.50	0.73	32.89	ppb
Selenium	82-1	0.46	0.74	0.76	0.65	25.88	ppb
Silicon	28-1	57.03	58.35	59.52	58.30	2.13	ppb
Silver	109-1	0.06	0.06	0.08	0.07	18.93	ppb
Silver	107-1	0.09	0.09	0.05	0.07	27.79	ppb
Sodium	23-2	65.80	58.27	61.96	62.01	6.07	ppb
Strontium	86-1	5.54	6.04	5.72	5.77	4.41	ppb
Strontium	88-1	5.80	5.52	5.49	5.60	3.02	ppb
Sulfur	34-1	-860.90	-669.50	-772.51	-767.64		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.00	-0.01	0.01	0.00	4361.70	ppb
Thallium	205-1	-0.02	-0.01	-0.01	-0.01		ppb
Tin	118-1	5.02	5.12	4.96	5.03	1.62	ppb
Titanium	47-1	10.09	11.02	10.88	10.66	4.71	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	16.95	ppb
Vanadium	51-2	0.85	0.90	0.88	0.88	2.63	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	23.00	22.13	21.43	22.19	3.53	ppb
Zirconium	90-1	0.08	0.09	0.13	0.10	23.86	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-08DLX20	Instrumnet Name :	P7
Client Sample ID :	B-78(5-7)-102517	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:49:27	DataFile Name :	091SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.12	0.04	0.08	0.08	48.36	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-02DLX20	Instrumnet Name :	P7
Client Sample ID :	B-79(1-2)-102617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:52:55	DataFile Name :	092SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	508.90	512.55	475.00	498.82	4.15	ppb
Antimony	121-1	0.06	0.06	0.07	0.06	1.85	ppb
Arsenic	75-2	0.62	0.53	0.68	0.61	11.80	ppb
Barium	135-1	23.83	24.44	23.65	23.97	1.73	ppb
Barium	137-1	24.12	24.67	23.10	23.97	3.32	ppb
Beryllium	9-1	0.07	0.00	0.04	0.04	86.59	ppb
Bismuth	209-1				104		%
Bismuth	209-2				94		%
Boron	10-1	-0.63	0.12	-0.70	-0.40		ppb
Boron	11-1	0.28	0.69	0.72	0.56	43.76	ppb
Cadmium	111-1	-0.12	-0.10	0.03	-0.06		ppb
Cadmium	106-1	-2.07	-2.31	0.01	-1.45		ppb
Cadmium	108-1	-0.05	0.02	0.20	0.06	229.19	ppb
Calcium	43-1	840.42	856.03	860.68	852.38	1.25	ppb
Calcium	44-1	860.90	864.94	842.70	856.18	1.38	ppb
Chromium	52-2	2.14	2.04	2.06	2.08	2.55	ppb
Cobalt	59-2	0.48	0.46	0.48	0.47	3.10	ppb
Copper	63-2	4.50	4.74	4.61	4.62	2.63	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				104		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				93		%
Iron	56-2	866.67	888.66	851.00	868.78	2.18	ppb
Iron	57-2	819.04	849.19	801.46	823.23	2.93	ppb
Lead	206-1	56.75	55.90	56.11	56.25	0.78	ppb
Lead	207-1	49.09	49.11	48.49	48.90	0.72	ppb
Lead	208-1	51.88	51.94	51.32	51.71	0.66	ppb
Lithium	6-1				94		%
Magnesium	24-2	159.92	166.42	153.98	160.11	3.89	ppb
Manganese	55-2	19.16	19.22	17.99	18.79	3.68	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-02DLX20	Instrumnet Name :	P7
Client Sample ID :	B-79(1-2)-102617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:52:55	DataFile Name :	092SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.09	0.04	0.07	35.70	ppb
Molybdenum	95-1	0.13	0.10	0.12	0.12	9.95	ppb
Molybdenum	96-1	0.09	0.06	0.12	0.09	31.27	ppb
Molybdenum	97-1	0.09	0.09	0.19	0.12	44.18	ppb
Molybdenum	98-1	0.12	0.09	0.12	0.11	14.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	0.94	0.86	0.92	5.99	ppb
Phosphorus	31-2	19.54	65.35	36.07	40.32	57.54	ppb
Potassium	39-2	41.40	47.90	41.33	43.54	8.67	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				92		%
Selenium	77-2	0.00	0.00	1.20	0.40	173.21	ppb
Selenium	78-2	3.22	0.36	1.73	1.77	80.72	ppb
Selenium	82-1	0.55	-0.16	1.26	0.55	129.44	ppb
Silicon	28-1	145.42	146.76	143.10	145.09	1.28	ppb
Silver	109-1	0.06	0.05	0.04	0.05	15.38	ppb
Silver	107-1	0.04	0.05	0.05	0.05	7.13	ppb
Sodium	23-2	42.50	47.13	43.23	44.29	5.62	ppb
Strontium	86-1	3.63	3.67	3.61	3.64	0.83	ppb
Strontium	88-1	3.60	3.67	3.70	3.66	1.34	ppb
Sulfur	34-1	-830.21	-477.24	-584.94	-630.80		ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	0.00	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb
Tin	118-1	6.11	5.90	5.94	5.99	1.89	ppb
Titanium	47-1	13.42	12.08	12.68	12.73	5.28	ppb
Uranium	238-1	0.04	0.03	0.03	0.03	19.69	ppb
Vanadium	51-2	1.76	1.72	1.68	1.72	2.26	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	29.35	29.51	28.37	29.08	2.14	ppb
Zirconium	90-1	0.07	0.07	0.05	0.06	14.73	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-02DLX20	Instrumnet Name :	P7
Client Sample ID :	B-79(1-2)-102617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:52:55	DataFile Name :	092SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.05	0.05	0.05	6.69	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-03DLX20	Instrumnet Name :	P7
Client Sample ID :	B-79(5-6)-102617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:56:23	DataFile Name :	093SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	592.95	602.06	599.02	598.01	0.78	ppb
Antimony	121-1	0.00	0.00	-0.01	0.00		ppb
Arsenic	75-2	0.31	0.25	0.20	0.25	22.68	ppb
Barium	135-1	5.67	5.54	5.52	5.58	1.45	ppb
Barium	137-1	5.62	5.45	5.58	5.55	1.62	ppb
Beryllium	9-1	0.01	0.01	0.02	0.02	32.46	ppb
Bismuth	209-1				103		%
Bismuth	209-2				94		%
Boron	10-1	-0.48	-0.52	-0.06	-0.35		ppb
Boron	11-1	0.52	0.38	0.12	0.34	60.16	ppb
Cadmium	111-1	-0.20	-0.10	0.00	-0.10		ppb
Cadmium	106-1	-3.01	-1.32	-0.17	-1.50		ppb
Cadmium	108-1	-0.17	-0.17	-0.05	-0.13		ppb
Calcium	43-1	420.75	382.86	383.45	395.69	5.49	ppb
Calcium	44-1	420.51	402.93	397.36	406.93	2.97	ppb
Chromium	52-2	1.33	1.22	1.44	1.33	8.28	ppb
Cobalt	59-2	0.56	0.62	0.51	0.56	10.16	ppb
Copper	63-2	1.55	1.35	1.68	1.53	10.85	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				104		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	56-2	1106.11	1094.48	1142.88	1114.49	2.27	ppb
Iron	57-2	1044.09	1064.97	1086.36	1065.14	1.98	ppb
Lead	206-1	4.56	4.09	4.23	4.30	5.60	ppb
Lead	207-1	4.17	3.84	3.92	3.98	4.34	ppb
Lead	208-1	4.34	4.01	4.01	4.12	4.55	ppb
Lithium	6-1				95		%
Magnesium	24-2	188.83	181.19	190.93	186.98	2.74	ppb
Manganese	55-2	19.32	19.08	20.04	19.48	2.55	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-03DLX20	Instrumnet Name :	P7
Client Sample ID :	B-79(5-6)-102617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:56:23	DataFile Name :	093SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.08	0.07	0.07	11.72	ppb
Molybdenum	95-1	0.03	0.07	0.04	0.04	41.39	ppb
Molybdenum	96-1	0.05	0.05	0.08	0.06	26.66	ppb
Molybdenum	97-1	0.12	0.10	0.00	0.08	82.55	ppb
Molybdenum	98-1	0.06	0.05	0.07	0.06	22.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.85	0.87	0.92	0.88	4.49	ppb
Phosphorus	31-2	34.05	25.91	19.78	26.58	26.93	ppb
Potassium	39-2	34.75	31.08	45.93	37.25	20.77	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				92		%
Selenium	77-2	1.21	0.00	0.00	0.40	173.21	ppb
Selenium	78-2	1.15	0.50	2.40	1.35	71.33	ppb
Selenium	82-1	-0.01	-0.18	0.33	0.05	548.02	ppb
Silicon	28-1	86.55	82.25	78.21	82.34	5.06	ppb
Silver	109-1	0.02	0.04	0.04	0.03	26.49	ppb
Silver	107-1	0.03	0.03	0.03	0.03	3.65	ppb
Sodium	23-2	38.39	40.45	45.57	41.47	8.92	ppb
Strontium	86-1	1.64	1.75	1.66	1.68	3.65	ppb
Strontium	88-1	1.68	1.55	1.53	1.58	5.23	ppb
Sulfur	34-1	-288.19	-351.73	-755.43	-465.12		ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	-0.01	-0.02	0.00	-0.01		ppb
Thallium	205-1	-0.01	-0.02	0.00	-0.01		ppb
Tin	118-1	5.71	5.45	5.40	5.52	3.03	ppb
Titanium	47-1	15.26	14.36	14.64	14.75	3.12	ppb
Uranium	238-1	0.05	0.04	0.03	0.04	26.90	ppb
Vanadium	51-2	1.41	1.28	1.52	1.40	8.59	ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	6.42	6.15	7.07	6.55	7.18	ppb
Zirconium	90-1	0.10	0.09	0.08	0.09	8.34	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-03DLX20	Instrumnet Name :	P7
Client Sample ID :	B-79(5-6)-102617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:56:23	DataFile Name :	093SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.11	0.06	0.06	0.08	38.69	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-01DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-B-68	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:59:51	DataFile Name :	094SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51.42	48.56	54.48	51.48	5.75	ppb
Antimony	121-1	0.00	0.01	-0.01	0.00		ppb
Arsenic	75-2	0.25	0.15	0.27	0.22	30.29	ppb
Barium	135-1	15.82	16.03	16.71	16.19	2.89	ppb
Barium	137-1	16.37	16.09	16.77	16.41	2.09	ppb
Beryllium	9-1	-0.01	-0.03	-0.03	-0.02		ppb
Bismuth	209-1				104		%
Bismuth	209-2				95		%
Boron	10-1	6.55	8.75	7.18	7.49	15.10	ppb
Boron	11-1	7.42	7.38	7.33	7.38	0.58	ppb
Cadmium	111-1	-0.14	-0.14	-0.18	-0.15		ppb
Cadmium	106-1	-1.73	-1.79	-2.48	-2.00		ppb
Cadmium	108-1	0.08	-0.17	-0.05	-0.05		ppb
Calcium	43-1	5473.54	5364.90	5452.31	5430.25	1.06	ppb
Calcium	44-1	5537.34	5423.50	5483.68	5481.50	1.04	ppb
Chromium	52-2	0.33	0.39	0.37	0.36	7.55	ppb
Cobalt	59-2	0.04	0.02	0.04	0.03	38.79	ppb
Copper	63-2	0.23	0.34	0.33	0.30	18.72	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				104		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				94		%
Iron	56-2	897.47	874.96	880.74	884.39	1.32	ppb
Iron	57-2	828.52	839.75	845.46	837.91	1.03	ppb
Lead	206-1	4.81	4.76	4.76	4.78	0.63	ppb
Lead	207-1	4.45	4.48	4.36	4.43	1.45	ppb
Lead	208-1	4.58	4.50	4.62	4.57	1.30	ppb
Lithium	6-1				95		%
Magnesium	24-2	724.45	730.35	744.42	733.07	1.40	ppb
Manganese	55-2	41.76	40.25	40.74	40.91	1.88	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-01DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-B-68	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:59:51	DataFile Name :	094SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.04	0.05	0.03	46.37	ppb
Molybdenum	95-1	0.05	0.06	0.04	0.05	25.06	ppb
Molybdenum	96-1	0.07	0.06	0.11	0.08	30.31	ppb
Molybdenum	97-1	0.12	0.13	0.11	0.12	11.04	ppb
Molybdenum	98-1	0.09	0.12	0.13	0.11	17.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.13	0.10	0.18	0.14	28.92	ppb
Phosphorus	31-2	23.43	44.57	18.86	28.95	47.37	ppb
Potassium	39-2	555.69	596.76	588.31	580.25	3.74	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				93		%
Selenium	77-2	0.00	1.21	0.00	0.40	173.21	ppb
Selenium	78-2	0.11	1.14	1.36	0.87	76.22	ppb
Selenium	82-1	0.35	0.12	0.35	0.27	49.23	ppb
Silicon	28-1	642.07	630.64	629.73	634.15	1.08	ppb
Silver	109-1	0.05	0.03	0.04	0.04	26.20	ppb
Silver	107-1	0.03	0.04	0.03	0.03	15.75	ppb
Sodium	23-2	4551.98	4494.38	4528.09	4524.82	0.64	ppb
Strontium	86-1	29.39	29.05	29.15	29.20	0.61	ppb
Strontium	88-1	29.47	29.21	29.27	29.32	0.46	ppb
Sulfur	34-1	-203.44	-792.14	-512.75	-502.78		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	-0.02	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.02	-0.02	-0.01	-0.02		ppb
Tin	118-1	0.67	0.73	0.66	0.69	5.38	ppb
Titanium	47-1	1.08	1.05	0.82	0.98	14.13	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	54.10	ppb
Vanadium	51-2	0.23	0.29	0.29	0.27	13.13	ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	9.53	8.57	9.85	9.32	7.15	ppb
Zirconium	90-1	0.03	0.05	0.04	0.04	18.45	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-01DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-B-68	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:59:51	DataFile Name :	094SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.00	0.05	0.03	76.42	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-02DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-B-75	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 23:03:20	DataFile Name :	095SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.07	2.64	3.09	2.93	8.67	ppb
Antimony	121-1	-0.03	-0.03	-0.01	-0.03		ppb
Arsenic	75-2	0.07	0.08	0.04	0.07	30.77	ppb
Barium	135-1	17.35	16.89	16.99	17.08	1.42	ppb
Barium	137-1	18.05	17.88	17.70	17.88	0.96	ppb
Beryllium	9-1	-0.03	-0.03	-0.02	-0.03		ppb
Bismuth	209-1				103		%
Bismuth	209-2				94		%
Boron	10-1	8.47	9.27	10.06	9.27	8.57	ppb
Boron	11-1	9.68	10.05	10.06	9.93	2.16	ppb
Cadmium	111-1	-0.03	-0.17	-0.09	-0.10		ppb
Cadmium	106-1	-0.43	-2.15	-1.04	-1.21		ppb
Cadmium	108-1	-0.17	-0.11	-0.05	-0.11		ppb
Calcium	43-1	5930.95	5972.05	5909.40	5937.47	0.54	ppb
Calcium	44-1	5886.39	5911.11	5858.82	5885.44	0.44	ppb
Chromium	52-2	0.14	0.14	0.21	0.16	23.17	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	354.09	ppb
Copper	63-2	-0.61	-0.67	-0.71	-0.66		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				98		%
Indium	115-1				101		%
Indium	115-2				93		%
Iron	56-2	1056.46	1081.08	1089.03	1075.52	1.58	ppb
Iron	57-2	1006.39	1025.32	1026.19	1019.30	1.10	ppb
Lead	206-1	0.38	0.36	0.33	0.36	7.38	ppb
Lead	207-1	0.43	0.36	0.32	0.37	14.28	ppb
Lead	208-1	0.39	0.37	0.34	0.36	7.53	ppb
Lithium	6-1				95		%
Magnesium	24-2	798.39	820.22	826.32	814.97	1.80	ppb
Manganese	55-2	55.11	56.84	55.82	55.92	1.55	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-02DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-B-75	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 23:03:20	DataFile Name :	095SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	-0.01	0.00	0.00		ppb
Molybdenum	95-1	0.02	0.00	0.02	0.01	68.00	ppb
Molybdenum	96-1	0.01	0.01	0.00	0.01	40.72	ppb
Molybdenum	97-1	0.04	0.02	0.05	0.04	47.77	ppb
Molybdenum	98-1	0.02	0.03	0.02	0.02	28.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.03	0.06	0.04	38.62	ppb
Phosphorus	31-2	26.95	1.07	19.76	15.93	83.90	ppb
Potassium	39-2	683.22	706.54	672.20	687.32	2.55	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				92		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.39	1.62	2.75	1.59	74.27	ppb
Selenium	82-1	0.74	0.06	-0.10	0.23	191.63	ppb
Silicon	28-1	664.29	671.62	663.35	666.42	0.68	ppb
Silver	109-1	0.04	0.02	0.03	0.03	25.45	ppb
Silver	107-1	0.03	0.04	0.04	0.03	10.31	ppb
Sodium	23-2	4231.93	4193.99	4241.52	4222.48	0.60	ppb
Strontium	86-1	35.43	35.47	36.48	35.79	1.65	ppb
Strontium	88-1	35.81	36.14	36.71	36.22	1.26	ppb
Sulfur	34-1	-804.90	-559.67	-687.93	-684.17		ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	-0.01	-0.02	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.02	-0.02	-0.01		ppb
Tin	118-1	0.14	0.13	0.11	0.13	13.11	ppb
Titanium	47-1	0.09	0.15	0.10	0.11	28.19	ppb
Uranium	238-1	0.00	0.00	-0.01	0.00		ppb
Vanadium	51-2	0.05	0.08	0.07	0.07	15.94	ppb
Yttrium	89-1				98		%
Yttrium	89-2				93		%
Zinc	66-2	1.02	0.80	0.80	0.87	14.88	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	47.08	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-02DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-B-75	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 23:03:20	DataFile Name :	095SMPL_P7102817 MS

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

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-03DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-B-70	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 23:06:48	DataFile Name :	096SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.31	3.09	0.17	1.52	96.57	ppb
Antimony	121-1	-0.02	-0.02	-0.03	-0.03		ppb
Arsenic	75-2	0.14	0.11	0.06	0.10	38.66	ppb
Barium	135-1	29.70	30.18	29.07	29.65	1.88	ppb
Barium	137-1	29.59	29.85	30.13	29.86	0.90	ppb
Beryllium	9-1	-0.03	-0.01	-0.01	-0.02		ppb
Bismuth	209-1				103		%
Bismuth	209-2				94		%
Boron	10-1	0.49	0.71	0.45	0.55	25.74	ppb
Boron	11-1	1.30	1.42	1.12	1.28	11.70	ppb
Cadmium	111-1	-0.02	-0.10	-0.12	-0.08		ppb
Cadmium	106-1	-0.80	-1.78	-2.17	-1.58		ppb
Cadmium	108-1	-0.05	0.08	-0.11	-0.03		ppb
Calcium	43-1	1717.67	1773.39	1780.80	1757.29	1.96	ppb
Calcium	44-1	1815.67	1788.04	1794.04	1799.25	0.81	ppb
Chromium	52-2	0.21	0.14	0.15	0.16	23.01	ppb
Cobalt	59-2	0.04	0.03	0.03	0.03	7.34	ppb
Copper	63-2	-0.11	-0.07	-0.08	-0.09		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				103		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				93		%
Iron	56-2	46.80	47.38	47.89	47.36	1.15	ppb
Iron	57-2	44.05	43.82	40.51	42.79	4.63	ppb
Lead	206-1	1.56	1.62	1.54	1.57	2.63	ppb
Lead	207-1	1.35	1.48	1.38	1.40	5.02	ppb
Lead	208-1	1.47	1.49	1.43	1.46	2.07	ppb
Lithium	6-1				95		%
Magnesium	24-2	246.11	240.06	250.52	245.56	2.14	ppb
Manganese	55-2	24.11	24.04	24.00	24.05	0.25	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-03DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-B-70	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 23:06:48	DataFile Name :	096SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	-0.02	0.03	0.00	468.21	ppb
Molybdenum	95-1	0.02	0.03	0.02	0.02	22.41	ppb
Molybdenum	96-1	0.02	0.03	0.02	0.02	24.50	ppb
Molybdenum	97-1	0.08	0.02	0.06	0.05	57.95	ppb
Molybdenum	98-1	0.03	0.04	0.06	0.04	40.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.12	0.09	0.06	0.09	35.79	ppb
Phosphorus	31-2	1.36	-2.68	4.44	1.04	343.15	ppb
Potassium	39-2	112.03	122.74	124.24	119.67	5.57	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				91		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.67	-0.23	0.38	-0.17		ppb
Selenium	82-1	0.34	-0.92	0.50	-0.03		ppb
Silicon	28-1	231.89	237.14	233.79	234.27	1.13	ppb
Silver	109-1	0.04	0.03	0.03	0.03	11.64	ppb
Silver	107-1	0.04	0.02	0.05	0.04	33.60	ppb
Sodium	23-2	1674.51	1651.33	1670.01	1665.28	0.74	ppb
Strontium	86-1	10.15	10.07	10.65	10.29	3.07	ppb
Strontium	88-1	10.52	10.49	10.72	10.58	1.17	ppb
Sulfur	34-1	-337.60	-420.73	-450.37	-402.90		ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	-0.01	-0.02	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.02	-0.01		ppb
Tin	118-1	0.08	0.07	0.04	0.06	30.89	ppb
Titanium	47-1	0.04	0.00	-0.03	0.00	843.61	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.06	0.06	0.02	0.05	41.43	ppb
Yttrium	89-1				97		%
Yttrium	89-2				93		%
Zinc	66-2	17.90	17.35	18.33	17.86	2.76	ppb
Zirconium	90-1	0.02	-0.02	0.00	0.00	1415.26	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-03DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-B-70	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 23:06:48	DataFile Name :	096SMPL_P7102817 MS

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

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : I6175-01DLX20 Instrumnet Name : P7
 Client Sample ID : TWP-B-51 Dilution Factor : 20
 Date & Time Acquired :: 2017-10-28 23:10:17 DataFile Name : 097SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	57.45	53.82	57.66	56.31	3.83	ppb
Antimony	121-1	0.04	0.07	0.06	0.05	30.67	ppb
Arsenic	75-2	0.29	0.20	0.21	0.23	21.32	ppb
Barium	135-1	37.02	35.90	36.92	36.61	1.70	ppb
Barium	137-1	38.06	37.38	38.98	38.14	2.10	ppb
Beryllium	9-1	-0.01	-0.01	-0.03	-0.02		ppb
Bismuth	209-1				100		%
Bismuth	209-2				92		%
Boron	10-1	37.02	39.22	42.08	39.44	6.43	ppb
Boron	11-1	41.36	42.16	43.23	42.25	2.22	ppb
Cadmium	111-1	-0.21	-0.03	-0.04	-0.09		ppb
Cadmium	106-1	-3.04	-0.74	-0.79	-1.52		ppb
Cadmium	108-1	-0.11	-0.17	-0.11	-0.13		ppb
Calcium	43-1	13112.59	13124.08	12647.87	12961.52	2.10	ppb
Calcium	44-1	12679.24	12676.70	12510.84	12622.26	0.76	ppb
Chromium	52-2	1.09	1.22	1.14	1.15	5.93	ppb
Cobalt	59-2	0.12	0.13	0.14	0.13	8.11	ppb
Copper	63-2	0.77	0.77	0.77	0.77	0.11	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				98		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	56-2	2014.37	2028.62	2039.06	2027.35	0.61	ppb
Iron	57-2	1936.83	1931.81	1991.40	1953.35	1.69	ppb
Lead	206-1	6.49	6.76	6.92	6.72	3.24	ppb
Lead	207-1	6.08	6.07	6.03	6.06	0.41	ppb
Lead	208-1	6.32	6.31	6.48	6.37	1.52	ppb
Lithium	6-1				94		%
Magnesium	24-2	13706.47	13850.65	13628.09	13728.40	0.82	ppb
Manganese	55-2	74.60	76.02	75.27	75.30	0.95	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-01DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-B-51	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 23:10:17	DataFile Name :	097SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.10	0.07	0.08	17.59	ppb
Molybdenum	95-1	0.16	0.21	0.17	0.18	14.91	ppb
Molybdenum	96-1	0.15	0.13	0.12	0.13	14.40	ppb
Molybdenum	97-1	0.17	0.14	0.17	0.16	12.83	ppb
Molybdenum	98-1	0.16	0.13	0.17	0.15	13.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.54	0.50	0.54	0.53	4.20	ppb
Phosphorus	31-2	11.60	26.20	47.76	28.52	63.77	ppb
Potassium	39-2	4037.43	4068.56	3992.51	4032.83	0.95	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.37	0.33	1.73	1.14	63.72	ppb
Selenium	82-1	0.75	1.48	1.36	1.20	32.35	ppb
Silicon	28-1	413.35	410.75	400.78	408.29	1.62	ppb
Silver	109-1	0.03	0.05	0.05	0.05	27.16	ppb
Silver	107-1	0.05	0.04	0.05	0.05	15.18	ppb
Sodium	23-2	125741.19	125351.29	123101.39	124731.29	1.14	ppb
Strontium	86-1	117.99	120.81	118.04	118.95	1.36	ppb
Strontium	88-1	117.07	119.13	116.02	117.41	1.35	ppb
Sulfur	34-1	8801.69	8583.28	8435.04	8606.67	2.14	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	-0.01	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.02	-0.01	-0.01	-0.01		ppb
Tin	118-1	1.85	2.00	1.93	1.93	4.09	ppb
Titanium	47-1	2.33	2.49	2.22	2.35	5.72	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	25.64	ppb
Vanadium	51-2	0.35	0.36	0.40	0.37	7.48	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	9.47	9.62	8.78	9.29	4.83	ppb
Zirconium	90-1	0.06	0.06	0.07	0.06	13.44	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-01DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-B-51	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 23:10:17	DataFile Name :	097SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.02	-0.01	0.02	148.06	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-04DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-B-30	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 23:13:45	DataFile Name :	098SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29.54	36.34	36.14	34.01	11.38	ppb
Antimony	121-1	0.11	0.07	0.05	0.07	38.94	ppb
Arsenic	75-2	0.24	0.29	0.22	0.25	14.18	ppb
Barium	135-1	11.40	10.66	10.77	10.94	3.65	ppb
Barium	137-1	10.82	11.68	11.44	11.32	3.92	ppb
Beryllium	9-1	-0.01	-0.02	0.01	-0.01		ppb
Bismuth	209-1				104		%
Bismuth	209-2				94		%
Boron	10-1	5.90	5.89	5.65	5.81	2.47	ppb
Boron	11-1	5.82	6.82	6.63	6.42	8.32	ppb
Cadmium	111-1	-0.05	0.01	-0.15	-0.06		ppb
Cadmium	106-1	-1.43	-0.10	-2.16	-1.23		ppb
Cadmium	108-1	-0.05	-0.11	-0.05	-0.07		ppb
Calcium	43-1	3363.92	3358.98	3289.93	3337.61	1.24	ppb
Calcium	44-1	3437.83	3389.07	3340.78	3389.23	1.43	ppb
Chromium	52-2	0.43	0.40	0.44	0.42	4.88	ppb
Cobalt	59-2	0.04	0.05	0.06	0.05	15.62	ppb
Copper	63-2	1.16	1.13	1.01	1.10	6.85	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				104		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				93		%
Iron	56-2	389.90	393.29	396.85	393.35	0.88	ppb
Iron	57-2	365.71	370.54	364.61	366.95	0.86	ppb
Lead	206-1	11.63	11.27	11.55	11.48	1.63	ppb
Lead	207-1	10.68	10.07	10.26	10.34	2.98	ppb
Lead	208-1	11.00	10.51	10.61	10.71	2.43	ppb
Lithium	6-1				96		%
Magnesium	24-2	794.71	843.36	808.48	815.52	3.08	ppb
Manganese	55-2	86.45	86.95	87.66	87.02	0.70	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-04DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-B-30	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 23:13:45	DataFile Name :	098SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.06	0.06	0.06	3.23	ppb
Molybdenum	95-1	0.17	0.23	0.13	0.18	29.54	ppb
Molybdenum	96-1	0.13	0.14	0.20	0.16	25.13	ppb
Molybdenum	97-1	0.19	0.24	0.15	0.20	22.92	ppb
Molybdenum	98-1	0.17	0.18	0.15	0.17	9.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.30	0.36	0.41	0.36	16.21	ppb
Phosphorus	31-2	38.00	0.97	34.14	24.37	83.54	ppb
Potassium	39-2	399.70	401.28	409.75	403.58	1.34	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				92		%
Selenium	77-2	2.46	1.23	1.21	1.63	43.81	ppb
Selenium	78-2	1.21	0.17	0.95	0.78	69.25	ppb
Selenium	82-1	-0.65	0.07	0.42	-0.05		ppb
Silicon	28-1	587.26	579.60	570.76	579.21	1.43	ppb
Silver	109-1	0.02	0.05	0.02	0.03	67.94	ppb
Silver	107-1	0.06	0.04	0.04	0.05	26.74	ppb
Sodium	23-2	3710.65	3761.73	3705.35	3725.91	0.84	ppb
Strontium	86-1	21.66	22.30	21.78	21.91	1.57	ppb
Strontium	88-1	22.10	22.15	21.63	21.96	1.31	ppb
Sulfur	34-1	62.21	185.21	-20.66	75.59	137.04	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	-0.02	-0.02	-0.01	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.74	0.76	0.65	0.72	8.54	ppb
Titanium	47-1	0.94	0.71	0.81	0.82	14.30	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	41.52	ppb
Vanadium	51-2	0.24	0.25	0.25	0.25	1.29	ppb
Yttrium	89-1				98		%
Yttrium	89-2				93		%
Zinc	66-2	18.43	19.08	18.00	18.50	2.94	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	27.64	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-04DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-B-30	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 23:13:45	DataFile Name :	098SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	-0.02	0.03	0.01	323.22	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 23:17:12	DataFile Name :	099SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48547.71	49426.91	49231.72	49068.78	0.94	ppb
Antimony	121-1	473.59	474.44	476.73	474.92	0.34	ppb
Arsenic	75-2	492.40	495.95	490.64	492.99	0.55	ppb
Barium	135-1	2422.90	2435.73	2447.45	2435.36	0.50	ppb
Barium	137-1	2521.86	2529.31	2544.10	2531.76	0.45	ppb
Beryllium	9-1	507.52	507.26	515.96	510.25	0.97	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Boron	10-1	499.38	510.95	497.52	502.62	1.45	ppb
Boron	11-1	490.85	503.73	507.26	500.61	1.73	ppb
Cadmium	111-1	477.30	477.84	486.41	480.52	1.06	ppb
Cadmium	106-1	488.01	485.24	486.62	486.62	0.28	ppb
Cadmium	108-1	479.70	476.23	475.12	477.02	0.50	ppb
Calcium	43-1	252666.69	247828.52	250004.36	250166.53	0.97	ppb
Calcium	44-1	253911.58	247934.88	250485.02	250777.16	1.20	ppb
Chromium	52-2	512.53	524.58	516.69	517.94	1.18	ppb
Cobalt	59-2	502.41	506.34	509.20	505.98	0.67	ppb
Copper	63-2	991.37	1011.05	1005.52	1002.65	1.01	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				102		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	125026.02	128361.60	126784.15	126723.92	1.32	ppb
Iron	57-2	121238.84	123186.45	122705.92	122377.07	0.83	ppb
Lead	206-1	530.32	503.96	521.05	518.44	2.58	ppb
Lead	207-1	518.95	499.72	515.83	511.50	2.02	ppb
Lead	208-1	510.27	491.30	509.42	503.66	2.13	ppb
Lithium	6-1				94		%
Magnesium	24-2	248808.23	251788.16	248904.89	249833.76	0.68	ppb
Manganese	55-2	997.51	1026.16	1018.62	1014.10	1.46	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 23:17:12	DataFile Name :	099SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	498.18	495.28	498.10	497.19	0.33	ppb
Molybdenum	95-1	513.30	511.61	508.68	511.20	0.46	ppb
Molybdenum	96-1	512.64	507.94	513.39	511.32	0.58	ppb
Molybdenum	97-1	505.17	504.69	509.93	506.60	0.57	ppb
Molybdenum	98-1	501.91	503.44	502.23	502.53	0.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.60	507.10	504.88	502.53	1.21	ppb
Phosphorus	31-2	9920.96	9908.25	9975.99	9935.07	0.36	ppb
Potassium	39-2	124273.84	124380.03	124120.16	124258.01	0.11	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	77-2	492.24	431.96	479.96	468.06	6.81	ppb
Selenium	78-2	499.69	475.79	491.89	489.12	2.49	ppb
Selenium	82-1	486.76	483.24	494.34	488.11	1.16	ppb
Silicon	28-1	520.68	514.76	521.98	519.14	0.74	ppb
Silver	109-1	464.80	464.15	473.13	467.36	1.07	ppb
Silver	107-1	468.59	468.27	462.77	466.54	0.70	ppb
Sodium	23-2	254544.56	256361.39	255852.77	255586.24	0.37	ppb
Strontium	86-1	524.83	515.19	519.84	519.95	0.93	ppb
Strontium	88-1	522.00	522.44	522.15	522.20	0.04	ppb
Sulfur	34-1	10691.97	10346.70	10734.26	10590.98	2.01	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	526.82	494.62	528.69	516.71	3.71	ppb
Thallium	205-1	521.37	500.91	514.23	512.17	2.03	ppb
Tin	118-1	498.02	498.18	498.34	498.18	0.03	ppb
Titanium	47-1	507.09	501.76	507.82	505.55	0.65	ppb
Uranium	238-1	516.41	496.87	523.52	512.27	2.69	ppb
Vanadium	51-2	508.20	519.36	511.13	512.90	1.13	ppb
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	968.75	981.03	976.45	975.41	0.64	ppb
Zirconium	90-1	510.48	507.05	503.11	506.88	0.73	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 23:17:12	DataFile Name :	099SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	509.21	505.97	507.14	507.44	0.32	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 23:20:39	DataFile Name :	100SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.71	0.82	0.82	1.12	46.05	ppb
Antimony	121-1	1.31	1.16	1.11	1.19	8.62	ppb
Arsenic	75-2	0.07	0.09	0.04	0.07	36.09	ppb
Barium	135-1	-0.04	-0.06	-0.05	-0.05		ppb
Barium	137-1	0.02	-0.01	0.00	0.00	597.73	ppb
Beryllium	9-1	0.09	0.19	0.10	0.13	41.21	ppb
Bismuth	209-1				101		%
Bismuth	209-2				94		%
Boron	10-1	11.78	12.52	9.20	11.17	15.57	ppb
Boron	11-1	13.04	10.95	10.16	11.38	13.06	ppb
Cadmium	111-1	-0.17	-0.10	-0.02	-0.10		ppb
Cadmium	106-1	-2.27	-1.21	-0.28	-1.25		ppb
Cadmium	108-1	-0.04	0.02	-0.04	-0.02		ppb
Calcium	43-1	4.37	6.98	-2.52	2.95	166.63	ppb
Calcium	44-1	3.61	1.60	0.96	2.06	67.33	ppb
Chromium	52-2	0.07	0.12	0.16	0.12	35.23	ppb
Cobalt	59-2	-0.04	-0.03	-0.03	-0.03		ppb
Copper	63-2	-0.08	-0.21	-0.14	-0.14		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	3.20	2.77	2.74	2.90	8.77	ppb
Iron	57-2	4.30	2.95	3.48	3.58	18.93	ppb
Lead	206-1	0.13	0.08	0.08	0.10	30.55	ppb
Lead	207-1	0.10	0.11	0.07	0.10	18.72	ppb
Lead	208-1	0.11	0.06	0.10	0.09	27.25	ppb
Lithium	6-1				97		%
Magnesium	24-2	4.09	3.38	4.39	3.95	13.10	ppb
Manganese	55-2	-0.05	-0.08	-0.09	-0.07		ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 23:20:39	DataFile Name :	100SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.21	0.24	0.20	0.22	10.01	ppb
Molybdenum	95-1	0.26	0.23	0.22	0.24	8.72	ppb
Molybdenum	96-1	0.27	0.23	0.21	0.24	12.12	ppb
Molybdenum	97-1	0.30	0.31	0.25	0.29	11.75	ppb
Molybdenum	98-1	0.27	0.25	0.22	0.25	10.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.04	-0.03	-0.01		ppb
Phosphorus	31-2	-6.74	11.29	-6.89	-0.78		ppb
Potassium	39-2	23.89	23.54	32.51	26.64	19.06	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				93		%
Selenium	77-2	0.00	0.00	1.20	0.40	173.21	ppb
Selenium	78-2	0.10	2.49	0.90	1.16	104.85	ppb
Selenium	82-1	0.62	0.35	0.42	0.46	29.82	ppb
Silicon	28-1	2.54	1.97	1.59	2.03	23.65	ppb
Silver	109-1	0.04	0.04	0.04	0.04	9.57	ppb
Silver	107-1	0.06	0.05	0.03	0.05	31.25	ppb
Sodium	23-2	50.02	42.19	49.16	47.12	9.11	ppb
Strontium	86-1	0.10	0.07	0.07	0.08	21.34	ppb
Strontium	88-1	0.01	0.02	0.01	0.01	25.10	ppb
Sulfur	34-1	-29.23	-59.77	3.37	-28.54		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.09	0.08	0.09	0.09	10.30	ppb
Thallium	205-1	0.13	0.11	0.10	0.11	13.70	ppb
Tin	118-1	0.33	0.35	0.27	0.32	12.16	ppb
Titanium	47-1	-0.01	-0.02	0.05	0.01	602.07	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	9.54	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	233.53	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	0.02	0.28	0.08	0.13	107.03	ppb
Zirconium	90-1	0.15	0.13	0.15	0.14	8.18	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 23:20:39	DataFile Name :	100SMPL_P7102817 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.11	0.19	0.13	0.14	29.71	ppb

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 15:34:47	DataFile Name :	003CALB_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	8	11	43.34	cps
Antimony	121-1	167	233	225	208	17.44	cps
Arsenic	75-2	4	0	11	5	114.60	cps
Barium	135-1	50	75	108	78	37.63	cps
Barium	137-1	75	150	75	100	43.31	cps
Beryllium	9-1	50	72	78	67	22.05	cps
Bismuth	209-1	2771823	2776857	2738041	2762240	0.76	cps
Bismuth	209-2	1960187	1963944	1977400	1967177	0.46	cps
Boron	10-1	333	300	250	294	14.25	cps
Boron	11-1	1067	933	1058	1020	7.33	cps
Cadmium	111-1	927	1044	1029	1000	6.36	cps
Cadmium	106-1	1325	1492	1467	1428	6.30	cps
Cadmium	108-1	13	13	8	11	21.67	cps
Calcium	43-1	250	225	267	247	8.48	cps
Calcium	44-1	19739	20206	20198	20048	1.33	cps
Chromium	52-2	777	643	603	674	13.46	cps
Cobalt	59-2	123	110	130	121	8.41	cps
Copper	63-2	1523	1457	1627	1536	5.58	cps
Dysprosium	156-1	67	8	33	36	81.06	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	8	8	25	14	69.31	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	67	50	25	47	44.41	cps
Gadolinium	160-2	27	47	27	33	34.64	cps
Holmium	165-1	5370846	5242937	5193811	5269198	1.73	cps
Holmium	165-2	2748982	2772198	2746691	2755957	0.51	cps
Indium	115-1	4590170	4603568	4581051	4591596	0.25	cps
Indium	115-2	892798	898304	906419	899173	0.76	cps
Iron	56-2	2611	2845	2834	2763	4.76	cps
Iron	57-2	117	161	117	131	19.52	cps
Lead	206-1	278	361	250	296	19.52	cps
Lead	207-1	300	283	233	272	12.75	cps
Lead	208-1	1161	1283	1144	1196	6.34	cps
Lithium	6-1	1591250	1599244	1584008	1591501	0.48	cps
Magnesium	24-2	383	300	342	342	12.20	cps
Manganese	55-2	117	130	87	111	19.97	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 15:34:47	DataFile Name :	003CALB_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	167	217	142	175	21.82	cps
Molybdenum	95-1	50	25	83	53	55.46	cps
Molybdenum	96-1	42	92	142	92	54.54	cps
Molybdenum	97-1	50	17	17	28	69.27	cps
Molybdenum	98-1	50	58	75	61	20.84	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	60	80	70	70	14.29	cps
Phosphorus	31-2	50	83	50	61	31.50	cps
Potassium	39-2	15792	17044	17669	16835	5.68	cps
Rhodium	103-1	4701825	4652821	4682424	4679023	0.53	cps
Rhodium	103-2	2192978	2206700	2227652	2209110	0.79	cps
Scandium	45-1	3736061	3712466	3729755	3726094	0.33	cps
Scandium	45-2	161949	162754	165699	163467	1.21	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	35	37	19	30	33.72	cps
Selenium	82-1	36	61	82	60	38.27	cps
Silicon	28-1	251488	251887	254268	252548	0.60	cps
Silver	109-1	33	17	50	33	50.00	cps
Silver	107-1	67	33	50	50	33.34	cps
Sodium	23-2	16359	16093	16426	16293	1.08	cps
Strontium	86-1	292	225	275	264	13.15	cps
Strontium	88-1	167	92	133	131	28.78	cps
Sulfur	34-1	295729	297122	300407	297752	0.81	cps
Terbium	159-1	5573472	5659188	5643015	5625225	0.81	cps
Terbium	159-2	2782122	2760407	2775861	2772797	0.40	cps
Thallium	203-1	67	67	58	64	7.53	cps
Thallium	205-1	175	133	192	167	18.03	cps
Tin	118-1	317	242	233	264	17.39	cps
Titanium	47-1	92	58	75	75	22.22	cps
Uranium	238-1	58	75	50	61	20.83	cps
Vanadium	51-2	7	7	7	7	0.00	cps
Yttrium	89-1	5525991	5549970	5530245	5535402	0.23	cps
Yttrium	89-2	767120	774989	784010	775373	1.09	cps
Zinc	66-2	150	153	147	150	2.22	cps
Zirconium	90-1	325	342	358	342	4.88	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 15:34:47	DataFile Name :	003CALB_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	133	42	103	51.49	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 15:42:28	DataFile Name :	005CAL5_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	675	883	775	778	13.40	cps
Antimony	121-1	7286	6669	7210	7055	4.77	cps
Arsenic	75-2	144	143	154	147	4.05	cps
Barium	135-1	7411	7677	7611	7566	1.84	cps
Barium	137-1	12731	12873	12881	12829	0.66	cps
Beryllium	9-1	900	1111	1106	1039	11.58	cps
Bismuth	209-1	2959087	2857079	2791676	2869281	2.94	cps
Bismuth	209-2	1914243	1928018	1930309	1924190	0.45	cps
Boron	10-1	2784	2759	3200	2914	8.51	cps
Boron	11-1	14049	14215	14491	14252	1.57	cps
Cadmium	111-1	1704	1879	1726	1770	5.41	cps
Cadmium	106-1	1442	1600	1500	1514	5.29	cps
Cadmium	108-1	79	58	71	69	15.10	cps
Calcium	43-1	6077	6218	5935	6076	2.33	cps
Calcium	44-1	115700	115465	116936	116034	0.68	cps
Chromium	52-2	3194	3274	3210	3226	1.31	cps
Cobalt	59-2	1990	2044	1860	1965	4.80	cps
Copper	63-2	4374	4491	4171	4345	3.73	cps
Dysprosium	156-1	83	92	83	86	5.58	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	17	33	42	31	41.66	cps
Erbium	164-2	3	0	17	7	132.33	cps
Gadolinium	160-1	8	8	8	8	0.00	cps
Gadolinium	160-2	40	37	17	31	40.56	cps
Holmium	165-1	5459446	5416496	5298482	5391474	1.55	cps
Holmium	165-2	2737999	2768126	2740745	2748956	0.61	cps
Indium	115-1	4776409	4796086	4589701	4720732	2.41	cps
Indium	115-2	883638	881834	891017	885496	0.55	cps
Iron	56-2	48463	49701	48547	48904	1.41	cps
Iron	57-2	1317	1122	1356	1265	9.88	cps
Lead	206-1	2561	2306	2189	2352	8.10	cps
Lead	207-1	2172	2234	2167	2191	1.69	cps
Lead	208-1	9635	9646	9313	9531	1.99	cps
Lithium	6-1	1602954	1615579	1548114	1588883	2.26	cps
Magnesium	24-2	45069	46490	45244	45601	1.70	cps
Manganese	55-2	810	787	773	790	2.35	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 15:42:28	DataFile Name :	005CAL5_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7636	7269	7844	7583	3.84	cps
Molybdenum	95-1	8511	9287	9270	9023	4.91	cps
Molybdenum	96-1	10179	10279	10346	10268	0.82	cps
Molybdenum	97-1	5668	5993	5368	5676	5.51	cps
Molybdenum	98-1	14099	14541	14366	14336	1.55	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	603	670	583	619	7.33	cps
Phosphorus	31-2	83	100	50	78	32.74	cps
Potassium	39-2	54752	55747	55287	55262	0.90	cps
Rhodium	103-1	4786372	4709699	4549749	4681940	2.58	cps
Rhodium	103-2	2149490	2176049	2194004	2173181	1.03	cps
Scandium	45-1	3764370	3790126	3611670	3722055	2.59	cps
Scandium	45-2	159806	159690	159839	159778	0.05	cps
Selenium	77-2	7	17	7	10	57.72	cps
Selenium	78-2	70	106	72	83	23.94	cps
Selenium	82-1	344	376	399	373	7.34	cps
Silicon	28-1	291097	287979	289726	289601	0.54	cps
Silver	109-1	3901	4084	3842	3942	3.20	cps
Silver	107-1	4167	3859	3976	4001	3.89	cps
Sodium	23-2	105436	105427	106786	105883	0.74	cps
Strontium	86-1	1458	1417	1634	1503	7.65	cps
Strontium	88-1	9679	10012	9871	9854	1.70	cps
Sulfur	34-1	301877	297948	296911	298912	0.88	cps
Terbium	159-1	5758559	5796867	5588512	5714646	1.94	cps
Terbium	159-2	2758171	2750179	2819066	2775805	1.36	cps
Thallium	203-1	2509	2609	2667	2595	3.09	cps
Thallium	205-1	6343	5385	6018	5915	8.24	cps
Tin	118-1	13465	12948	12631	13015	3.24	cps
Titanium	47-1	2884	2834	2792	2836	1.62	cps
Uranium	238-1	8070	8228	8211	8170	1.07	cps
Vanadium	51-2	4534	4944	4637	4705	4.53	cps
Yttrium	89-1	5593515	5504066	5299484	5465688	2.76	cps
Yttrium	89-2	758121	757786	766342	760750	0.64	cps
Zinc	66-2	513	530	440	494	9.68	cps
Zirconium	90-1	6427	5760	6352	6179	5.91	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 15:42:28	DataFile Name :	005CALS_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1525	1567	1425	1506	4.84	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 15:46:13	DataFile Name :	006CALS_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	41442	41375	41676	41497	0.38	cps
Antimony	121-1	195520	197784	199465	197590	1.00	cps
Arsenic	75-2	7611	7921	7906	7813	2.23	cps
Barium	135-1	204482	206091	205258	205277	0.39	cps
Barium	137-1	360636	355351	355662	357216	0.83	cps
Beryllium	9-1	51387	51220	51900	51502	0.69	cps
Bismuth	209-1	2893070	2877496	2838952	2869840	0.97	cps
Bismuth	209-2	1931708	1961526	1979598	1957611	1.24	cps
Boron	10-1	6610	6660	6752	6674	1.08	cps
Boron	11-1	31100	32669	32594	32121	2.76	cps
Cadmium	111-1	46622	46626	45796	46348	1.03	cps
Cadmium	106-1	6352	6118	5993	6154	2.96	cps
Cadmium	108-1	3367	3217	3263	3282	2.34	cps
Calcium	43-1	68719	70217	68869	69268	1.19	cps
Calcium	44-1	1114220	1112413	1102985	1109872	0.54	cps
Chromium	52-2	64082	65003	64936	64674	0.79	cps
Cobalt	59-2	98102	99186	100592	99293	1.26	cps
Copper	63-2	138051	140588	142928	140522	1.74	cps
Dysprosium	156-1	25	50	25	33	43.30	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	0	25	33	19	89.21	cps
Erbium	164-2	10	10	13	11	17.30	cps
Gadolinium	160-1	0	58	25	28	105.36	cps
Gadolinium	160-2	33	17	20	23	37.78	cps
Holmium	165-1	5468667	5485831	5425654	5460051	0.57	cps
Holmium	165-2	2772910	2777332	2770513	2773585	0.12	cps
Indium	115-1	4680197	4689998	4645710	4671968	0.50	cps
Indium	115-2	879031	892516	896049	889199	1.01	cps
Iron	56-2	2421685	2466275	2463384	2450448	1.02	cps
Iron	57-2	61947	63158	64531	63212	2.04	cps
Lead	206-1	112309	113750	110960	112339	1.24	cps
Lead	207-1	101905	102979	99240	101375	1.90	cps
Lead	208-1	458326	461532	451532	457130	1.12	cps
Lithium	6-1	1614284	1621561	1607769	1614538	0.43	cps
Magnesium	24-2	517892	516268	521774	518645	0.55	cps
Manganese	55-2	68733	70214	69929	69625	1.13	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 15:46:13	DataFile Name :	006CAL5_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	187601	183302	184636	185180	1.19	cps
Molybdenum	95-1	99102	100049	99354	99502	0.49	cps
Molybdenum	96-1	128812	128374	127569	128252	0.49	cps
Molybdenum	97-1	62061	61944	62312	62106	0.30	cps
Molybdenum	98-1	162408	159223	158748	160127	1.24	cps
Neodymium	150-1	20	7	13	13	49.99	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	25709	26150	26297	26052	1.17	cps
Phosphorus	31-2	2409	2509	2350	2423	3.31	cps
Potassium	39-2	237051	237499	240708	238419	0.84	cps
Rhodium	103-1	4604222	4695402	4660858	4653494	0.99	cps
Rhodium	103-2	2161027	2188987	2196023	2182012	0.85	cps
Scandium	45-1	3714292	3727832	3717255	3719793	0.19	cps
Scandium	45-2	159681	160931	162644	161085	0.92	cps
Selenium	77-2	133	167	130	143	14.15	cps
Selenium	78-2	522	507	535	522	2.66	cps
Selenium	82-1	3512	3519	3520	3517	0.12	cps
Silicon	28-1	402106	405863	405774	404581	0.53	cps
Silver	109-1	208847	211924	209251	210007	0.80	cps
Silver	107-1	223142	219593	221440	221391	0.80	cps
Sodium	23-2	1015289	1005490	1024135	1014971	0.92	cps
Strontium	86-1	61709	61524	60553	61262	1.01	cps
Strontium	88-1	532493	537547	529592	533211	0.75	cps
Sulfur	34-1	322368	321142	318121	320544	0.68	cps
Terbium	159-1	5686529	5667941	5729377	5694616	0.55	cps
Terbium	159-2	2821218	2752622	2768485	2780775	1.29	cps
Thallium	203-1	134879	134752	132749	134127	0.89	cps
Thallium	205-1	321586	321244	318800	320543	0.47	cps
Tin	118-1	144704	146818	142896	144806	1.36	cps
Titanium	47-1	32312	32136	32838	32428	1.13	cps
Uranium	238-1	458229	449629	454237	454031	0.95	cps
Vanadium	51-2	52928	54755	54102	53928	1.72	cps
Yttrium	89-1	5550180	5496951	5409833	5485655	1.29	cps
Yttrium	89-2	761601	768121	770353	766692	0.59	cps
Zinc	66-2	19727	19179	19924	19610	1.97	cps
Zirconium	90-1	353862	355285	348163	352437	1.07	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 15:46:13	DataFile Name :	006CALS_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	79915	80050	79227	79731	0.55	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 15:50:00	DataFile Name :	007CAL5_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100042	102182	103591	101938	1.75	cps
Antimony	121-1	489948	495267	494091	493102	0.57	cps
Arsenic	75-2	18762	19276	19357	19132	1.69	cps
Barium	135-1	507344	519518	515687	514183	1.21	cps
Barium	137-1	885998	885967	889731	887232	0.24	cps
Beryllium	9-1	128136	129794	128305	128745	0.71	cps
Bismuth	209-1	2903323	2897452	2868239	2889671	0.65	cps
Bismuth	209-2	1969065	1985587	1957204	1970619	0.72	cps
Boron	10-1	16118	16610	16501	16409	1.58	cps
Boron	11-1	78572	79827	79793	79398	0.90	cps
Cadmium	111-1	113349	112427	112449	112742	0.47	cps
Cadmium	106-1	14433	13774	13574	13927	3.23	cps
Cadmium	108-1	8440	8169	8286	8298	1.64	cps
Calcium	43-1	170346	170758	169089	170064	0.51	cps
Calcium	44-1	2689611	2680514	2672994	2681040	0.31	cps
Chromium	52-2	157663	159510	161898	159690	1.33	cps
Cobalt	59-2	242607	248817	248632	246685	1.43	cps
Copper	63-2	339701	345125	345107	343311	0.91	cps
Dysprosium	156-1	25	42	33	33	25.01	cps
Dysprosium	156-2	10	3	13	9	57.30	cps
Erbium	164-1	42	17	8	22	78.07	cps
Erbium	164-2	13	10	3	9	57.30	cps
Gadolinium	160-1	75	17	25	39	81.12	cps
Gadolinium	160-2	33	17	40	30	40.05	cps
Holmium	165-1	5513958	5654017	5474358	5547445	1.70	cps
Holmium	165-2	2843621	2803997	2789271	2812296	1.00	cps
Indium	115-1	4678919	4661794	4697417	4679377	0.38	cps
Indium	115-2	900498	900580	899556	900211	0.06	cps
Iron	56-2	5921690	5885107	5869623	5892140	0.45	cps
Iron	57-2	153147	158154	158172	156491	1.85	cps
Lead	206-1	278992	281569	280116	280226	0.46	cps
Lead	207-1	252804	256113	251311	253409	0.97	cps
Lead	208-1	1136908	1148713	1130068	1138563	0.83	cps
Lithium	6-1	1627178	1640029	1623265	1630157	0.54	cps
Magnesium	24-2	1249969	1266428	1285508	1267301	1.40	cps
Manganese	55-2	170474	172765	171555	171598	0.67	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 15:50:00	DataFile Name :	007CAL5_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	464344	477163	468471	469993	1.39	cps
Molybdenum	95-1	246864	254543	251606	251004	1.54	cps
Molybdenum	96-1	325240	320982	327790	324670	1.06	cps
Molybdenum	97-1	155243	154462	159996	156567	1.91	cps
Molybdenum	98-1	404961	399625	404364	402983	0.73	cps
Neodymium	150-1	13	40	33	29	48.05	cps
Neodymium	150-2	10	3	0	4	114.60	cps
Nickel	60-2	63360	65372	64090	64274	1.58	cps
Phosphorus	31-2	6218	6443	6210	6290	2.11	cps
Potassium	39-2	554620	566038	568491	563050	1.31	cps
Rhodium	103-1	4716602	4670524	4625063	4670730	0.98	cps
Rhodium	103-2	2197833	2200349	2187818	2195333	0.30	cps
Scandium	45-1	3797337	3815385	3799890	3804204	0.26	cps
Scandium	45-2	163321	162882	160583	162262	0.91	cps
Selenium	77-2	383	337	337	352	7.65	cps
Selenium	78-2	1232	1226	1413	1290	8.25	cps
Selenium	82-1	8641	8640	8607	8629	0.23	cps
Silicon	28-1	640249	641798	637723	639923	0.32	cps
Silver	109-1	524083	516590	520946	520539	0.72	cps
Silver	107-1	549836	544441	551561	548613	0.68	cps
Sodium	23-2	2458198	2480576	2493788	2477521	0.73	cps
Strontium	86-1	152671	151626	150052	151450	0.87	cps
Strontium	88-1	1309256	1311991	1297515	1306254	0.59	cps
Sulfur	34-1	352423	347240	348581	349414	0.77	cps
Terbium	159-1	5826900	5822706	5828967	5826191	0.05	cps
Terbium	159-2	2772515	2809403	2744363	2775427	1.18	cps
Thallium	203-1	331867	341611	336534	336671	1.45	cps
Thallium	205-1	795399	803063	800274	799579	0.49	cps
Tin	118-1	361419	362087	361015	361507	0.15	cps
Titanium	47-1	81048	83001	82020	82023	1.19	cps
Uranium	238-1	1131790	1136883	1118243	1128972	0.85	cps
Vanadium	51-2	133908	133572	134671	134050	0.42	cps
Yttrium	89-1	5544040	5554725	5565289	5554685	0.19	cps
Yttrium	89-2	778844	780187	771868	776966	0.57	cps
Zinc	66-2	47952	48477	48169	48199	0.55	cps
Zirconium	90-1	889660	881764	889707	887044	0.52	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 15:50:00	DataFile Name :	007CALS_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	198459	202633	200603	200565	1.04	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 15:53:44	DataFile Name :	008CAL5_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	204422	204546	201221	203396	0.93	cps
Antimony	121-1	989735	991491	1002655	994627	0.70	cps
Arsenic	75-2	38770	38612	38792	38725	0.25	cps
Barium	135-1	1022925	1029296	1046815	1033012	1.20	cps
Barium	137-1	1769419	1754224	1782509	1768718	0.80	cps
Beryllium	9-1	253659	254745	255714	254706	0.40	cps
Bismuth	209-1	2850727	2823258	2899975	2857986	1.36	cps
Bismuth	209-2	1950382	1983527	1987975	1973961	1.04	cps
Boron	10-1	31559	32018	32335	31971	1.22	cps
Boron	11-1	156544	158321	158177	157681	0.63	cps
Cadmium	111-1	227005	223773	228345	226374	1.04	cps
Cadmium	106-1	26459	25925	26359	26247	1.08	cps
Cadmium	108-1	16439	16848	16856	16714	1.43	cps
Calcium	43-1	337622	339019	345440	340694	1.22	cps
Calcium	44-1	5302276	5426045	5370282	5366201	1.16	cps
Chromium	52-2	321307	318273	320172	319918	0.48	cps
Cobalt	59-2	493126	488480	491335	490980	0.48	cps
Copper	63-2	681708	684048	682830	682862	0.17	cps
Dysprosium	156-1	25	50	50	42	34.64	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	8	8	0	6	86.60	cps
Erbium	164-2	13	3	3	7	86.65	cps
Gadolinium	160-1	17	67	17	33	86.59	cps
Gadolinium	160-2	47	43	60	50	17.64	cps
Holmium	165-1	5413692	5488051	5478404	5460049	0.74	cps
Holmium	165-2	2807589	2807809	2781488	2798962	0.54	cps
Indium	115-1	4648853	4717962	4654973	4673929	0.82	cps
Indium	115-2	902548	905564	910711	906274	0.46	cps
Iron	56-2	11829661	11933568	11970989	11911406	0.61	cps
Iron	57-2	314489	318975	316730	316731	0.71	cps
Lead	206-1	555592	565521	567385	562833	1.13	cps
Lead	207-1	508929	506362	507912	507734	0.25	cps
Lead	208-1	2267398	2271181	2284808	2274463	0.40	cps
Lithium	6-1	1599075	1604049	1605544	1602890	0.21	cps
Magnesium	24-2	2511236	2483788	2488627	2494550	0.59	cps
Manganese	55-2	347009	346887	348486	347461	0.26	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 15:53:44	DataFile Name :	008CAL5_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	935942	935198	944266	938469	0.54	cps
Molybdenum	95-1	506147	503461	509954	506521	0.64	cps
Molybdenum	96-1	646466	652353	647936	648918	0.47	cps
Molybdenum	97-1	314573	317640	314564	315593	0.56	cps
Molybdenum	98-1	809314	813460	802951	808575	0.65	cps
Neodymium	150-1	47	33	67	49	34.32	cps
Neodymium	150-2	13	10	17	13	25.01	cps
Nickel	60-2	128921	128924	128272	128706	0.29	cps
Phosphorus	31-2	12147	12239	12114	12167	0.53	cps
Potassium	39-2	1115496	1118274	1105707	1113159	0.59	cps
Rhodium	103-1	4585549	4540349	4616394	4580764	0.83	cps
Rhodium	103-2	2177605	2193277	2204686	2191856	0.62	cps
Scandium	45-1	3711386	3797541	3722984	3743970	1.25	cps
Scandium	45-2	164173	163590	163157	163640	0.31	cps
Selenium	77-2	680	850	763	764	11.12	cps
Selenium	78-2	2482	2491	2537	2503	1.19	cps
Selenium	82-1	17053	17101	17388	17180	1.05	cps
Silicon	28-1	1027667	1022952	1033370	1027997	0.51	cps
Silver	109-1	1030940	1042709	1029959	1034536	0.69	cps
Silver	107-1	1089935	1092192	1091254	1091127	0.10	cps
Sodium	23-2	4950598	4828793	4872956	4884116	1.26	cps
Strontium	86-1	313370	307566	310005	310314	0.94	cps
Strontium	88-1	2619043	2602910	2627216	2616389	0.47	cps
Sulfur	34-1	403035	401260	403914	402736	0.34	cps
Terbium	159-1	5729967	5786050	5746822	5754280	0.50	cps
Terbium	159-2	2789998	2798974	2805561	2798178	0.28	cps
Thallium	203-1	673352	663708	682299	673120	1.38	cps
Thallium	205-1	1562921	1568498	1585884	1572434	0.76	cps
Tin	118-1	720945	719767	730521	723744	0.81	cps
Titanium	47-1	163058	167298	164811	165056	1.29	cps
Uranium	238-1	2240684	2226350	2229616	2232217	0.34	cps
Vanadium	51-2	270010	269540	266687	268746	0.67	cps
Yttrium	89-1	5519424	5507448	5499880	5508918	0.18	cps
Yttrium	89-2	783412	788240	787340	786331	0.33	cps
Zinc	66-2	96774	96916	96989	96893	0.11	cps
Zirconium	90-1	1754674	1781665	1772702	1769680	0.78	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 15:53:44	DataFile Name :	008CALS_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	404912	410328	407090	407443	0.67	cps

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : S06 Instrumnet Name : P7
 Client Sample ID : S06 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 15:57:24 DataFile Name : 009CAL5_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	399939	404392	402536	402289	0.56	cps
Antimony	121-1	1964276	1975607	1979003	1972962	0.39	cps
Arsenic	75-2	78449	78369	79073	78630	0.49	cps
Barium	135-1	2053349	2067637	2082740	2067909	0.71	cps
Barium	137-1	3451571	3568234	3571742	3530516	1.94	cps
Beryllium	9-1	500014	499226	497974	499072	0.21	cps
Bismuth	209-1	2765265	2799613	2798494	2787791	0.70	cps
Bismuth	209-2	1970153	1973685	1991723	1978520	0.58	cps
Boron	10-1	65015	64714	67049	65593	1.94	cps
Boron	11-1	312991	316383	318883	316085	0.94	cps
Cadmium	111-1	453637	450442	453541	452540	0.40	cps
Cadmium	106-1	50014	50976	51110	50700	1.18	cps
Cadmium	108-1	32872	33515	33227	33204	0.97	cps
Calcium	43-1	681130	682298	687816	683748	0.52	cps
Calcium	44-1	10633342	10722936	10683972	10680083	0.42	cps
Chromium	52-2	629449	632659	636802	632970	0.58	cps
Cobalt	59-2	965229	973960	975614	971601	0.57	cps
Copper	63-2	1318314	1331923	1346963	1332400	1.08	cps
Dysprosium	156-1	67	50	83	67	25.00	cps
Dysprosium	156-2	20	13	20	18	21.66	cps
Erbium	164-1	25	17	17	19	24.73	cps
Erbium	164-2	0	17	13	10	88.20	cps
Gadolinium	160-1	58	25	50	44	39.04	cps
Gadolinium	160-2	30	30	40	33	17.32	cps
Holmium	165-1	5523994	5481507	5520470	5508657	0.43	cps
Holmium	165-2	2818583	2815752	2801819	2812051	0.32	cps
Indium	115-1	4629473	4602069	4617660	4616401	0.30	cps
Indium	115-2	886148	892039	907031	895073	1.20	cps
Iron	56-2	23342507	23559735	23340251	23414164	0.54	cps
Iron	57-2	617279	622024	629758	623020	1.01	cps
Lead	206-1	1106567	1107060	1115692	1109773	0.46	cps
Lead	207-1	997561	1002918	1007725	1002735	0.51	cps
Lead	208-1	4424641	4445344	4470838	4446941	0.52	cps
Lithium	6-1	1580225	1586838	1589038	1585367	0.29	cps
Magnesium	24-2	4928986	4968704	4986008	4961232	0.59	cps
Manganese	55-2	680524	693328	694509	689454	1.12	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 15:57:24	DataFile Name :	009CAL5_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1866787	1876812	1876225	1873275	0.30	cps
Molybdenum	95-1	1016295	1031421	1029001	1025573	0.79	cps
Molybdenum	96-1	1287742	1294098	1301171	1294337	0.52	cps
Molybdenum	97-1	632338	633479	636903	634240	0.37	cps
Molybdenum	98-1	1594961	1613586	1630801	1613116	1.11	cps
Neodymium	150-1	160	93	147	133	26.46	cps
Neodymium	150-2	27	7	13	16	65.47	cps
Nickel	60-2	252783	255123	256530	254812	0.74	cps
Phosphorus	31-2	24354	24863	25030	24749	1.42	cps
Potassium	39-2	2163602	2187890	2194512	2182001	0.75	cps
Rhodium	103-1	4530140	4577959	4576856	4561652	0.60	cps
Rhodium	103-2	2161198	2161690	2193059	2171982	0.84	cps
Scandium	45-1	3758798	3702734	3720632	3727388	0.77	cps
Scandium	45-2	159708	163728	164641	162692	1.61	cps
Selenium	77-2	1457	1593	1573	1541	4.79	cps
Selenium	78-2	4886	5105	4953	4981	2.25	cps
Selenium	82-1	33998	34527	34287	34271	0.77	cps
Silicon	28-1	1808997	1806866	1794838	1803567	0.42	cps
Silver	109-1	2043454	2030514	2038715	2037561	0.32	cps
Silver	107-1	2128361	2134364	2138647	2133790	0.24	cps
Sodium	23-2	9574576	9653799	9690481	9639619	0.61	cps
Strontium	86-1	606230	615973	618942	613715	1.08	cps
Strontium	88-1	5265905	5297967	5279192	5281022	0.31	cps
Sulfur	34-1	522098	522231	517958	520762	0.47	cps
Terbium	159-1	5813595	5746498	5824295	5794796	0.73	cps
Terbium	159-2	2791644	2783068	2810952	2795221	0.51	cps
Thallium	203-1	1339955	1342646	1354929	1345844	0.59	cps
Thallium	205-1	3084059	3087760	3088027	3086616	0.07	cps
Tin	118-1	1455511	1444421	1443196	1447710	0.47	cps
Titanium	47-1	328753	333291	332525	331523	0.73	cps
Uranium	238-1	4569658	4555030	4568687	4564459	0.18	cps
Vanadium	51-2	533293	538886	538546	536908	0.58	cps
Yttrium	89-1	5528299	5548502	5657406	5578069	1.24	cps
Yttrium	89-2	783315	788117	793040	788157	0.62	cps
Zinc	66-2	192396	190678	192475	191850	0.53	cps
Zirconium	90-1	3562680	3567794	3627620	3586031	1.01	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 15:57:24	DataFile Name :	009CALS_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	797546	805632	812560	805246	0.93	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 16:01:01	DataFile Name :	010CAL5_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	800285	816204	813698	810062	1.06	cps
Antimony	121-1	3944675	3961267	4002263	3969402	0.75	cps
Arsenic	75-2	157348	157684	158314	157782	0.31	cps
Barium	135-1	4114625	4137557	4154657	4135613	0.49	cps
Barium	137-1	6864869	7078581	6991469	6978306	1.54	cps
Beryllium	9-1	955790	953365	956968	955374	0.19	cps
Bismuth	209-1	2745390	2754406	2746762	2748853	0.18	cps
Bismuth	209-2	1931750	1946223	1958797	1945590	0.70	cps
Boron	10-1	126803	127794	129761	128119	1.18	cps
Boron	11-1	616093	628693	631838	625541	1.33	cps
Cadmium	111-1	859906	862661	868281	863616	0.49	cps
Cadmium	106-1	96762	96763	98282	97269	0.90	cps
Cadmium	108-1	64622	64751	65622	64998	0.84	cps
Calcium	43-1	1343777	1338441	1342422	1341547	0.21	cps
Calcium	44-1	21510454	21227656	21463093	21400401	0.71	cps
Chromium	52-2	1239503	1260795	1255274	1251857	0.88	cps
Cobalt	59-2	1881513	1909291	1911415	1900740	0.88	cps
Copper	63-2	2553834	2578820	2598705	2577120	0.87	cps
Dysprosium	156-1	100	75	50	75	33.34	cps
Dysprosium	156-2	33	47	63	48	31.46	cps
Erbium	164-1	8	8	33	17	86.62	cps
Erbium	164-2	7	7	23	12	78.69	cps
Gadolinium	160-1	33	25	17	25	33.32	cps
Gadolinium	160-2	43	43	43	43	0.00	cps
Holmium	165-1	5484642	5458736	5433602	5458993	0.47	cps
Holmium	165-2	2777697	2783965	2766315	2775992	0.32	cps
Indium	115-1	4470468	4575270	4621607	4555782	1.70	cps
Indium	115-2	888987	889632	890261	889627	0.07	cps
Iron	56-2	46336354	46944652	46912597	46731201	0.73	cps
Iron	57-2	1217056	1238704	1243803	1233188	1.15	cps
Lead	206-1	2067543	2100107	2113112	2093587	1.12	cps
Lead	207-1	1884222	1902722	1933209	1906718	1.30	cps
Lead	208-1	8529364	8652822	8662290	8614826	0.86	cps
Lithium	6-1	1529840	1540479	1547553	1539291	0.58	cps
Magnesium	24-2	9884449	9793506	9872341	9850098	0.50	cps
Manganese	55-2	1338961	1356530	1366809	1354100	1.04	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 16:01:01	DataFile Name :	010CAL5_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3780136	3750423	3768947	3766502	0.40	cps
Molybdenum	95-1	1965941	1964429	2000635	1977001	1.04	cps
Molybdenum	96-1	2519105	2497979	2552243	2523109	1.08	cps
Molybdenum	97-1	1236311	1261216	1253591	1250373	1.02	cps
Molybdenum	98-1	3213750	3200981	3220051	3211594	0.30	cps
Neodymium	150-1	180	127	207	171	23.81	cps
Neodymium	150-2	20	33	17	23	37.78	cps
Nickel	60-2	495808	502147	503912	500622	0.85	cps
Phosphorus	31-2	48396	49617	50670	49561	2.30	cps
Potassium	39-2	4355106	4407962	4365060	4376043	0.64	cps
Rhodium	103-1	4439388	4436358	4444866	4440204	0.10	cps
Rhodium	103-2	2159074	2159857	2177900	2165610	0.49	cps
Scandium	45-1	3737016	3696904	3744757	3726226	0.69	cps
Scandium	45-2	166140	165735	167205	166360	0.46	cps
Selenium	77-2	2950	2894	3040	2961	2.50	cps
Selenium	78-2	9616	9744	10052	9804	2.28	cps
Selenium	82-1	66431	66254	66946	66544	0.54	cps
Silicon	28-1	3233382	3216036	3252590	3234003	0.57	cps
Silver	109-1	4010825	3992662	4025263	4009583	0.41	cps
Silver	107-1	4211089	4199204	4247003	4219099	0.59	cps
Sodium	23-2	19025841	19055459	19027973	19036424	0.09	cps
Strontium	86-1	1209271	1214419	1230237	1217975	0.90	cps
Strontium	88-1	10520024	10564278	10607623	10563975	0.41	cps
Sulfur	34-1	739795	734304	735766	736622	0.39	cps
Terbium	159-1	5626603	5733459	5791047	5717036	1.46	cps
Terbium	159-2	2778928	2784245	2796146	2786439	0.32	cps
Thallium	203-1	2516702	2528430	2553005	2532712	0.73	cps
Thallium	205-1	6035115	6073414	6045997	6051508	0.33	cps
Tin	118-1	2736645	2781766	2813772	2777394	1.40	cps
Titanium	47-1	653958	650591	656921	653823	0.48	cps
Uranium	238-1	8887023	8966827	9053702	8969184	0.93	cps
Vanadium	51-2	1073828	1084690	1091545	1083354	0.82	cps
Yttrium	89-1	5428564	5529207	5509121	5488964	0.97	cps
Yttrium	89-2	789827	792911	791840	791526	0.20	cps
Zinc	66-2	373258	378297	378674	376743	0.80	cps
Zirconium	90-1	7151144	7163465	7206634	7173748	0.41	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 16:01:01	DataFile Name :	010CALS_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1594052	1583911	1591403	1589789	0.33	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 16:04:32	DataFile Name :	011CAL5_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4092540	4144751	4179390	4138893	1.06	cps
Antimony	121-1	10396	10171	10054	10207	1.70	cps
Arsenic	75-2	67	63	78	69	11.15	cps
Barium	135-1	1133	1125	1308	1189	8.71	cps
Barium	137-1	2484	2175	2009	2223	10.85	cps
Beryllium	9-1	572	511	456	513	11.38	cps
Bismuth	209-1	2644406	2531761	2583677	2586615	2.18	cps
Bismuth	209-2	1754076	1747118	1783777	1761657	1.11	cps
Boron	10-1	5976	5018	4651	5215	13.12	cps
Boron	11-1	25973	24696	22501	24390	7.20	cps
Cadmium	111-1	1056	1154	1035	1082	5.89	cps
Cadmium	106-1	1367	1508	1375	1417	5.61	cps
Cadmium	108-1	13	8	46	22	92.50	cps
Calcium	43-1	6712566	6751114	6770810	6744830	0.44	cps
Calcium	44-1	105983779	106673002	107535802	106730861	0.73	cps
Chromium	52-2	16960	16553	17217	16910	1.98	cps
Cobalt	59-2	2377	2420	2497	2431	2.50	cps
Copper	63-2	5208	5134	5041	5128	1.63	cps
Dysprosium	156-1	58	25	42	42	40.00	cps
Dysprosium	156-2	10	10	3	8	49.52	cps
Erbium	164-1	42	8	42	31	62.99	cps
Erbium	164-2	10	17	10	12	31.50	cps
Gadolinium	160-1	58	25	75	53	48.24	cps
Gadolinium	160-2	43	40	50	44	11.46	cps
Holmium	165-1	5250492	5238036	5285694	5258074	0.47	cps
Holmium	165-2	2772396	2831342	2756744	2786827	1.41	cps
Indium	115-1	4365839	4405879	4395485	4389067	0.47	cps
Indium	115-2	863266	863095	872968	866443	0.65	cps
Iron	56-2	226176327	225768672	229266850	227070616	0.84	cps
Iron	57-2	6046804	5990734	6044843	6027460	0.53	cps
Lead	206-1	3139	3295	3145	3193	2.76	cps
Lead	207-1	2500	2923	2823	2749	8.03	cps
Lead	208-1	12386	12975	12692	12684	2.32	cps
Lithium	6-1	1491145	1501790	1502086	1498340	0.42	cps
Magnesium	24-2	49635730	50372076	50866233	50291347	1.23	cps
Manganese	55-2	4127	4247	4351	4242	2.64	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 16:04:32	DataFile Name :	011CAL5_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3351	3959	3476	3595	8.94	cps
Molybdenum	95-1	5126	5376	5118	5207	2.82	cps
Molybdenum	96-1	7202	7010	7419	7210	2.83	cps
Molybdenum	97-1	3401	3167	3259	3275	3.59	cps
Molybdenum	98-1	8461	8003	8203	8222	2.80	cps
Neodymium	150-1	53	27	40	40	33.33	cps
Neodymium	150-2	20	13	30	21	39.75	cps
Nickel	60-2	5118	5084	5331	5178	2.59	cps
Phosphorus	31-2	150	67	92	103	41.61	cps
Potassium	39-2	22156313	21928231	22518236	22200927	1.34	cps
Rhodium	103-1	4283803	4166899	4259940	4236881	1.46	cps
Rhodium	103-2	1988789	1980325	2005328	1991481	0.64	cps
Scandium	45-1	3786275	3745728	3698941	3743648	1.17	cps
Scandium	45-2	166492	164863	166575	165977	0.58	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	35	50	31	39	25.20	cps
Selenium	82-1	102	98	143	115	21.64	cps
Silicon	28-1	484805	494719	499651	493058	1.53	cps
Silver	109-1	342	533	367	414	25.17	cps
Silver	107-1	375	508	350	411	20.70	cps
Sodium	23-2	94657100	96175206	96828113	95886806	1.16	cps
Strontium	86-1	43083	42932	42765	42926	0.37	cps
Strontium	88-1	366515	362941	368464	365974	0.77	cps
Sulfur	34-1	293692	294040	295630	294454	0.35	cps
Terbium	159-1	5631148	5583229	5572205	5595527	0.56	cps
Terbium	159-2	2752158	2818374	2692750	2754427	2.28	cps
Thallium	203-1	1267	1325	1283	1292	2.33	cps
Thallium	205-1	3292	2784	2675	2917	11.29	cps
Tin	118-1	3759	3734	3859	3784	1.75	cps
Titanium	47-1	683	683	608	658	6.58	cps
Uranium	238-1	692	467	575	578	19.48	cps
Vanadium	51-2	240	243	250	244	2.08	cps
Yttrium	89-1	5475076	5410381	5485070	5456843	0.74	cps
Yttrium	89-2	783453	782549	792415	786139	0.69	cps
Zinc	66-2	18312	18085	18973	18456	2.50	cps
Zirconium	90-1	1492	1934	1842	1756	13.28	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 16:04:32	DataFile Name :	011CALS_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	400	483	392	425	11.93	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 16:29:37	DataFile Name :	014ICV_P7102817 MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20056	20723	20014	20264	1.96	cps
Antimony	121-1	734693	758072	749088	747284	1.58	cps
Arsenic	75-2	29840	29741	30306	29962	1.01	cps
Barium	135-1	80576	81103	81707	81129	0.70	cps
Barium	137-1	140817	141416	139111	140448	0.85	cps
Beryllium	9-1	97136	97724	97098	97320	0.36	cps
Bismuth	209-1	2775739	2820914	2836144	2810932	1.12	cps
Bismuth	209-2	1935070	1970989	1992016	1966025	1.46	cps
Boron	10-1	68958	71595	69778	70110	1.92	cps
Boron	11-1	336789	340478	340250	339172	0.61	cps
Cadmium	111-1	90268	89985	90897	90384	0.52	cps
Cadmium	106-1	17979	17645	17470	17698	1.46	cps
Cadmium	108-1	9278	9074	9332	9228	1.48	cps
Calcium	43-1	28762	28962	28637	28787	0.57	cps
Calcium	44-1	460234	467866	463453	463851	0.83	cps
Chromium	52-2	122107	122313	122111	122177	0.10	cps
Cobalt	59-2	191272	194583	195133	193663	1.08	cps
Copper	63-2	134465	135201	135188	134951	0.31	cps
Dysprosium	156-1	17	33	0	17	99.99	cps
Dysprosium	156-2	3	13	10	9	57.30	cps
Erbium	164-1	50	33	25	36	35.25	cps
Erbium	164-2	17	17	20	18	10.81	cps
Gadolinium	160-1	58	58	17	44	54.12	cps
Gadolinium	160-2	40	37	50	42	16.43	cps
Holmium	165-1	5342636	5424986	5448352	5405325	1.03	cps
Holmium	165-2	2801014	2760108	2783121	2781414	0.74	cps
Indium	115-1	4603765	4629855	4592892	4608838	0.41	cps
Indium	115-2	881678	889378	893862	888306	0.69	cps
Iron	56-2	971310	983803	985641	980251	0.80	cps
Iron	57-2	24588	24599	24788	24658	0.46	cps
Lead	206-1	439878	440501	437316	439232	0.38	cps
Lead	207-1	377480	383590	381224	380765	0.81	cps
Lead	208-1	1729508	1737357	1734577	1733814	0.23	cps
Lithium	6-1	1599618	1594034	1590865	1594839	0.28	cps
Magnesium	24-2	118802	119323	120952	119692	0.94	cps
Manganese	55-2	66992	67293	66343	66876	0.73	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 16:29:37	DataFile Name :	014ICV_P7102817 MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1729732	1716370	1710726	1718943	0.57	cps
Molybdenum	95-1	948371	936489	946592	943817	0.68	cps
Molybdenum	96-1	1200571	1201758	1204314	1202214	0.16	cps
Molybdenum	97-1	588883	587544	587850	588093	0.12	cps
Molybdenum	98-1	1495532	1499321	1494954	1496602	0.16	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	50751	50510	51226	50829	0.72	cps
Phosphorus	31-2	108	92	58	86	29.56	cps
Potassium	39-2	189656	188129	190053	189279	0.54	cps
Rhodium	103-1	4636721	4625713	4586306	4616247	0.57	cps
Rhodium	103-2	2177303	2190068	2196593	2187988	0.45	cps
Scandium	45-1	3658970	3702834	3728380	3696728	0.95	cps
Scandium	45-2	161206	161793	164604	162534	1.12	cps
Selenium	77-2	553	610	580	581	4.88	cps
Selenium	78-2	2117	1969	1906	1997	5.43	cps
Selenium	82-1	13132	13279	13210	13207	0.56	cps
Silicon	28-1	1625377	1627013	1619260	1623884	0.25	cps
Silver	109-1	405364	403936	404735	404678	0.18	cps
Silver	107-1	429326	425057	420499	424961	1.04	cps
Sodium	23-2	398872	403026	411115	404338	1.54	cps
Strontium	86-1	572716	574328	578398	575147	0.51	cps
Strontium	88-1	5068868	4938429	5036083	5014460	1.35	cps
Sulfur	34-1	302439	303362	303196	302999	0.16	cps
Terbium	159-1	5719942	5732928	5708152	5720341	0.22	cps
Terbium	159-2	2847088	2806887	2779020	2810999	1.22	cps
Thallium	203-1	525048	528154	537910	530371	1.27	cps
Thallium	205-1	1246549	1254351	1241397	1247432	0.52	cps
Tin	118-1	1338221	1352288	1335368	1341959	0.67	cps
Titanium	47-1	303671	312679	306792	307714	1.49	cps
Uranium	238-1	4588459	4580042	4566161	4578221	0.25	cps
Vanadium	51-2	103118	104775	104806	104233	0.93	cps
Yttrium	89-1	5437549	5481310	5503180	5474013	0.61	cps
Yttrium	89-2	770954	784343	784298	779865	0.99	cps
Zinc	66-2	37969	37846	38217	38011	0.50	cps
Zirconium	90-1	3366285	3363202	3339044	3356177	0.44	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 16:29:37	DataFile Name :	014ICV_P7102817 MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	755381	738794	736908	743694	1.37	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:01:39	DataFile Name :	015LCSE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	750	875	775	800	8.27	cps
Antimony	121-1	6518	7110	7027	6885	4.65	cps
Arsenic	75-2	157	150	146	151	3.74	cps
Barium	135-1	7119	7327	7602	7350	3.30	cps
Barium	137-1	12498	12665	12489	12551	0.79	cps
Beryllium	9-1	945	1028	1089	1020	7.11	cps
Bismuth	209-1	2847057	2816569	2813963	2825863	0.65	cps
Bismuth	209-2	1780103	1835278	1873802	1829728	2.57	cps
Boron	10-1	3017	3167	3142	3109	2.59	cps
Boron	11-1	14616	15684	14916	15072	3.65	cps
Cadmium	111-1	1661	1627	1571	1619	2.82	cps
Cadmium	106-1	1267	1308	1200	1258	4.34	cps
Cadmium	108-1	67	92	46	68	33.72	cps
Calcium	43-1	6160	6060	6135	6118	0.85	cps
Calcium	44-1	115137	114550	112945	114211	0.99	cps
Chromium	52-2	3034	2914	2994	2980	2.05	cps
Cobalt	59-2	1903	1833	1707	1815	5.49	cps
Copper	63-2	3861	3367	3470	3566	7.30	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	20	17	20	19	10.18	cps
Gadolinium	160-1	58	0	92	50	92.79	cps
Gadolinium	160-2	30	43	47	40	22.05	cps
Holmium	165-1	5368570	5368175	5371047	5369264	0.03	cps
Holmium	165-2	2619064	2737195	2714901	2690387	2.33	cps
Indium	115-1	4505490	4487228	4566554	4519757	0.92	cps
Indium	115-2	818719	836749	848915	834794	1.82	cps
Iron	56-2	47115	47906	48363	47795	1.32	cps
Iron	57-2	1150	1195	1333	1226	7.80	cps
Lead	206-1	1972	2411	2217	2200	10.00	cps
Lead	207-1	2011	1945	1789	1915	5.96	cps
Lead	208-1	9007	8985	9007	9000	0.14	cps
Lithium	6-1	1579542	1562140	1576624	1572769	0.59	cps
Magnesium	24-2	44785	46490	47409	46228	2.88	cps
Manganese	55-2	670	760	673	701	7.28	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:01:39	DataFile Name :	015LCSE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7285	6802	7252	7113	3.80	cps
Molybdenum	95-1	8661	8420	9087	8722	3.87	cps
Molybdenum	96-1	9962	9712	9529	9734	2.24	cps
Molybdenum	97-1	5601	5268	5410	5426	3.08	cps
Molybdenum	98-1	13565	13782	13540	13629	0.98	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	533	527	523	528	0.96	cps
Phosphorus	31-2	92	58	158	103	49.54	cps
Potassium	39-2	54710	56190	55513	55471	1.34	cps
Rhodium	103-1	4504738	4439947	4484885	4476523	0.74	cps
Rhodium	103-2	2029926	2089329	2077121	2065459	1.52	cps
Scandium	45-1	3672259	3560389	3596167	3609605	1.58	cps
Scandium	45-2	153011	156201	157472	155561	1.48	cps
Selenium	77-2	7	3	13	8	65.47	cps
Selenium	78-2	85	96	76	86	11.89	cps
Selenium	82-1	329	298	343	323	7.07	cps
Silicon	28-1	283750	286840	282506	284366	0.78	cps
Silver	109-1	4117	3626	3567	3770	8.02	cps
Silver	107-1	3651	3626	4092	3790	6.93	cps
Sodium	23-2	105302	106578	108893	106924	1.70	cps
Strontium	86-1	1350	1350	1467	1389	4.85	cps
Strontium	88-1	9604	9579	9287	9490	1.86	cps
Sulfur	34-1	304886	307920	306536	306447	0.50	cps
Terbium	159-1	5688156	5569191	5706978	5654775	1.32	cps
Terbium	159-2	2610666	2687692	2724132	2674163	2.17	cps
Thallium	203-1	2375	2225	2525	2375	6.32	cps
Thallium	205-1	5810	5918	5651	5793	2.32	cps
Tin	118-1	12589	13123	13223	12979	2.63	cps
Titanium	47-1	2809	2650	2859	2773	3.92	cps
Uranium	238-1	7728	8086	7361	7725	4.70	cps
Vanadium	51-2	4457	4754	4938	4716	5.14	cps
Yttrium	89-1	5322151	5233782	5272571	5276168	0.84	cps
Yttrium	89-2	719376	727445	734086	726969	1.01	cps
Zinc	66-2	473	480	447	467	3.78	cps
Zirconium	90-1	6902	6360	6602	6621	4.10	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:01:39	DataFile Name :	015LCSE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1467	1275	1400	1381	7.05	cps

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 17:05:57 DataFile Name : 016CCBE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	0	8	8	100.02	cps
Antimony	121-1	208	208	208	208	0.00	cps
Arsenic	75-2	4	2	6	4	50.09	cps
Barium	135-1	33	67	25	42	52.92	cps
Barium	137-1	75	100	75	83	17.33	cps
Beryllium	9-1	100	50	78	76	32.99	cps
Bismuth	209-1	2811343	2785676	2791420	2796147	0.48	cps
Bismuth	209-2	1846213	1904398	1912377	1887663	1.91	cps
Boron	10-1	433	400	383	406	6.28	cps
Boron	11-1	2025	1867	1784	1892	6.49	cps
Cadmium	111-1	949	923	747	873	12.60	cps
Cadmium	106-1	1342	1317	1067	1242	12.25	cps
Cadmium	108-1	4	4	0	3	86.60	cps
Calcium	43-1	267	250	242	253	5.04	cps
Calcium	44-1	20073	20089	20573	20245	1.40	cps
Chromium	52-2	653	633	533	607	10.60	cps
Cobalt	59-2	87	113	57	86	33.14	cps
Copper	63-2	673	710	700	694	2.73	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	17	33	25	25	33.32	cps
Erbium	164-2	10	7	10	9	21.63	cps
Gadolinium	160-1	25	25	0	17	86.60	cps
Gadolinium	160-2	37	30	27	31	16.37	cps
Holmium	165-1	5313358	5260561	5323489	5299136	0.64	cps
Holmium	165-2	2723991	2759480	2764042	2749171	0.80	cps
Indium	115-1	4534136	4529732	4536264	4533377	0.07	cps
Indium	115-2	843278	861928	861350	855519	1.24	cps
Iron	56-2	2056	2339	2300	2232	6.88	cps
Iron	57-2	111	122	189	141	29.89	cps
Lead	206-1	328	256	256	280	14.91	cps
Lead	207-1	256	328	328	304	13.73	cps
Lead	208-1	1233	1256	1145	1211	4.85	cps
Lithium	6-1	1587869	1558770	1569501	1572047	0.94	cps
Magnesium	24-2	358	358	317	344	6.98	cps
Manganese	55-2	57	53	37	49	21.91	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:05:57	DataFile Name :	016CCBE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	133	142	175	150	14.70	cps
Molybdenum	95-1	42	42	58	47	20.38	cps
Molybdenum	96-1	83	75	75	78	6.19	cps
Molybdenum	97-1	50	58	100	69	38.57	cps
Molybdenum	98-1	83	142	75	100	36.32	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	57	53	43	51	13.58	cps
Phosphorus	31-2	50	75	92	72	29.04	cps
Potassium	39-2	16602	17069	17210	16960	1.88	cps
Rhodium	103-1	4537102	4577853	4547945	4554300	0.46	cps
Rhodium	103-2	2080691	2128908	2108323	2105974	1.15	cps
Scandium	45-1	3646533	3598768	3577015	3607439	0.99	cps
Scandium	45-2	154624	156703	156251	155859	0.70	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	20	56	24	33	58.01	cps
Selenium	82-1	57	19	96	57	67.16	cps
Silicon	28-1	248014	249577	246778	248123	0.57	cps
Silver	109-1	33	42	75	50	44.10	cps
Silver	107-1	67	50	75	64	19.92	cps
Sodium	23-2	17861	17694	18228	17928	1.52	cps
Strontium	86-1	317	258	292	289	10.13	cps
Strontium	88-1	117	150	192	153	24.59	cps
Sulfur	34-1	310814	312074	310585	311158	0.26	cps
Terbium	159-1	5697670	5614930	5649247	5653949	0.74	cps
Terbium	159-2	2731577	2764373	2711500	2735817	0.98	cps
Thallium	203-1	33	92	50	58	51.51	cps
Thallium	205-1	108	83	108	100	14.43	cps
Tin	118-1	242	283	400	308	26.62	cps
Titanium	47-1	58	58	83	67	21.65	cps
Uranium	238-1	33	33	25	31	15.74	cps
Vanadium	51-2	7	7	3	6	34.70	cps
Yttrium	89-1	5320501	5308863	5263812	5297725	0.57	cps
Yttrium	89-2	736133	757434	737438	743668	1.61	cps
Zinc	66-2	133	133	110	126	10.73	cps
Zirconium	90-1	417	392	383	397	4.37	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:05:57	DataFile Name :	016CCBE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	58	83	69	18.33	cps

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P7
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 17:09:25 DataFile Name : 017ICSA_P7102817 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3531842	3570508	3570288	3557546	0.63	cps
Antimony	121-1	5159	5193	4701	5018	5.48	cps
Arsenic	75-2	43	46	57	49	15.81	cps
Barium	135-1	1175	1167	1242	1195	3.44	cps
Barium	137-1	2025	2125	2250	2134	5.29	cps
Beryllium	9-1	300	294	294	296	1.08	cps
Bismuth	209-1	2671234	2766379	2695240	2710951	1.83	cps
Bismuth	209-2	1838144	1847930	1902365	1862813	1.86	cps
Boron	10-1	375	358	350	361	3.52	cps
Boron	11-1	1992	2225	2142	2120	5.58	cps
Cadmium	111-1	1400	1266	1224	1297	7.08	cps
Cadmium	106-1	1467	1217	1117	1267	14.23	cps
Cadmium	108-1	717	688	683	696	2.61	cps
Calcium	43-1	1271051	1279476	1272204	1274244	0.36	cps
Calcium	44-1	20242806	20450848	20496653	20396769	0.66	cps
Chromium	52-2	24320	24804	24380	24502	1.08	cps
Cobalt	59-2	2234	2244	2377	2285	3.50	cps
Copper	63-2	10627	10941	10924	10831	1.63	cps
Dysprosium	156-1	33	25	33	31	15.74	cps
Dysprosium	156-2	17	3	17	12	63.01	cps
Erbium	164-1	33	17	17	22	43.28	cps
Erbium	164-2	17	10	3	10	66.70	cps
Gadolinium	160-1	33	42	33	36	13.33	cps
Gadolinium	160-2	53	47	37	46	18.41	cps
Holmium	165-1	5443028	5404891	5448936	5432285	0.44	cps
Holmium	165-2	2761361	2734127	2863772	2786420	2.45	cps
Indium	115-1	4500732	4517641	4506420	4508265	0.19	cps
Indium	115-2	852800	850040	872680	858506	1.44	cps
Iron	56-2	88610096	88173996	86906516	87896870	1.01	cps
Iron	57-2	2264894	2259738	2285035	2269889	0.59	cps
Lead	206-1	10855	10399	10527	10593	2.22	cps
Lead	207-1	9053	8809	8331	8731	4.21	cps
Lead	208-1	40875	39496	39535	39969	1.96	cps
Lithium	6-1	1521738	1524596	1508927	1518420	0.55	cps
Magnesium	24-2	9304133	9360945	9315789	9326956	0.32	cps
Manganese	55-2	5191	4998	5078	5089	1.91	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:09:25	DataFile Name :	017ICSA_P7102817 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2070400	2102678	2095678	2089585	0.81	cps
Molybdenum	95-1	3781801	3856538	3843057	3827132	1.04	cps
Molybdenum	96-1	4044622	4058535	4021152	4041437	0.47	cps
Molybdenum	97-1	2256993	2245460	2245144	2249199	0.30	cps
Molybdenum	98-1	6111267	6131405	6139689	6127454	0.24	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	2880	2810	2834	2841	1.25	cps
Phosphorus	31-2	225775	225850	228467	226697	0.68	cps
Potassium	39-2	8157105	8235772	8132898	8175258	0.66	cps
Rhodium	103-1	4361489	4426028	4432101	4406539	0.89	cps
Rhodium	103-2	2072166	2060446	2095909	2076174	0.87	cps
Scandium	45-1	3681980	3693988	3628209	3668059	0.95	cps
Scandium	45-2	158903	158720	160456	159360	0.60	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	28	43	54	41	31.44	cps
Selenium	82-1	5	86	141	77	88.50	cps
Silicon	28-1	353899	356713	355777	355463	0.40	cps
Silver	109-1	208	217	300	242	20.98	cps
Silver	107-1	275	300	433	336	25.33	cps
Sodium	23-2	18225389	18265970	18199288	18230216	0.18	cps
Strontium	86-1	40742	40783	40157	40561	0.86	cps
Strontium	88-1	344094	349133	352408	348545	1.20	cps
Sulfur	34-1	2405552	2427685	2406801	2413346	0.52	cps
Terbium	159-1	5702268	5741257	5706664	5716730	0.37	cps
Terbium	159-2	2827507	2842094	2821572	2830391	0.37	cps
Thallium	203-1	242	292	308	281	12.37	cps
Thallium	205-1	575	658	683	639	8.88	cps
Tin	118-1	2350	2417	1942	2236	11.50	cps
Titanium	47-1	1203384	1229989	1226258	1219877	1.18	cps
Uranium	238-1	233	292	200	242	19.20	cps
Vanadium	51-2	180	167	153	167	8.00	cps
Yttrium	89-1	5395139	5511601	5515238	5473993	1.25	cps
Yttrium	89-2	759489	757239	770908	762545	0.96	cps
Zinc	66-2	2200	2274	2367	2280	3.66	cps
Zirconium	90-1	1859	1483	1525	1622	12.67	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:09:25	DataFile Name :	017ICSA_P7102817 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	383	367	358	369	3.44	cps

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P7
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 17:35:53 DataFile Name : 021ICSB_P7102817 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3639569	3633093	3671468	3648044	0.56	cps
Antimony	121-1	76425	81587	80322	79445	3.39	cps
Arsenic	75-2	3089	2960	3106	3052	2.63	cps
Barium	135-1	16285	17278	17637	17067	4.10	cps
Barium	137-1	29457	30627	30100	30061	1.95	cps
Beryllium	9-1	19530	19318	19368	19405	0.57	cps
Bismuth	209-1	2685034	2745241	2667766	2699347	1.51	cps
Bismuth	209-2	1830246	1862303	1907032	1866527	2.07	cps
Boron	10-1	8244	8144	7877	8089	2.34	cps
Boron	11-1	38099	38608	38015	38241	0.84	cps
Cadmium	111-1	18777	18178	18736	18564	1.80	cps
Cadmium	106-1	3676	3501	3917	3698	5.66	cps
Cadmium	108-1	2142	2250	2304	2232	3.71	cps
Calcium	43-1	1302079	1274470	1300082	1292210	1.19	cps
Calcium	44-1	21115175	21003155	21119632	21079321	0.31	cps
Chromium	52-2	48791	49557	51032	49793	2.29	cps
Cobalt	59-2	41088	40770	41007	40955	0.40	cps
Copper	63-2	37127	37822	37926	37625	1.15	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	7	0	20	9	114.55	cps
Erbium	164-1	25	67	50	47	44.41	cps
Erbium	164-2	3	17	13	11	62.48	cps
Gadolinium	160-1	25	33	50	36	35.25	cps
Gadolinium	160-2	27	30	43	33	26.45	cps
Holmium	165-1	5550027	5518934	5361568	5476843	1.84	cps
Holmium	165-2	2790833	2751859	2822353	2788348	1.27	cps
Indium	115-1	4659988	4790037	4598956	4682993	2.08	cps
Indium	115-2	867425	878502	904569	883499	2.16	cps
Iron	56-2	90653241	90130544	90646058	90476614	0.33	cps
Iron	57-2	2321125	2318560	2323106	2320930	0.10	cps
Lead	206-1	52721	52258	53971	52984	1.67	cps
Lead	207-1	43299	43762	44960	44007	1.95	cps
Lead	208-1	202035	202146	205276	203152	0.91	cps
Lithium	6-1	1537624	1532173	1530103	1533300	0.25	cps
Magnesium	24-2	9560166	9565202	9477296	9534221	0.52	cps
Manganese	55-2	18405	18759	19226	18797	2.19	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:35:53	DataFile Name :	021ICSB_P7102817 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2279111	2299048	2302912	2293690	0.56	cps
Molybdenum	95-1	3953271	3989268	3985556	3976032	0.50	cps
Molybdenum	96-1	4288196	4292594	4243468	4274753	0.64	cps
Molybdenum	97-1	2319417	2341542	2333487	2331482	0.48	cps
Molybdenum	98-1	6279349	6338854	6323073	6313759	0.49	cps
Neodymium	150-1	20	27	47	31	44.61	cps
Neodymium	150-2	7	17	0	8	107.84	cps
Nickel	60-2	12519	12179	12332	12343	1.38	cps
Phosphorus	31-2	227813	231603	232391	230602	1.06	cps
Potassium	39-2	8328321	8401871	8490227	8406806	0.96	cps
Rhodium	103-1	4550940	4614096	4540142	4568393	0.87	cps
Rhodium	103-2	2084979	2152548	2182274	2139934	2.33	cps
Scandium	45-1	3824090	3852144	3775187	3817140	1.02	cps
Scandium	45-2	159958	167206	170989	166051	3.38	cps
Selenium	77-2	60	47	53	53	12.50	cps
Selenium	78-2	217	215	230	220	3.66	cps
Selenium	82-1	1317	1260	1337	1305	3.08	cps
Silicon	28-1	507072	511970	508570	509204	0.49	cps
Silver	109-1	76189	75694	76791	76225	0.72	cps
Silver	107-1	79943	80093	80422	80152	0.31	cps
Sodium	23-2	18770015	18937110	18884145	18863757	0.45	cps
Strontium	86-1	101835	102380	102145	102120	0.27	cps
Strontium	88-1	866981	886334	870446	874587	1.18	cps
Sulfur	34-1	2476281	2474812	2469637	2473577	0.14	cps
Terbium	159-1	5753413	5841660	5762306	5785793	0.84	cps
Terbium	159-2	2823730	2771245	2779246	2791407	1.01	cps
Thallium	203-1	52588	52513	50413	51838	2.38	cps
Thallium	205-1	123334	121543	120055	121644	1.35	cps
Tin	118-1	143376	144898	146011	144762	0.91	cps
Titanium	47-1	1262456	1260883	1275460	1266266	0.63	cps
Uranium	238-1	431655	432927	429277	431286	0.43	cps
Vanadium	51-2	20908	21109	20952	20990	0.50	cps
Yttrium	89-1	5561197	5722273	5579047	5620839	1.57	cps
Yttrium	89-2	765453	786049	805256	785586	2.53	cps
Zinc	66-2	5888	5795	5821	5835	0.82	cps
Zirconium	90-1	359978	363207	357972	360385	0.73	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:35:53	DataFile Name :	021ICSB_P7102817 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	81809	80694	81649	81384	0.74	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCV098	Instrumnet Name :	P7
Client Sample ID :	CCV098	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:39:18	DataFile Name :	022CCV_P7102817 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2068331	2075495	2095676	2079834	0.68	cps
Antimony	121-1	1950680	1939295	1960054	1950010	0.53	cps
Arsenic	75-2	78965	80264	81110	80113	1.35	cps
Barium	135-1	2045183	2063552	2033687	2047474	0.74	cps
Barium	137-1	3531779	3525828	3540649	3532752	0.21	cps
Beryllium	9-1	484184	487276	491543	487668	0.76	cps
Bismuth	209-1	2630855	2644528	2591348	2622244	1.05	cps
Bismuth	209-2	1844824	1873721	1905520	1874688	1.62	cps
Boron	10-1	63283	64262	65141	64228	1.45	cps
Boron	11-1	308979	318008	322906	316631	2.23	cps
Cadmium	111-1	435959	438445	436055	436819	0.32	cps
Cadmium	106-1	50449	50733	48952	50045	1.91	cps
Cadmium	108-1	32533	32325	32383	32414	0.33	cps
Calcium	43-1	3459527	3464470	3540577	3488191	1.30	cps
Calcium	44-1	54704491	54556218	54617822	54626177	0.14	cps
Chromium	52-2	652654	654383	664749	657262	1.00	cps
Cobalt	59-2	964429	973740	984643	974271	1.04	cps
Copper	63-2	1301068	1314586	1325099	1313584	0.92	cps
Dysprosium	156-1	67	67	25	53	45.58	cps
Dysprosium	156-2	23	30	30	28	13.86	cps
Erbium	164-1	8	8	33	17	86.62	cps
Erbium	164-2	17	7	10	11	45.82	cps
Gadolinium	160-1	58	33	50	47	26.97	cps
Gadolinium	160-2	50	43	40	44	11.46	cps
Holmium	165-1	5440740	5362667	5400352	5401253	0.72	cps
Holmium	165-2	2755915	2749823	2746895	2750878	0.17	cps
Indium	115-1	4631247	4546677	4620218	4599381	1.00	cps
Indium	115-2	895785	895171	910600	900519	0.97	cps
Iron	56-2	115995703	115327347	116154261	115825770	0.38	cps
Iron	57-2	2943387	2977335	3023904	2981542	1.36	cps
Lead	206-1	1060888	1060189	1054354	1058477	0.34	cps
Lead	207-1	958775	958713	950794	956094	0.48	cps
Lead	208-1	4249851	4239697	4193705	4227751	0.71	cps
Lithium	6-1	1536523	1539015	1533952	1536497	0.16	cps
Magnesium	24-2	25451775	24993827	25081503	25175702	0.97	cps
Manganese	55-2	700883	701491	713092	705155	0.98	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCV098	Instrumnet Name :	P7
Client Sample ID :	CCV098	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:39:18	DataFile Name :	022CCV_P7102817 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1898296	1912331	1914665	1908431	0.46	cps
Molybdenum	95-1	1036791	1041831	1036571	1038398	0.29	cps
Molybdenum	96-1	1336004	1331170	1324169	1330448	0.45	cps
Molybdenum	97-1	650654	647826	648403	648961	0.23	cps
Molybdenum	98-1	1642227	1645815	1645568	1644537	0.12	cps
Neodymium	150-1	87	113	107	102	13.58	cps
Neodymium	150-2	10	23	10	14	53.28	cps
Nickel	60-2	252187	252664	252387	252413	0.10	cps
Phosphorus	31-2	25531	24763	26173	25489	2.77	cps
Potassium	39-2	11164597	11255953	11284342	11234964	0.56	cps
Rhodium	103-1	4436099	4441993	4420498	4432863	0.25	cps
Rhodium	103-2	2112102	2103752	2143292	2119716	0.98	cps
Scandium	45-1	3860549	3842256	3849996	3850934	0.24	cps
Scandium	45-2	166527	169195	172546	169423	1.78	cps
Selenium	77-2	1463	1467	1410	1447	2.20	cps
Selenium	78-2	4973	4919	5177	5023	2.70	cps
Selenium	82-1	33927	33818	34097	33947	0.41	cps
Silicon	28-1	1865676	1880896	1916702	1887758	1.39	cps
Silver	109-1	1946128	1963868	1975580	1961859	0.76	cps
Silver	107-1	2072471	2064671	2068036	2068393	0.19	cps
Sodium	23-2	48869855	48768225	49137892	48925324	0.39	cps
Strontium	86-1	651728	647661	658560	652650	0.84	cps
Strontium	88-1	5549731	5533453	5624524	5569236	0.87	cps
Sulfur	34-1	525578	531929	535773	531093	0.97	cps
Terbium	159-1	5707265	5673682	5748002	5709650	0.65	cps
Terbium	159-2	2865313	2713754	2764677	2781248	2.77	cps
Thallium	203-1	1269548	1263749	1260895	1264731	0.35	cps
Thallium	205-1	2950581	2974434	2960745	2961920	0.40	cps
Tin	118-1	1442862	1436330	1454285	1444492	0.63	cps
Titanium	47-1	339102	336573	342980	339552	0.95	cps
Uranium	238-1	4451716	4402803	4360001	4404840	1.04	cps
Vanadium	51-2	551823	564444	569648	561972	1.63	cps
Yttrium	89-1	5657434	5610135	5597523	5621697	0.56	cps
Yttrium	89-2	803241	792676	816776	804231	1.50	cps
Zinc	66-2	186478	187453	189797	187909	0.91	cps
Zirconium	90-1	3715120	3628340	3699131	3680864	1.25	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCV098	Instrumnet Name :	P7
Client Sample ID :	CCV098	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:39:18	DataFile Name :	022CCV_P7102817 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	827755	814560	830607	824307	1.04	cps

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : LLCCV01 Instrumnet Name : P7
 Client Sample ID : LLCCV01 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 17:52:27 DataFile Name : 023LCSE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	775	750	792	772	2.72	cps
Antimony	121-1	7711	8019	7561	7764	3.01	cps
Arsenic	75-2	154	128	172	151	14.76	cps
Barium	135-1	7827	7286	7569	7561	3.59	cps
Barium	137-1	12798	13082	12856	12912	1.16	cps
Beryllium	9-1	1039	1111	1045	1065	3.77	cps
Bismuth	209-1	2841509	2838754	2774815	2818359	1.34	cps
Bismuth	209-2	1873313	1915791	1891952	1893685	1.12	cps
Boron	10-1	3175	3467	3125	3256	5.67	cps
Boron	11-1	15400	15500	15609	15503	0.67	cps
Cadmium	111-1	1843	1756	1684	1761	4.52	cps
Cadmium	106-1	1358	1408	1367	1378	1.94	cps
Cadmium	108-1	42	79	63	61	30.74	cps
Calcium	43-1	6427	6068	6143	6213	3.04	cps
Calcium	44-1	124008	120563	123520	122697	1.52	cps
Chromium	52-2	3164	3194	3350	3236	3.10	cps
Cobalt	59-2	2044	1867	1847	1919	5.64	cps
Copper	63-2	3390	3444	3257	3364	2.86	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	33	25	25	33.32	cps
Erbium	164-2	17	7	0	8	107.84	cps
Gadolinium	160-1	8	25	25	19	49.50	cps
Gadolinium	160-2	30	40	33	34	14.78	cps
Holmium	165-1	5351184	5439962	5387990	5393045	0.83	cps
Holmium	165-2	2809968	2774856	2784296	2789707	0.65	cps
Indium	115-1	4756637	4755723	4737548	4749969	0.23	cps
Indium	115-2	881609	887636	890300	886515	0.50	cps
Iron	56-2	51970	50911	52260	51714	1.37	cps
Iron	57-2	1478	1261	1411	1383	8.02	cps
Lead	206-1	2350	2395	2334	2360	1.34	cps
Lead	207-1	2328	2061	2067	2152	7.08	cps
Lead	208-1	9596	9696	9390	9561	1.63	cps
Lithium	6-1	1556290	1550430	1540866	1549195	0.50	cps
Magnesium	24-2	48622	46197	48354	47724	2.79	cps
Manganese	55-2	747	813	677	746	9.17	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:52:27	DataFile Name :	023LCSE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8319	8336	8661	8439	2.28	cps
Molybdenum	95-1	8711	9095	9662	9156	5.22	cps
Molybdenum	96-1	10721	10413	10504	10546	1.50	cps
Molybdenum	97-1	5860	5918	5893	5890	0.50	cps
Molybdenum	98-1	14566	15476	14942	14994	3.05	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	543	543	613	567	7.13	cps
Phosphorus	31-2	75	67	42	61	28.38	cps
Potassium	39-2	60733	61419	60156	60769	1.04	cps
Rhodium	103-1	4735551	4756076	4762560	4751395	0.30	cps
Rhodium	103-2	2158969	2195093	2163914	2172658	0.90	cps
Scandium	45-1	3878500	3863850	3888099	3876816	0.32	cps
Scandium	45-2	162079	163738	165237	163684	0.97	cps
Selenium	77-2	17	17	20	18	10.81	cps
Selenium	78-2	83	102	74	86	16.36	cps
Selenium	82-1	427	373	358	386	9.40	cps
Silicon	28-1	304068	301825	301696	302530	0.44	cps
Silver	109-1	4301	4276	4234	4270	0.79	cps
Silver	107-1	4184	4493	4576	4418	4.67	cps
Sodium	23-2	117020	117475	117752	117416	0.31	cps
Strontium	86-1	1317	1300	1425	1347	5.04	cps
Strontium	88-1	10154	10179	10304	10212	0.79	cps
Sulfur	34-1	304214	304323	303925	304154	0.07	cps
Terbium	159-1	5747375	5652410	5728064	5709283	0.88	cps
Terbium	159-2	2761200	2801635	2792804	2785213	0.76	cps
Thallium	203-1	2409	2384	2584	2459	4.43	cps
Thallium	205-1	5651	5793	5802	5749	1.47	cps
Tin	118-1	13640	12990	13348	13326	2.45	cps
Titanium	47-1	3292	3142	3134	3189	2.79	cps
Uranium	238-1	8195	7311	7861	7789	5.73	cps
Vanadium	51-2	5228	4904	4998	5043	3.30	cps
Yttrium	89-1	5703460	5612045	5664842	5660116	0.81	cps
Yttrium	89-2	777081	778994	775216	777097	0.24	cps
Zinc	66-2	520	510	523	518	1.34	cps
Zirconium	90-1	8153	7861	7836	7950	2.22	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:52:27	DataFile Name :	023LCSE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1658	1725	1709	1697	2.04	cps

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : CCB098 Instrumnet Name : P7
 Client Sample ID : CCB098 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 17:55:53 DataFile Name : 024CCBE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	42	33	33	25.01	cps
Antimony	121-1	542	525	550	539	2.36	cps
Arsenic	75-2	6	7	7	7	15.72	cps
Barium	135-1	17	50	25	31	56.77	cps
Barium	137-1	33	33	25	31	15.74	cps
Beryllium	9-1	78	128	89	98	26.75	cps
Bismuth	209-1	2916358	2873247	2844757	2878121	1.25	cps
Bismuth	209-2	1903593	1904678	1916886	1908386	0.39	cps
Boron	10-1	600	467	433	500	17.64	cps
Boron	11-1	2534	2475	2309	2439	4.79	cps
Cadmium	111-1	1028	986	893	969	7.15	cps
Cadmium	106-1	1467	1417	1292	1392	6.48	cps
Cadmium	108-1	4	8	17	10	65.47	cps
Calcium	43-1	292	150	217	219	32.30	cps
Calcium	44-1	23086	23152	22668	22969	1.14	cps
Chromium	52-2	683	737	640	687	7.05	cps
Cobalt	59-2	30	77	53	53	43.75	cps
Copper	63-2	733	667	660	687	5.91	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	8	8	19	99.00	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	8	25	8	14	69.31	cps
Gadolinium	160-2	33	40	20	31	32.73	cps
Holmium	165-1	5443418	5444990	5376728	5421712	0.72	cps
Holmium	165-2	2764744	2799065	2737315	2767042	1.12	cps
Indium	115-1	4840786	4762851	4824618	4809418	0.86	cps
Indium	115-2	889798	890674	897929	892800	0.50	cps
Iron	56-2	3367	3573	3545	3495	3.19	cps
Iron	57-2	172	189	106	156	28.35	cps
Lead	206-1	306	289	283	293	3.95	cps
Lead	207-1	322	267	194	261	24.54	cps
Lead	208-1	1261	1189	1222	1224	2.95	cps
Lithium	6-1	1597091	1581275	1570336	1582901	0.85	cps
Magnesium	24-2	375	417	483	425	12.86	cps
Manganese	55-2	23	33	33	30	19.25	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCB098	Instrumnet Name :	P7
Client Sample ID :	CCB098	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:55:53	DataFile Name :	024CCBE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	292	317	283	297	5.84	cps
Molybdenum	95-1	217	175	242	211	15.95	cps
Molybdenum	96-1	175	125	183	161	19.58	cps
Molybdenum	97-1	150	108	133	131	16.06	cps
Molybdenum	98-1	192	225	192	203	9.49	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	53	47	67	56	18.33	cps
Phosphorus	31-2	83	92	83	86	5.58	cps
Potassium	39-2	19455	19931	19096	19494	2.15	cps
Rhodium	103-1	4838740	4750470	4779421	4789543	0.94	cps
Rhodium	103-2	2186310	2199675	2193423	2193136	0.30	cps
Scandium	45-1	3922088	3926515	3865021	3904541	0.88	cps
Scandium	45-2	163434	163326	163835	163532	0.16	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	28	39	35	34	16.66	cps
Selenium	82-1	0	68	89	52	89.37	cps
Silicon	28-1	257452	260184	257733	258456	0.58	cps
Silver	109-1	183	125	108	139	28.35	cps
Silver	107-1	183	158	83	142	36.73	cps
Sodium	23-2	24262	24078	24270	24204	0.45	cps
Strontium	86-1	317	300	275	297	7.06	cps
Strontium	88-1	175	192	142	169	15.03	cps
Sulfur	34-1	304436	305533	306637	305535	0.36	cps
Terbium	159-1	5923598	5888559	5794385	5868847	1.14	cps
Terbium	159-2	2814582	2765132	2751288	2777001	1.20	cps
Thallium	203-1	92	108	42	81	43.07	cps
Thallium	205-1	183	167	267	206	26.06	cps
Tin	118-1	375	258	333	322	18.35	cps
Titanium	47-1	108	83	92	94	13.48	cps
Uranium	238-1	33	17	0	17	99.99	cps
Vanadium	51-2	7	3	7	6	34.70	cps
Yttrium	89-1	5718918	5653802	5701095	5691272	0.59	cps
Yttrium	89-2	775223	781765	780258	779082	0.44	cps
Zinc	66-2	143	160	197	167	16.37	cps
Zirconium	90-1	442	600	492	511	15.84	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCB098	Instrumnet Name :	P7
Client Sample ID :	CCB098	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:55:53	DataFile Name :	024CCBE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	125	117	122	3.94	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:59:20	DataFile Name :	025SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	792	942	758	831	11.76	cps
Antimony	121-1	7377	7911	7736	7675	3.54	cps
Arsenic	75-2	167	139	170	159	10.85	cps
Barium	135-1	8028	7302	7711	7680	4.74	cps
Barium	137-1	13190	12406	13407	13001	4.05	cps
Beryllium	9-1	1033	1039	1017	1030	1.12	cps
Bismuth	209-1	2959477	2803860	2784219	2849185	3.37	cps
Bismuth	209-2	1905656	1976910	1913733	1932100	2.02	cps
Boron	10-1	2909	2934	3359	3067	8.25	cps
Boron	11-1	14891	14983	16059	15311	4.24	cps
Cadmium	111-1	1766	1869	1774	1803	3.18	cps
Cadmium	106-1	1383	1675	1492	1517	9.72	cps
Cadmium	108-1	75	58	58	64	15.06	cps
Calcium	43-1	6377	6477	6543	6466	1.30	cps
Calcium	44-1	125260	122629	123462	123784	1.09	cps
Chromium	52-2	3264	2977	3197	3146	4.77	cps
Cobalt	59-2	1857	1987	1930	1925	3.39	cps
Copper	63-2	3050	3150	3214	3138	2.62	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	25	17	28	45.82	cps
Erbium	164-2	3	27	17	16	75.27	cps
Gadolinium	160-1	8	33	25	22	57.29	cps
Gadolinium	160-2	43	40	23	36	30.14	cps
Holmium	165-1	5558460	5430183	5447400	5478681	1.27	cps
Holmium	165-2	2793452	2870131	2767709	2810431	1.90	cps
Indium	115-1	4987893	4748648	4796253	4844265	2.61	cps
Indium	115-2	899865	926117	894872	906951	1.85	cps
Iron	56-2	49484	50688	49646	49939	1.31	cps
Iron	57-2	1278	1433	1200	1304	9.11	cps
Lead	206-1	2395	2356	2434	2395	1.62	cps
Lead	207-1	2328	2134	1978	2147	8.17	cps
Lead	208-1	9635	9535	9390	9520	1.29	cps
Lithium	6-1	1622390	1561925	1569475	1584596	2.08	cps
Magnesium	24-2	47000	47108	46348	46819	0.88	cps
Manganese	55-2	753	757	743	751	0.92	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:59:20	DataFile Name :	025SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8203	7886	7961	8016	2.06	cps
Molybdenum	95-1	9754	9228	9237	9406	3.20	cps
Molybdenum	96-1	10721	10421	9879	10340	4.13	cps
Molybdenum	97-1	5718	5751	5801	5757	0.73	cps
Molybdenum	98-1	15359	15083	14892	15111	1.56	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	593	583	537	571	5.30	cps
Phosphorus	31-2	83	125	58	89	37.89	cps
Potassium	39-2	59947	60658	59553	60053	0.93	cps
Rhodium	103-1	4954766	4794497	4759476	4836246	2.15	cps
Rhodium	103-2	2188562	2251795	2207471	2215943	1.46	cps
Scandium	45-1	3956752	3818530	3804016	3859766	2.18	cps
Scandium	45-2	163856	168551	165746	166051	1.42	cps
Selenium	77-2	27	7	3	12	103.26	cps
Selenium	78-2	81	70	89	80	11.62	cps
Selenium	82-1	383	369	423	392	7.15	cps
Silicon	28-1	299202	296646	296993	297613	0.47	cps
Silver	109-1	4159	4276	3867	4101	5.13	cps
Silver	107-1	4059	4001	4701	4254	9.13	cps
Sodium	23-2	116382	112596	116113	115030	1.84	cps
Strontium	86-1	1300	1358	1450	1370	5.52	cps
Strontium	88-1	10513	10396	10321	10410	0.93	cps
Sulfur	34-1	309528	308328	306247	308034	0.54	cps
Terbium	159-1	5971846	5616312	5725757	5771305	3.16	cps
Terbium	159-2	2784320	2843274	2776187	2801260	1.31	cps
Thallium	203-1	2650	2542	2667	2620	2.59	cps
Thallium	205-1	5918	5827	6035	5927	1.76	cps
Tin	118-1	14274	13532	13524	13777	3.13	cps
Titanium	47-1	3134	3059	2934	3042	3.32	cps
Uranium	238-1	8153	7869	7703	7908	2.88	cps
Vanadium	51-2	4871	4888	5024	4928	1.71	cps
Yttrium	89-1	5791856	5707330	5592742	5697309	1.75	cps
Yttrium	89-2	786442	807704	778697	790947	1.90	cps
Zinc	66-2	520	623	463	536	15.15	cps
Zirconium	90-1	7402	7519	7544	7488	1.01	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 17:59:20	DataFile Name :	025SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1600	1442	1575	1539	5.53	cps

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : PB103817BL Instrumnet Name : P7
 Client Sample ID : PB103817BL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 18:12:15 DataFile Name : 026CCBE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	17	17	14	34.67	cps
Antimony	121-1	142	325	267	244	38.32	cps
Arsenic	75-2	2	9	6	6	66.68	cps
Barium	135-1	17	25	8	17	50.01	cps
Barium	137-1	17	67	17	33	86.59	cps
Beryllium	9-1	89	72	78	80	10.66	cps
Bismuth	209-1	2783700	2849176	2854402	2829093	1.39	cps
Bismuth	209-2	1841623	1880516	1886908	1869682	1.31	cps
Boron	10-1	242	175	192	203	17.11	cps
Boron	11-1	1133	1033	1292	1153	11.30	cps
Cadmium	111-1	811	904	850	855	5.48	cps
Cadmium	106-1	1167	1300	1208	1225	5.57	cps
Cadmium	108-1	8	8	0	6	86.60	cps
Calcium	43-1	175	167	158	167	5.00	cps
Calcium	44-1	21433	21199	21249	21294	0.58	cps
Chromium	52-2	627	660	660	649	2.97	cps
Cobalt	59-2	50	53	57	53	6.25	cps
Copper	63-2	600	680	663	648	6.52	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	0	8	3	173.21	cps
Erbium	164-2	0	3	10	4	114.60	cps
Gadolinium	160-1	25	8	33	22	57.29	cps
Gadolinium	160-2	30	20	30	27	21.65	cps
Holmium	165-1	5393319	5416070	5401262	5403550	0.21	cps
Holmium	165-2	2712003	2732762	2756839	2733868	0.82	cps
Indium	115-1	4644256	4640249	4715079	4666528	0.90	cps
Indium	115-2	863972	873585	855158	864238	1.07	cps
Iron	56-2	2639	2684	2673	2665	0.87	cps
Iron	57-2	183	122	100	135	31.92	cps
Lead	206-1	294	294	261	283	6.79	cps
Lead	207-1	278	233	222	244	12.03	cps
Lead	208-1	1150	1161	1156	1156	0.48	cps
Lithium	6-1	1558246	1542024	1545772	1548681	0.55	cps
Magnesium	24-2	450	458	292	400	23.48	cps
Manganese	55-2	27	27	30	28	6.92	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103817BL	Instrumnet Name :	P7
Client Sample ID :	PB103817BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:12:15	DataFile Name :	026CCBE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	217	158	200	192	15.68	cps
Molybdenum	95-1	75	58	83	72	17.62	cps
Molybdenum	96-1	92	133	125	117	18.90	cps
Molybdenum	97-1	67	25	33	42	52.92	cps
Molybdenum	98-1	142	125	142	136	7.07	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	30	33	93	52	68.26	cps
Phosphorus	31-2	33	50	67	50	33.34	cps
Potassium	39-2	18012	18220	17736	17989	1.35	cps
Rhodium	103-1	4670097	4780979	4725408	4725495	1.17	cps
Rhodium	103-2	2126235	2158027	2140968	2141743	0.74	cps
Scandium	45-1	3736968	3783318	3791237	3770508	0.78	cps
Scandium	45-2	158519	160765	159785	159689	0.71	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	33	61	35	43	35.94	cps
Selenium	82-1	45	23	18	29	50.42	cps
Silicon	28-1	253808	251318	252461	252529	0.49	cps
Silver	109-1	100	33	8	47	100.36	cps
Silver	107-1	92	67	83	81	15.80	cps
Sodium	23-2	20540	19739	20623	20300	2.41	cps
Strontium	86-1	383	275	358	339	16.74	cps
Strontium	88-1	150	83	117	117	28.57	cps
Sulfur	34-1	306459	310761	306296	307839	0.82	cps
Terbium	159-1	5724875	5803841	5659904	5729540	1.26	cps
Terbium	159-2	2708082	2779046	2747708	2744945	1.30	cps
Thallium	203-1	42	50	50	47	10.18	cps
Thallium	205-1	108	108	158	125	23.09	cps
Tin	118-1	317	375	308	333	10.90	cps
Titanium	47-1	75	100	117	97	21.57	cps
Uranium	238-1	25	17	0	14	91.65	cps
Vanadium	51-2	0	0	0	0	0.00	cps
Yttrium	89-1	5496287	5558623	5530741	5528550	0.56	cps
Yttrium	89-2	741062	764654	757175	754297	1.60	cps
Zinc	66-2	87	107	137	110	22.88	cps
Zirconium	90-1	442	383	375	400	9.08	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103817BL	Instrumnet Name :	P7
Client Sample ID :	PB103817BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:12:15	DataFile Name :	026CCBE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	150	117	114	33.00	cps

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : I5275-01 Instrumnet Name : P7
 Client Sample ID : LOD-SOIL-01-QT4-2017 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 18:15:42 DataFile Name : 027SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	525	392	450	456	14.67	cps
Antimony	121-1	1550	1517	1792	1620	9.27	cps
Arsenic	75-2	80	54	61	65	20.61	cps
Barium	135-1	1809	1842	1834	1828	0.95	cps
Barium	137-1	2809	3050	3050	2970	4.70	cps
Beryllium	9-1	511	439	378	443	15.08	cps
Bismuth	209-1	2790837	2835445	2847603	2824628	1.06	cps
Bismuth	209-2	1895140	1929403	1962368	1928970	1.74	cps
Boron	10-1	258	192	283	244	19.38	cps
Boron	11-1	1417	1525	1267	1403	9.25	cps
Cadmium	111-1	1307	1365	1225	1299	5.42	cps
Cadmium	106-1	1450	1392	1233	1358	8.25	cps
Cadmium	108-1	29	25	25	26	9.12	cps
Calcium	43-1	783	792	825	800	2.76	cps
Calcium	44-1	31318	31518	30415	31084	1.89	cps
Chromium	52-2	1227	1237	1117	1193	5.58	cps
Cobalt	59-2	837	867	887	863	2.91	cps
Copper	63-2	2524	2347	2667	2512	6.38	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	0	25	17	14	91.65	cps
Erbium	164-2	13	7	10	10	33.30	cps
Gadolinium	160-1	25	25	50	33	43.30	cps
Gadolinium	160-2	30	23	27	27	12.51	cps
Holmium	165-1	5455201	5439725	5526083	5473669	0.84	cps
Holmium	165-2	2740871	2761414	2776407	2759564	0.65	cps
Indium	115-1	4673898	4759626	4790317	4741280	1.27	cps
Indium	115-2	879507	890321	905646	891824	1.47	cps
Iron	56-2	23336	23130	23547	23337	0.89	cps
Iron	57-2	583	611	606	600	2.45	cps
Lead	206-1	1078	1239	1061	1126	8.72	cps
Lead	207-1	1033	939	950	974	5.30	cps
Lead	208-1	4700	4756	4573	4676	2.01	cps
Lithium	6-1	1559489	1572784	1580743	1571005	0.68	cps
Magnesium	24-2	4501	4126	4334	4320	4.35	cps
Manganese	55-2	597	560	647	601	7.24	cps

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : I5275-01 Instrumnet Name : P7
 Client Sample ID : LOD-SOIL-01-QT4-2017 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 18:15:42 DataFile Name : 027SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1650	1492	1367	1503	9.45	cps
Molybdenum	95-1	850	908	833	864	4.56	cps
Molybdenum	96-1	1142	1008	1208	1120	9.10	cps
Molybdenum	97-1	425	575	550	517	15.55	cps
Molybdenum	98-1	1242	1500	1458	1400	9.91	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	283	277	297	286	3.57	cps
Phosphorus	31-2	83	75	100	86	14.78	cps
Potassium	39-2	19830	20214	19330	19792	2.24	cps
Rhodium	103-1	4690380	4778785	4842862	4770675	1.60	cps
Rhodium	103-2	2165673	2203042	2192627	2187114	0.88	cps
Scandium	45-1	3754668	3791066	3871019	3805584	1.56	cps
Scandium	45-2	160953	163222	165612	163263	1.43	cps
Selenium	77-2	0	3	10	4	114.60	cps
Selenium	78-2	46	56	70	57	21.15	cps
Selenium	82-1	174	228	194	199	13.75	cps
Silicon	28-1	261533	264469	261202	262401	0.69	cps
Silver	109-1	1617	1767	1959	1781	9.62	cps
Silver	107-1	1867	1850	1900	1872	1.36	cps
Sodium	23-2	29455	29973	29872	29767	0.92	cps
Strontium	86-1	917	850	800	856	6.84	cps
Strontium	88-1	4818	4451	4176	4481	7.19	cps
Sulfur	34-1	309113	308544	306220	307959	0.50	cps
Terbium	159-1	5749868	5771311	5830200	5783793	0.72	cps
Terbium	159-2	2776526	2759385	2789228	2775046	0.54	cps
Thallium	203-1	1408	1183	958	1183	19.01	cps
Thallium	205-1	2800	2342	2692	2611	9.18	cps
Tin	118-1	1400	1417	1325	1381	3.54	cps
Titanium	47-1	450	358	367	392	12.94	cps
Uranium	238-1	3476	3509	3501	3495	0.50	cps
Vanadium	51-2	453	413	447	438	4.89	cps
Yttrium	89-1	5643111	5646992	5665584	5651896	0.21	cps
Yttrium	89-2	767678	779600	779918	775732	0.90	cps
Zinc	66-2	303	427	320	350	19.12	cps
Zirconium	90-1	2884	2909	3075	2956	3.53	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I5275-01	Instrumnet Name :	P7
Client Sample ID :	LOD-SOIL-01-QT4-2017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:15:42	DataFile Name :	027SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	733	683	617	678	8.64	cps

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : I5275-02 Instrumnet Name : P7
 Client Sample ID : LOQ-SOIL-02-QT4-2017 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 18:19:09 DataFile Name : 028SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1592	1417	1367	1458	8.10	cps
Antimony	121-1	14992	15117	14925	15011	0.65	cps
Arsenic	75-2	291	324	294	303	6.03	cps
Barium	135-1	15634	15100	14692	15142	3.12	cps
Barium	137-1	26710	26827	27361	26966	1.29	cps
Beryllium	9-1	1906	1889	1656	1817	7.69	cps
Bismuth	209-1	2791947	2774085	2778977	2781670	0.33	cps
Bismuth	209-2	1895010	1920277	1926089	1913792	0.86	cps
Boron	10-1	5826	6068	6068	5988	2.33	cps
Boron	11-1	27960	27592	28778	28110	2.16	cps
Cadmium	111-1	2594	2567	2541	2567	1.03	cps
Cadmium	106-1	1692	1567	1358	1539	10.94	cps
Cadmium	108-1	129	150	92	124	23.91	cps
Calcium	43-1	13248	12781	12639	12889	2.47	cps
Calcium	44-1	224234	224727	224219	224393	0.13	cps
Chromium	52-2	5821	5981	6011	5938	1.72	cps
Cobalt	59-2	3897	3874	3914	3895	0.52	cps
Copper	63-2	6115	6478	6545	6379	3.63	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	42	25	33	25.01	cps
Erbium	164-2	10	3	23	12	83.33	cps
Gadolinium	160-1	42	25	25	31	31.50	cps
Gadolinium	160-2	23	33	30	29	17.63	cps
Holmium	165-1	5327934	5452002	5367486	5382474	1.18	cps
Holmium	165-2	2756361	2742131	2781157	2759883	0.72	cps
Indium	115-1	4687513	4703617	4726891	4706007	0.42	cps
Indium	115-2	882645	878227	888163	883012	0.56	cps
Iron	56-2	98842	99390	101639	99957	1.48	cps
Iron	57-2	2411	2300	2573	2428	5.64	cps
Lead	206-1	4356	4668	4134	4386	6.11	cps
Lead	207-1	4040	4073	4112	4075	0.89	cps
Lead	208-1	18255	18478	17399	18044	3.16	cps
Lithium	6-1	1554192	1539528	1545600	1546440	0.48	cps
Magnesium	24-2	94581	95621	95050	95084	0.55	cps
Manganese	55-2	1453	1373	1277	1368	6.47	cps

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : I5275-02 Instrumnet Name : P7
 Client Sample ID : LOQ-SOIL-02-QT4-2017 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 18:19:09 DataFile Name : 028SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	16243	16093	15667	16001	1.87	cps
Molybdenum	95-1	19122	19314	18713	19049	1.61	cps
Molybdenum	96-1	21158	20432	20666	20752	1.79	cps
Molybdenum	97-1	11680	12014	11296	11664	3.08	cps
Molybdenum	98-1	29857	31937	31068	30954	3.37	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	1110	1057	1117	1095	3.01	cps
Phosphorus	31-2	133	92	125	117	18.90	cps
Potassium	39-2	100917	100137	100439	100498	0.39	cps
Rhodium	103-1	4694917	4700726	4707416	4701020	0.13	cps
Rhodium	103-2	2176816	2170462	2175902	2174393	0.16	cps
Scandium	45-1	3788509	3788331	3810630	3795823	0.34	cps
Scandium	45-2	161991	161897	161274	161721	0.24	cps
Selenium	77-2	20	23	20	21	9.11	cps
Selenium	78-2	115	122	122	120	3.57	cps
Selenium	82-1	715	742	710	722	2.39	cps
Silicon	28-1	339374	342709	340110	340731	0.51	cps
Silver	109-1	8886	8470	8436	8597	2.92	cps
Silver	107-1	8261	8303	8778	8447	3.40	cps
Sodium	23-2	208412	207230	205522	207055	0.70	cps
Strontium	86-1	2625	2509	2750	2628	4.60	cps
Strontium	88-1	21125	21801	21033	21319	1.97	cps
Sulfur	34-1	307385	311309	305328	308008	0.99	cps
Terbium	159-1	5677525	5747279	5667160	5697321	0.76	cps
Terbium	159-2	2754669	2743491	2823071	2773744	1.55	cps
Thallium	203-1	5110	5235	5060	5135	1.76	cps
Thallium	205-1	11764	12139	12089	11998	1.70	cps
Tin	118-1	26684	26183	26910	26593	1.40	cps
Titanium	47-1	5868	6102	6310	6093	3.63	cps
Uranium	238-1	15827	15669	16035	15844	1.16	cps
Vanadium	51-2	9887	10107	10287	10094	1.99	cps
Yttrium	89-1	5560959	5578837	5636888	5592228	0.71	cps
Yttrium	89-2	770233	771040	767371	769548	0.25	cps
Zinc	66-2	880	930	970	927	4.87	cps
Zirconium	90-1	14566	14299	14408	14424	0.93	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I5275-02	Instrumnet Name :	P7
Client Sample ID :	LOQ-SOIL-02-QT4-2017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:19:09	DataFile Name :	028SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3342	3267	3050	3220	4.70	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCV099	Instrumnet Name :	P7
Client Sample ID :	CCV099	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:23:05	DataFile Name :	029CCV_P7102817 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2027860	2054232	2072636	2051576	1.10	cps
Antimony	121-1	1899631	1924586	1931387	1918534	0.87	cps
Arsenic	75-2	77490	79732	79801	79007	1.66	cps
Barium	135-1	2016371	2013884	2047132	2025796	0.91	cps
Barium	137-1	3496400	3458223	3503244	3485956	0.70	cps
Beryllium	9-1	487621	486577	491791	488663	0.56	cps
Bismuth	209-1	2656933	2604036	2708847	2656606	1.97	cps
Bismuth	209-2	1837700	1893012	1908139	1879617	1.97	cps
Boron	10-1	62497	63953	64948	63799	1.93	cps
Boron	11-1	305998	309821	318500	311440	2.06	cps
Cadmium	111-1	426623	429231	434348	430067	0.91	cps
Cadmium	106-1	49136	49646	50750	49844	1.65	cps
Cadmium	108-1	32346	31681	32045	32024	1.04	cps
Calcium	43-1	3389910	3430111	3415989	3412004	0.60	cps
Calcium	44-1	53321691	54416730	53896082	53878168	1.02	cps
Chromium	52-2	640170	645742	651494	645802	0.88	cps
Cobalt	59-2	955753	962168	967611	961844	0.62	cps
Copper	63-2	1271444	1286619	1304735	1287600	1.29	cps
Dysprosium	156-1	33	50	25	36	35.25	cps
Dysprosium	156-2	27	13	33	24	41.66	cps
Erbium	164-1	33	8	17	19	65.47	cps
Erbium	164-2	3	20	10	11	75.52	cps
Gadolinium	160-1	42	50	42	44	10.82	cps
Gadolinium	160-2	57	43	53	51	13.58	cps
Holmium	165-1	5375329	5267115	5387985	5343476	1.24	cps
Holmium	165-2	2726548	2790580	2780284	2765804	1.24	cps
Indium	115-1	4503875	4479870	4416696	4466814	1.01	cps
Indium	115-2	868963	889552	903056	887190	1.94	cps
Iron	56-2	113877991	114162250	115044497	114361579	0.53	cps
Iron	57-2	2929952	2943864	2969581	2947799	0.68	cps
Lead	206-1	1041712	1042960	1048953	1044542	0.37	cps
Lead	207-1	936060	943895	950645	943533	0.77	cps
Lead	208-1	4176881	4198665	4185192	4186912	0.26	cps
Lithium	6-1	1521052	1511664	1521412	1518042	0.36	cps
Magnesium	24-2	25013303	24791221	25022384	24942303	0.52	cps
Manganese	55-2	686334	693540	696434	692103	0.75	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCV099	Instrumnet Name :	P7
Client Sample ID :	CCV099	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:23:05	DataFile Name :	029CCV_P7102817 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1882921	1879301	1888105	1883442	0.23	cps
Molybdenum	95-1	1026874	1024147	1027217	1026080	0.16	cps
Molybdenum	96-1	1300088	1304372	1310827	1305095	0.41	cps
Molybdenum	97-1	632941	636223	645170	638111	0.99	cps
Molybdenum	98-1	1610818	1605459	1625701	1613993	0.65	cps
Neodymium	150-1	80	113	67	87	27.74	cps
Neodymium	150-2	3	10	20	11	75.52	cps
Nickel	60-2	248798	251144	252501	250814	0.75	cps
Phosphorus	31-2	25456	25447	25347	25417	0.24	cps
Potassium	39-2	11025964	11216358	11127173	11123165	0.86	cps
Rhodium	103-1	4408924	4353867	4382745	4381846	0.63	cps
Rhodium	103-2	2075267	2109853	2118997	2101372	1.10	cps
Scandium	45-1	3805269	3810205	3769731	3795068	0.58	cps
Scandium	45-2	165223	168969	170752	168315	1.68	cps
Selenium	77-2	1437	1483	1570	1497	4.52	cps
Selenium	78-2	4712	4984	5127	4941	4.27	cps
Selenium	82-1	33367	33284	33265	33305	0.16	cps
Silicon	28-1	1825783	1841535	1864654	1843990	1.06	cps
Silver	109-1	1931363	1939080	1935164	1935202	0.20	cps
Silver	107-1	2035583	2039434	2055116	2043378	0.51	cps
Sodium	23-2	48179700	48784833	48732679	48565738	0.69	cps
Strontium	86-1	640353	635344	643678	639792	0.66	cps
Strontium	88-1	5517537	5495093	5491840	5501490	0.25	cps
Sulfur	34-1	537111	544052	545263	542142	0.81	cps
Terbium	159-1	5593132	5653983	5628176	5625097	0.54	cps
Terbium	159-2	2747929	2718617	2713813	2726786	0.68	cps
Thallium	203-1	1245026	1265360	1258302	1256229	0.82	cps
Thallium	205-1	2951154	2957576	2938704	2949145	0.33	cps
Tin	118-1	1401915	1410241	1421222	1411126	0.69	cps
Titanium	47-1	331968	338323	336955	335749	1.00	cps
Uranium	238-1	4386414	4359366	4431123	4392301	0.83	cps
Vanadium	51-2	550372	555388	560989	555583	0.96	cps
Yttrium	89-1	5541637	5552876	5481399	5525304	0.70	cps
Yttrium	89-2	787171	803039	803418	797876	1.16	cps
Zinc	66-2	184135	183952	186639	184909	0.81	cps
Zirconium	90-1	3645929	3656188	3614218	3638778	0.60	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCV099	Instrumnet Name :	P7
Client Sample ID :	CCV099	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:23:05	DataFile Name :	029CCV_P7102817 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	814281	814536	808865	812561	0.39	cps

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : LLCCV02 Instrumnet Name : P7
 Client Sample ID : LLCCV02 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 18:37:52 DataFile Name : 030LCSE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	900	833	867	867	3.85	cps
Antimony	121-1	8094	8011	7969	8025	0.79	cps
Arsenic	75-2	115	126	157	133	16.65	cps
Barium	135-1	7853	7627	7786	7755	1.49	cps
Barium	137-1	12907	13149	12898	12984	1.10	cps
Beryllium	9-1	989	1089	1083	1054	5.33	cps
Bismuth	209-1	2791014	2880067	2874129	2848403	1.75	cps
Bismuth	209-2	1891691	1875897	1858008	1875199	0.90	cps
Boron	10-1	3234	3150	3009	3131	3.63	cps
Boron	11-1	15367	15750	14875	15331	2.86	cps
Cadmium	111-1	1673	1619	1832	1708	6.50	cps
Cadmium	106-1	1408	1267	1517	1397	8.97	cps
Cadmium	108-1	67	79	54	67	18.75	cps
Calcium	43-1	6602	6260	6060	6307	4.35	cps
Calcium	44-1	120496	123278	122925	122233	1.24	cps
Chromium	52-2	3297	3334	2974	3202	6.19	cps
Cobalt	59-2	1900	1877	2040	1939	4.56	cps
Copper	63-2	3891	3884	3881	3885	0.13	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	33	17	25	33.32	cps
Erbium	164-2	17	17	3	12	63.01	cps
Gadolinium	160-1	17	42	67	42	60.00	cps
Gadolinium	160-2	30	13	27	23	37.81	cps
Holmium	165-1	5386954	5552694	5473049	5470899	1.52	cps
Holmium	165-2	2768125	2764222	2763402	2765250	0.09	cps
Indium	115-1	4705991	4777452	4837565	4773669	1.38	cps
Indium	115-2	874413	873761	872640	873605	0.10	cps
Iron	56-2	51094	51624	51162	51293	0.56	cps
Iron	57-2	1245	1328	1456	1343	7.92	cps
Lead	206-1	2222	2300	2284	2269	1.81	cps
Lead	207-1	2006	2061	2150	2072	3.52	cps
Lead	208-1	9079	9385	9307	9257	1.72	cps
Lithium	6-1	1549801	1579790	1579226	1569606	1.09	cps
Magnesium	24-2	47401	47962	47744	47702	0.59	cps
Manganese	55-2	673	683	693	683	1.46	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	LLCCV02	Instrumnet Name :	P7
Client Sample ID :	LLCCV02	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:37:52	DataFile Name :	030LCSE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7686	8261	8169	8039	3.84	cps
Molybdenum	95-1	8778	9378	9095	9084	3.31	cps
Molybdenum	96-1	9920	10613	10287	10274	3.37	cps
Molybdenum	97-1	5910	5985	5635	5843	3.16	cps
Molybdenum	98-1	14775	14858	14683	14772	0.59	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	540	537	550	542	1.28	cps
Phosphorus	31-2	100	58	67	75	29.39	cps
Potassium	39-2	60557	59127	60147	59944	1.23	cps
Rhodium	103-1	4672456	4809281	4789742	4757159	1.56	cps
Rhodium	103-2	2158692	2146559	2140067	2148440	0.44	cps
Scandium	45-1	3735262	3882423	3879850	3832511	2.20	cps
Scandium	45-2	163090	164247	161593	162977	0.82	cps
Selenium	77-2	20	10	7	12	56.76	cps
Selenium	78-2	76	72	76	75	2.87	cps
Selenium	82-1	397	365	337	366	8.23	cps
Silicon	28-1	294614	297342	293570	295175	0.66	cps
Silver	109-1	4034	3626	3901	3853	5.41	cps
Silver	107-1	4551	4251	4101	4301	5.33	cps
Sodium	23-2	114392	113780	115753	114642	0.88	cps
Strontium	86-1	1433	1458	1417	1436	1.46	cps
Strontium	88-1	9887	10221	10396	10168	2.54	cps
Sulfur	34-1	310855	313892	314183	312976	0.59	cps
Terbium	159-1	5598490	5855805	5840220	5764838	2.50	cps
Terbium	159-2	2778501	2754485	2760905	2764631	0.45	cps
Thallium	203-1	2292	2317	2275	2295	0.91	cps
Thallium	205-1	6010	5718	5618	5782	3.52	cps
Tin	118-1	13440	13140	13115	13232	1.37	cps
Titanium	47-1	3317	2750	3209	3092	9.73	cps
Uranium	238-1	7711	7603	8103	7805	3.37	cps
Vanadium	51-2	5171	4921	4948	5013	2.74	cps
Yttrium	89-1	5606531	5704910	5777351	5696264	1.51	cps
Yttrium	89-2	771243	766319	758248	765270	0.86	cps
Zinc	66-2	583	537	510	543	6.83	cps
Zirconium	90-1	7969	7911	7961	7947	0.40	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	LLCCV02	Instrumnet Name :	P7
Client Sample ID :	LLCCV02	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:37:52	DataFile Name :	030LCSE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1650	1850	1642	1714	6.88	cps

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : CCB099 Instrumnet Name : P7
 Client Sample ID : CCB099 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 18:41:19 DataFile Name : 031CCBE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	50	67	53	24.12	cps
Antimony	121-1	492	500	467	486	3.57	cps
Arsenic	75-2	4	4	7	5	43.39	cps
Barium	135-1	25	33	33	31	15.74	cps
Barium	137-1	50	92	25	56	60.62	cps
Beryllium	9-1	89	72	94	85	13.58	cps
Bismuth	209-1	2830003	2770508	2840538	2813683	1.34	cps
Bismuth	209-2	1854781	1881985	1902658	1879808	1.28	cps
Boron	10-1	517	458	508	494	6.38	cps
Boron	11-1	2175	2009	2000	2061	4.79	cps
Cadmium	111-1	1035	917	1043	998	7.05	cps
Cadmium	106-1	1467	1308	1483	1420	6.80	cps
Cadmium	108-1	0	4	0	1	173.21	cps
Calcium	43-1	250	158	150	186	29.81	cps
Calcium	44-1	22009	21416	21324	21583	1.72	cps
Chromium	52-2	740	750	687	726	4.69	cps
Cobalt	59-2	63	87	107	86	25.35	cps
Copper	63-2	1113	1220	1220	1185	5.20	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	25	8	14	69.31	cps
Erbium	164-2	3	3	13	7	86.65	cps
Gadolinium	160-1	17	42	17	25	57.73	cps
Gadolinium	160-2	17	43	30	30	44.43	cps
Holmium	165-1	5354751	5524967	5515099	5464939	1.75	cps
Holmium	165-2	2694818	2744865	2739157	2726280	1.00	cps
Indium	115-1	4728069	4683118	4828767	4746651	1.57	cps
Indium	115-2	863750	877814	885015	875526	1.24	cps
Iron	56-2	3551	3673	3934	3719	5.27	cps
Iron	57-2	133	217	156	169	25.61	cps
Lead	206-1	306	333	361	333	8.33	cps
Lead	207-1	272	317	283	291	7.96	cps
Lead	208-1	1411	1461	1433	1435	1.75	cps
Lithium	6-1	1583410	1563123	1582847	1576460	0.73	cps
Magnesium	24-2	342	433	325	367	15.91	cps
Manganese	55-2	33	40	47	40	16.68	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCB099	Instrumnet Name :	P7
Client Sample ID :	CCB099	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:41:19	DataFile Name :	031CCBE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	267	350	258	292	17.38	cps
Molybdenum	95-1	92	150	67	103	41.61	cps
Molybdenum	96-1	100	83	217	133	54.49	cps
Molybdenum	97-1	42	75	67	61	28.38	cps
Molybdenum	98-1	125	92	183	133	34.80	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	60	73	90	74	20.19	cps
Phosphorus	31-2	50	58	8	39	68.89	cps
Potassium	39-2	19180	18195	18371	18582	2.83	cps
Rhodium	103-1	4785771	4700184	4806873	4764276	1.19	cps
Rhodium	103-2	2120057	2152450	2179570	2150692	1.39	cps
Scandium	45-1	3791469	3700722	3847106	3779766	1.95	cps
Scandium	45-2	159243	160877	162170	160763	0.91	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	39	39	39	39	0.00	cps
Selenium	82-1	47	36	52	45	17.68	cps
Silicon	28-1	260150	255851	254979	256993	1.08	cps
Silver	109-1	33	50	33	39	24.75	cps
Silver	107-1	83	75	50	69	24.98	cps
Sodium	23-2	20440	21049	20431	20640	1.72	cps
Strontium	86-1	267	350	300	306	13.73	cps
Strontium	88-1	150	225	200	192	19.92	cps
Sulfur	34-1	317259	314428	312999	314895	0.69	cps
Terbium	159-1	5743506	5577138	5872952	5731199	2.59	cps
Terbium	159-2	2721408	2700857	2738889	2720385	0.70	cps
Thallium	203-1	67	83	92	81	15.80	cps
Thallium	205-1	175	183	167	175	4.76	cps
Tin	118-1	508	483	525	506	4.15	cps
Titanium	47-1	100	50	83	78	32.73	cps
Uranium	238-1	42	58	25	42	40.00	cps
Vanadium	51-2	3	0	10	4	114.60	cps
Yttrium	89-1	5671115	5522010	5657872	5616999	1.47	cps
Yttrium	89-2	757659	764206	766420	762762	0.60	cps
Zinc	66-2	123	123	120	122	1.58	cps
Zirconium	90-1	608	550	692	617	11.55	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCB099	Instrumnet Name :	P7
Client Sample ID :	CCB099	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:41:19	DataFile Name :	031CCBE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	208	108	117	144	38.41	cps

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : PB103815BL Instrumnet Name : P7
 Client Sample ID : PB103815BL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 18:48:13 DataFile Name : 033_SPK_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	33	75	39	86.61	cps
Antimony	121-1	283	267	367	306	17.53	cps
Arsenic	75-2	2	6	0	2	114.63	cps
Barium	135-1	25	0	33	19	89.21	cps
Barium	137-1	25	50	58	44	39.04	cps
Beryllium	9-1	67	111	72	83	29.06	cps
Bismuth	209-1	2870678	2840315	2890572	2867188	0.88	cps
Bismuth	209-2	1900801	1926947	1940528	1922759	1.05	cps
Boron	10-1	442	342	417	400	13.01	cps
Boron	11-1	1792	1892	1659	1781	6.57	cps
Cadmium	111-1	821	943	863	876	7.11	cps
Cadmium	106-1	1167	1342	1225	1245	7.16	cps
Cadmium	108-1	0	0	4	1	173.21	cps
Calcium	43-1	258	250	250	253	1.90	cps
Calcium	44-1	21959	20749	21875	21527	3.14	cps
Chromium	52-2	780	817	793	797	2.33	cps
Cobalt	59-2	77	70	67	71	7.16	cps
Copper	63-2	1067	1113	1223	1135	7.09	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	0	33	17	17	99.99	cps
Erbium	164-2	23	7	10	13	66.12	cps
Gadolinium	160-1	33	17	33	28	34.63	cps
Gadolinium	160-2	20	13	13	16	24.76	cps
Holmium	165-1	5386865	5415380	5502475	5434907	1.11	cps
Holmium	165-2	2774401	2760541	2735156	2756699	0.72	cps
Indium	115-1	4775426	4770126	4782714	4776089	0.13	cps
Indium	115-2	888008	882935	894086	888343	0.63	cps
Iron	56-2	3295	3467	3678	3480	5.52	cps
Iron	57-2	194	156	133	161	19.20	cps
Lead	206-1	317	322	378	339	9.97	cps
Lead	207-1	278	250	278	269	5.97	cps
Lead	208-1	1345	1339	1395	1359	2.25	cps
Lithium	6-1	1602235	1582334	1599329	1594633	0.67	cps
Magnesium	24-2	433	342	392	389	11.80	cps
Manganese	55-2	37	57	33	42	29.89	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103815BL	Instrumnet Name :	P7
Client Sample ID :	PB103815BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:48:13	DataFile Name :	033_SPK_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	258	192	258	236	16.30	cps
Molybdenum	95-1	75	50	92	72	29.04	cps
Molybdenum	96-1	100	133	50	94	44.41	cps
Molybdenum	97-1	42	67	25	44	47.19	cps
Molybdenum	98-1	75	150	117	114	33.00	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	70	110	87	89	22.60	cps
Phosphorus	31-2	42	67	100	69	42.14	cps
Potassium	39-2	18070	18421	18320	18270	0.99	cps
Rhodium	103-1	4755068	4778885	4731567	4755173	0.50	cps
Rhodium	103-2	2172492	2175987	2190919	2179799	0.45	cps
Scandium	45-1	3819496	3840172	3813152	3824274	0.37	cps
Scandium	45-2	163003	163642	163172	163272	0.20	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	33	35	33	34	3.16	cps
Selenium	82-1	3	8	88	33	144.78	cps
Silicon	28-1	258068	256547	262689	259101	1.23	cps
Silver	109-1	33	50	17	33	50.00	cps
Silver	107-1	117	50	83	83	40.00	cps
Sodium	23-2	19246	19497	19638	19460	1.02	cps
Strontium	86-1	392	325	333	350	10.38	cps
Strontium	88-1	192	158	108	153	27.45	cps
Sulfur	34-1	319237	317796	315358	317464	0.62	cps
Terbium	159-1	5822025	5785912	5760510	5789482	0.53	cps
Terbium	159-2	2785945	2819669	2750405	2785340	1.24	cps
Thallium	203-1	58	100	58	72	33.30	cps
Thallium	205-1	133	108	167	136	21.50	cps
Tin	118-1	458	392	392	414	9.30	cps
Titanium	47-1	42	92	42	58	49.48	cps
Uranium	238-1	25	17	17	19	24.73	cps
Vanadium	51-2	3	3	0	2	86.60	cps
Yttrium	89-1	5700171	5603264	5639346	5647594	0.87	cps
Yttrium	89-2	764427	776376	776350	772384	0.89	cps
Zinc	66-2	100	97	87	94	7.35	cps
Zirconium	90-1	683	575	525	594	13.62	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103815BL	Instrumnet Name :	P7
Client Sample ID :	PB103815BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:48:13	DataFile Name :	033_SPK_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	133	83	94	36.73	cps

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : I5275-05 Instrumnet Name : P7
 Client Sample ID : LOD-WATER-05-QT4-20 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 18:51:40 DataFile Name : 034_SPK_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	450	492	433	458	6.55	cps
Antimony	121-1	1850	1617	1609	1692	8.11	cps
Arsenic	75-2	61	69	57	62	9.07	cps
Barium	135-1	1625	1584	1508	1572	3.76	cps
Barium	137-1	2967	2984	3326	3092	6.54	cps
Beryllium	9-1	511	444	461	472	7.35	cps
Bismuth	209-1	2844260	2862044	2792676	2832993	1.27	cps
Bismuth	209-2	1889666	1931580	1946187	1922478	1.53	cps
Boron	10-1	550	658	575	594	9.54	cps
Boron	11-1	2825	2767	2709	2767	2.11	cps
Cadmium	111-1	1471	1245	1297	1337	8.84	cps
Cadmium	106-1	1517	1333	1300	1383	8.43	cps
Cadmium	108-1	29	38	13	26	48.24	cps
Calcium	43-1	817	783	783	795	2.42	cps
Calcium	44-1	30391	30566	30633	30530	0.41	cps
Chromium	52-2	1483	1377	1283	1381	7.25	cps
Cobalt	59-2	843	890	947	893	5.79	cps
Copper	63-2	2577	2504	2527	2536	1.48	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	33	8	17	86.62	cps
Erbium	164-2	7	13	7	9	43.25	cps
Gadolinium	160-1	42	33	8	28	62.46	cps
Gadolinium	160-2	30	43	10	28	60.40	cps
Holmium	165-1	5442360	5463138	5491265	5465588	0.45	cps
Holmium	165-2	2765842	2804254	2818249	2796115	0.97	cps
Indium	115-1	4755386	4727123	4705411	4729307	0.53	cps
Indium	115-2	876541	884818	892630	884663	0.91	cps
Iron	56-2	24866	24193	24015	24358	1.84	cps
Iron	57-2	689	656	683	676	2.64	cps
Lead	206-1	1206	1100	1122	1143	4.87	cps
Lead	207-1	1278	961	1106	1115	14.22	cps
Lead	208-1	5239	4606	4773	4873	6.74	cps
Lithium	6-1	1576029	1581273	1570115	1575806	0.35	cps
Magnesium	24-2	4559	4651	4309	4506	3.93	cps
Manganese	55-2	580	613	560	584	4.61	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I5275-05	Instrumnet Name :	P7
Client Sample ID :	LOD-WATER-05-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:51:40	DataFile Name :	034_SPK_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1717	1575	1475	1589	7.64	cps
Molybdenum	95-1	892	908	908	903	1.06	cps
Molybdenum	96-1	1183	1167	1200	1183	1.41	cps
Molybdenum	97-1	533	525	683	581	15.35	cps
Molybdenum	98-1	1367	1375	1167	1303	9.05	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	257	327	233	272	17.84	cps
Phosphorus	31-2	133	83	108	108	23.08	cps
Potassium	39-2	19313	19622	20073	19669	1.94	cps
Rhodium	103-1	4708450	4769959	4707020	4728476	0.76	cps
Rhodium	103-2	2160821	2181831	2177819	2173490	0.51	cps
Scandium	45-1	3744730	3800539	3833897	3793055	1.19	cps
Scandium	45-2	161870	161733	162055	161886	0.10	cps
Selenium	77-2	7	7	7	7	0.00	cps
Selenium	78-2	50	57	54	54	6.90	cps
Selenium	82-1	264	222	211	232	12.22	cps
Silicon	28-1	267851	267593	265559	267001	0.47	cps
Silver	109-1	1909	1675	1567	1717	10.17	cps
Silver	107-1	1725	1750	1959	1811	7.07	cps
Sodium	23-2	31225	31233	31150	31203	0.15	cps
Strontium	86-1	792	925	792	836	9.21	cps
Strontium	88-1	4409	4384	4376	4390	0.40	cps
Sulfur	34-1	311017	312316	312334	311889	0.24	cps
Terbium	159-1	5814482	5814950	5690016	5773149	1.25	cps
Terbium	159-2	2732380	2801480	2841044	2791635	1.97	cps
Thallium	203-1	1142	1092	1050	1095	4.19	cps
Thallium	205-1	2642	2717	2750	2703	2.05	cps
Tin	118-1	1775	1725	1558	1686	6.73	cps
Titanium	47-1	450	275	350	358	24.50	cps
Uranium	238-1	3401	3567	3617	3528	3.22	cps
Vanadium	51-2	380	453	460	431	10.30	cps
Yttrium	89-1	5593487	5571285	5608270	5591014	0.33	cps
Yttrium	89-2	767371	769742	770149	769087	0.20	cps
Zinc	66-2	267	227	313	269	16.13	cps
Zirconium	90-1	2809	2825	2967	2867	3.04	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I5275-05	Instrumnet Name :	P7
Client Sample ID :	LOD-WATER-05-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:51:40	DataFile Name :	034_SPK_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	617	658	683	653	5.16	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I5275-06	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-06-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:55:08	DataFile Name :	035_SPK_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1533	1558	1700	1597	5.63	cps
Antimony	121-1	14958	15526	14850	15111	2.40	cps
Arsenic	75-2	287	343	281	304	11.13	cps
Barium	135-1	15417	14750	14967	15045	2.26	cps
Barium	137-1	25775	25900	26451	26042	1.38	cps
Beryllium	9-1	1761	2145	1906	1937	10.00	cps
Bismuth	209-1	2795767	2832865	2800017	2809550	0.72	cps
Bismuth	209-2	1905222	1928580	1943195	1925666	0.99	cps
Boron	10-1	5626	6035	5693	5785	3.79	cps
Boron	11-1	28703	27826	28127	28219	1.58	cps
Cadmium	111-1	2699	2611	2484	2598	4.15	cps
Cadmium	106-1	1700	1609	1483	1597	6.81	cps
Cadmium	108-1	125	129	138	131	4.87	cps
Calcium	43-1	12731	12514	12673	12639	0.89	cps
Calcium	44-1	222973	222518	219988	221826	0.73	cps
Chromium	52-2	5751	5461	5791	5668	3.18	cps
Cobalt	59-2	3400	3821	3857	3693	6.87	cps
Copper	63-2	6575	6695	6442	6570	1.93	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	17	42	17	25	57.73	cps
Erbium	164-2	17	13	13	14	13.35	cps
Gadolinium	160-1	33	42	0	25	88.19	cps
Gadolinium	160-2	37	50	30	39	26.18	cps
Holmium	165-1	5293158	5414797	5425296	5377750	1.37	cps
Holmium	165-2	2776550	2757728	2823086	2785788	1.21	cps
Indium	115-1	4700130	4687538	4684331	4690666	0.18	cps
Indium	115-2	866648	886798	889361	880936	1.41	cps
Iron	56-2	99351	98115	98283	98583	0.68	cps
Iron	57-2	2800	2611	2645	2686	3.75	cps
Lead	206-1	4595	4740	4529	4621	2.34	cps
Lead	207-1	4062	4012	3906	3993	1.99	cps
Lead	208-1	18367	18066	18128	18187	0.87	cps
Lithium	6-1	1570668	1554271	1573211	1566050	0.66	cps
Magnesium	24-2	94246	95722	94087	94685	0.95	cps
Manganese	55-2	1537	1370	1367	1425	6.82	cps

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : I5275-06 Instrumnet Name : P7
 Client Sample ID : LOQ-WATER-06-QT4-20 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 18:55:08 DataFile Name : 035_SPK_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	16035	15934	15618	15862	1.37	cps
Molybdenum	95-1	18505	19581	18079	18721	4.13	cps
Molybdenum	96-1	20591	20248	21208	20682	2.35	cps
Molybdenum	97-1	11472	11363	11455	11430	0.51	cps
Molybdenum	98-1	30141	28905	30358	29801	2.63	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1063	1133	1103	1100	3.19	cps
Phosphorus	31-2	92	108	108	103	9.36	cps
Potassium	39-2	98752	100070	100540	99787	0.93	cps
Rhodium	103-1	4595511	4736321	4695306	4675712	1.55	cps
Rhodium	103-2	2136635	2170546	2178935	2162039	1.04	cps
Scandium	45-1	3754836	3756366	3699783	3736995	0.86	cps
Scandium	45-2	160335	162099	162143	161526	0.64	cps
Selenium	77-2	10	20	33	21	55.45	cps
Selenium	78-2	152	126	135	138	9.54	cps
Selenium	82-1	737	696	663	699	5.29	cps
Silicon	28-1	340752	339702	341397	340617	0.25	cps
Silver	109-1	7994	8286	7794	8025	3.08	cps
Silver	107-1	8695	8636	8378	8570	1.97	cps
Sodium	23-2	207178	207997	207153	207443	0.23	cps
Strontium	86-1	2742	2717	2592	2684	3.00	cps
Strontium	88-1	20148	20415	21050	20538	2.25	cps
Sulfur	34-1	304790	305328	306033	305384	0.20	cps
Terbium	159-1	5656513	5719081	5697899	5691164	0.56	cps
Terbium	159-2	2782919	2742555	2836402	2787292	1.69	cps
Thallium	203-1	5576	4618	5143	5112	9.39	cps
Thallium	205-1	12548	11948	11914	12137	2.94	cps
Tin	118-1	27544	27111	27461	27372	0.84	cps
Titanium	47-1	6110	6052	5918	6026	1.63	cps
Uranium	238-1	16720	15860	15935	16172	2.94	cps
Vanadium	51-2	9943	9817	9773	9845	0.90	cps
Yttrium	89-1	5482506	5472629	5540834	5498657	0.67	cps
Yttrium	89-2	755395	769426	766734	763852	0.97	cps
Zinc	66-2	907	887	897	897	1.12	cps
Zirconium	90-1	14441	13524	14500	14155	3.87	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I5275-06	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-06-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:55:08	DataFile Name :	035_SPK_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3317	3276	3201	3264	1.81	cps

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : PB103816BL Instrumnet Name : P7
 Client Sample ID : PB103816BL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 18:58:35 DataFile Name : 036CCBE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	17	25	17	50.01	cps
Antimony	121-1	258	183	217	219	17.13	cps
Arsenic	75-2	6	4	0	3	91.69	cps
Barium	135-1	8	25	25	19	49.50	cps
Barium	137-1	58	67	25	50	44.10	cps
Beryllium	9-1	139	78	67	94	41.17	cps
Bismuth	209-1	2834651	2785156	2783525	2801111	1.04	cps
Bismuth	209-2	1883520	1915239	1917858	1905539	1.00	cps
Boron	10-1	417	558	433	469	16.49	cps
Boron	11-1	2175	2184	1942	2100	6.53	cps
Cadmium	111-1	852	958	968	926	6.97	cps
Cadmium	106-1	1217	1375	1383	1325	7.09	cps
Cadmium	108-1	0	13	0	4	173.21	cps
Calcium	43-1	175	158	267	200	29.17	cps
Calcium	44-1	20665	20891	21032	20863	0.89	cps
Chromium	52-2	770	867	713	783	9.90	cps
Cobalt	59-2	50	73	43	56	28.36	cps
Copper	63-2	1227	1227	1177	1210	2.39	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	17	17	14	34.67	cps
Erbium	164-2	7	17	13	12	41.65	cps
Gadolinium	160-1	8	67	8	28	121.26	cps
Gadolinium	160-2	20	33	47	33	40.01	cps
Holmium	165-1	5441477	5362467	5403555	5402500	0.73	cps
Holmium	165-2	2765205	2804269	2807272	2792249	0.84	cps
Indium	115-1	4728109	4725956	4654543	4702869	0.89	cps
Indium	115-2	864283	880390	880648	875107	1.07	cps
Iron	56-2	3289	3334	3328	3317	0.73	cps
Iron	57-2	133	139	117	130	8.92	cps
Lead	206-1	406	283	294	328	20.62	cps
Lead	207-1	300	228	261	263	13.74	cps
Lead	208-1	1411	1161	1311	1295	9.72	cps
Lithium	6-1	1568749	1571084	1564138	1567990	0.23	cps
Magnesium	24-2	267	383	383	344	19.56	cps
Manganese	55-2	27	37	40	34	20.14	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103816BL	Instrumnet Name :	P7
Client Sample ID :	PB103816BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:58:35	DataFile Name :	036CCBE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	158	208	183	183	13.64	cps
Molybdenum	95-1	58	75	67	67	12.49	cps
Molybdenum	96-1	92	108	58	86	29.56	cps
Molybdenum	97-1	58	50	42	50	16.67	cps
Molybdenum	98-1	108	58	100	89	30.13	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	57	67	60	61	8.33	cps
Phosphorus	31-2	75	58	25	53	48.24	cps
Potassium	39-2	17903	18128	18237	18090	0.94	cps
Rhodium	103-1	4675972	4638830	4738994	4684599	1.08	cps
Rhodium	103-2	2137580	2171554	2183586	2164240	1.10	cps
Scandium	45-1	3789755	3797673	3753778	3780402	0.62	cps
Scandium	45-2	158835	162565	159883	160428	1.20	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	30	37	35	34	11.36	cps
Selenium	82-1	38	54	94	62	46.80	cps
Silicon	28-1	258609	281460	257110	265726	5.14	cps
Silver	109-1	67	25	33	42	52.92	cps
Silver	107-1	67	58	58	61	7.87	cps
Sodium	23-2	19029	18854	19080	18988	0.62	cps
Strontium	86-1	267	350	333	317	13.93	cps
Strontium	88-1	200	208	208	206	2.34	cps
Sulfur	34-1	316165	311002	306160	311109	1.61	cps
Terbium	159-1	5732513	5683845	5714382	5710247	0.43	cps
Terbium	159-2	2717680	2740141	2816379	2758067	1.88	cps
Thallium	203-1	67	25	83	58	51.51	cps
Thallium	205-1	167	75	100	114	41.61	cps
Tin	118-1	417	450	392	419	6.98	cps
Titanium	47-1	25	92	117	78	60.92	cps
Uranium	238-1	8	17	25	17	50.01	cps
Vanadium	51-2	3	0	0	1	173.21	cps
Yttrium	89-1	5473980	5593825	5496458	5521421	1.15	cps
Yttrium	89-2	754927	757621	763426	758658	0.57	cps
Zinc	66-2	97	100	90	96	5.33	cps
Zirconium	90-1	558	533	450	514	11.04	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103816BL	Instrumnet Name :	P7
Client Sample ID :	PB103816BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 18:58:35	DataFile Name :	036CCBE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	83	192	119	52.36	cps

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : I5275-05RE Instrumnet Name : P7
 Client Sample ID : LOD-WATER-05-QT4-20 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 19:02:03 DataFile Name : 037SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	425	325	375	375	13.33	cps
Antimony	121-1	1817	1367	1483	1556	15.01	cps
Arsenic	75-2	74	46	59	60	23.21	cps
Barium	135-1	1592	1492	1575	1553	3.45	cps
Barium	137-1	2859	2959	3176	2998	5.40	cps
Beryllium	9-1	433	417	506	452	10.46	cps
Bismuth	209-1	2783891	2789391	2879234	2817505	1.90	cps
Bismuth	209-2	1902015	1909286	1941498	1917599	1.10	cps
Boron	10-1	725	567	717	669	13.31	cps
Boron	11-1	3009	2784	2834	2875	4.11	cps
Cadmium	111-1	1339	1176	1322	1279	7.01	cps
Cadmium	106-1	1467	1308	1442	1406	6.06	cps
Cadmium	108-1	54	33	29	39	34.44	cps
Calcium	43-1	950	858	742	850	12.29	cps
Calcium	44-1	29656	29530	29622	29603	0.22	cps
Chromium	52-2	1210	1280	1410	1300	7.81	cps
Cobalt	59-2	810	850	887	849	4.52	cps
Copper	63-2	2497	2560	2630	2562	2.60	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	17	25	28	45.82	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	17	25	8	17	50.01	cps
Gadolinium	160-2	40	40	33	38	10.19	cps
Holmium	165-1	5305688	5330327	5562284	5399433	2.62	cps
Holmium	165-2	2771034	2784412	2802648	2786031	0.57	cps
Indium	115-1	4583059	4727614	4816252	4708975	2.50	cps
Indium	115-2	867071	875526	879609	874068	0.73	cps
Iron	56-2	23731	23697	24693	24040	2.35	cps
Iron	57-2	639	606	706	650	7.83	cps
Lead	206-1	1211	1356	1295	1287	5.63	cps
Lead	207-1	978	1006	1011	998	1.79	cps
Lead	208-1	4800	4884	5012	4899	2.17	cps
Lithium	6-1	1560628	1566128	1597812	1574856	1.27	cps
Magnesium	24-2	4601	4751	4943	4765	3.60	cps
Manganese	55-2	560	570	547	559	2.10	cps

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : I5275-05RE Instrumnet Name : P7
 Client Sample ID : LOD-WATER-05-QT4-20 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 19:02:03 DataFile Name : 037SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1750	1667	1375	1597	12.33	cps
Molybdenum	95-1	892	892	850	878	2.74	cps
Molybdenum	96-1	1225	892	1075	1064	15.69	cps
Molybdenum	97-1	425	542	500	489	12.09	cps
Molybdenum	98-1	1250	1258	1308	1272	2.48	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	260	250	240	250	4.00	cps
Phosphorus	31-2	108	117	83	103	16.88	cps
Potassium	39-2	19655	19889	19188	19578	1.82	cps
Rhodium	103-1	4670762	4677194	4712128	4686695	0.47	cps
Rhodium	103-2	2142024	2160827	2174623	2159158	0.76	cps
Scandium	45-1	3712643	3754247	3830948	3765946	1.59	cps
Scandium	45-2	157355	160114	159976	159149	0.98	cps
Selenium	77-2	13	7	7	9	43.25	cps
Selenium	78-2	46	70	39	52	31.74	cps
Selenium	82-1	182	191	190	188	2.48	cps
Silicon	28-1	259464	261581	259902	260316	0.43	cps
Silver	109-1	1850	1750	1775	1792	2.90	cps
Silver	107-1	1725	1784	1650	1720	3.89	cps
Sodium	23-2	27384	27142	27752	27426	1.12	cps
Strontium	86-1	733	833	783	783	6.38	cps
Strontium	88-1	4543	4984	4643	4723	4.91	cps
Sulfur	34-1	315335	321414	322196	319648	1.18	cps
Terbium	159-1	5650161	5692328	5865144	5735878	1.99	cps
Terbium	159-2	2763405	2809567	2807101	2793358	0.93	cps
Thallium	203-1	1067	1067	1217	1117	7.76	cps
Thallium	205-1	2809	2625	2850	2762	4.34	cps
Tin	118-1	1492	1634	1534	1553	4.69	cps
Titanium	47-1	267	358	342	322	15.15	cps
Uranium	238-1	3626	3392	3492	3503	3.34	cps
Vanadium	51-2	477	417	410	434	8.45	cps
Yttrium	89-1	5584196	5522242	5518582	5541674	0.67	cps
Yttrium	89-2	759778	760421	762493	760897	0.19	cps
Zinc	66-2	233	237	230	233	1.43	cps
Zirconium	90-1	2992	2842	2600	2812	7.03	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I5275-05RE	Instrumnet Name :	P7
Client Sample ID :	LOD-WATER-05-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 19:02:03	DataFile Name :	037SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	700	758	608	689	10.98	cps

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : I5275-06RE Instrumnet Name : P7
 Client Sample ID : LOQ-WATER-06-QT4-20 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 19:05:31 DataFile Name : 038SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1792	1558	1734	1695	7.17	cps
Antimony	121-1	14583	15059	14441	14694	2.20	cps
Arsenic	75-2	287	296	302	295	2.54	cps
Barium	135-1	15726	15960	15684	15790	0.94	cps
Barium	137-1	26710	27411	26084	26735	2.48	cps
Beryllium	9-1	2039	1917	1922	1959	3.52	cps
Bismuth	209-1	2876752	2857022	2900208	2877994	0.75	cps
Bismuth	209-2	1931091	1914823	1918155	1921356	0.45	cps
Boron	10-1	5743	5885	5951	5860	1.82	cps
Boron	11-1	28052	29513	29379	28981	2.79	cps
Cadmium	111-1	2777	2559	2800	2712	4.91	cps
Cadmium	106-1	1667	1575	1700	1647	3.93	cps
Cadmium	108-1	146	146	117	136	12.37	cps
Calcium	43-1	12406	12814	12498	12573	1.71	cps
Calcium	44-1	225089	223557	219303	222649	1.35	cps
Chromium	52-2	5751	5951	5614	5772	2.93	cps
Cobalt	59-2	3784	3771	3804	3786	0.44	cps
Copper	63-2	6425	6548	6435	6469	1.06	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	25	17	25	22	21.64	cps
Erbium	164-2	17	30	10	19	53.91	cps
Gadolinium	160-1	25	42	58	42	40.00	cps
Gadolinium	160-2	40	40	40	40	0.00	cps
Holmium	165-1	5533216	5475227	5441461	5483301	0.85	cps
Holmium	165-2	2798146	2744065	2765412	2769208	0.98	cps
Indium	115-1	4733578	4833540	4893739	4820285	1.68	cps
Indium	115-2	897158	873190	881527	883959	1.38	cps
Iron	56-2	97869	98831	98942	98548	0.60	cps
Iron	57-2	2423	2678	2645	2582	5.38	cps
Lead	206-1	4551	4479	4395	4475	1.74	cps
Lead	207-1	4001	4190	3851	4014	4.23	cps
Lead	208-1	18945	18411	17744	18367	3.28	cps
Lithium	6-1	1607559	1587536	1614463	1603186	0.87	cps
Magnesium	24-2	94732	93860	93776	94123	0.56	cps
Manganese	55-2	1380	1443	1400	1408	2.30	cps

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : I5275-06RE Instrumnet Name : P7
 Client Sample ID : LOQ-WATER-06-QT4-20 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 19:05:31 DataFile Name : 038SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	15926	16051	15217	15731	2.86	cps
Molybdenum	95-1	19389	19806	18346	19180	3.92	cps
Molybdenum	96-1	20115	20966	21634	20905	3.64	cps
Molybdenum	97-1	11614	12264	11405	11761	3.81	cps
Molybdenum	98-1	29189	30442	29890	29840	2.10	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1113	1040	1190	1115	6.73	cps
Phosphorus	31-2	50	83	67	67	25.00	cps
Potassium	39-2	100187	99985	99188	99787	0.53	cps
Rhodium	103-1	4696911	4772478	4860958	4776783	1.72	cps
Rhodium	103-2	2204391	2174409	2173984	2184261	0.80	cps
Scandium	45-1	3798798	3800486	3887171	3828818	1.32	cps
Scandium	45-2	163978	162622	161696	162765	0.71	cps
Selenium	77-2	23	17	13	18	28.64	cps
Selenium	78-2	122	144	137	135	8.41	cps
Selenium	82-1	720	688	711	706	2.35	cps
Silicon	28-1	338790	334961	336297	336682	0.58	cps
Silver	109-1	8403	7836	8236	8158	3.57	cps
Silver	107-1	8945	8536	8478	8653	2.94	cps
Sodium	23-2	206487	205919	205100	205835	0.34	cps
Strontium	86-1	2909	2825	2559	2764	6.62	cps
Strontium	88-1	20615	20190	20198	20335	1.20	cps
Sulfur	34-1	320928	324793	326710	324144	0.91	cps
Terbium	159-1	5799084	5851159	5852435	5834226	0.52	cps
Terbium	159-2	2780017	2814953	2808679	2801216	0.66	cps
Thallium	203-1	5301	4893	4818	5004	5.20	cps
Thallium	205-1	12974	12431	12748	12718	2.14	cps
Tin	118-1	28371	27352	27311	27678	2.17	cps
Titanium	47-1	6352	6168	5760	6093	4.97	cps
Uranium	238-1	15919	16019	15527	15821	1.64	cps
Vanadium	51-2	9710	9967	9887	9855	1.33	cps
Yttrium	89-1	5619680	5631451	5673440	5641524	0.50	cps
Yttrium	89-2	781950	770706	766824	773160	1.02	cps
Zinc	66-2	943	903	957	934	2.97	cps
Zirconium	90-1	13724	13799	13941	13821	0.80	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I5275-06RE	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-06-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 19:05:31	DataFile Name :	038SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3075	3109	3134	3106	0.94	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103817BLRE	Instrumnet Name :	P7
Client Sample ID :	PB103817BLRE	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 19:08:58	DataFile Name :	039CCBE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	25	42	31	31.50	cps
Antimony	121-1	142	142	242	175	32.99	cps
Arsenic	75-2	2	2	6	3	69.39	cps
Barium	135-1	33	50	50	44	21.66	cps
Barium	137-1	33	25	75	44	60.28	cps
Beryllium	9-1	83	128	100	104	21.65	cps
Bismuth	209-1	2850039	2852414	2835354	2845936	0.32	cps
Bismuth	209-2	1904418	1914594	1917672	1912228	0.36	cps
Boron	10-1	525	358	442	442	18.87	cps
Boron	11-1	2525	2150	1775	2150	17.44	cps
Cadmium	111-1	1104	904	968	992	10.27	cps
Cadmium	106-1	1583	1292	1392	1422	10.42	cps
Cadmium	108-1	13	0	8	7	91.66	cps
Calcium	43-1	142	225	250	206	27.60	cps
Calcium	44-1	21608	21408	21241	21419	0.86	cps
Chromium	52-2	843	707	770	773	8.84	cps
Cobalt	59-2	50	67	70	62	17.22	cps
Copper	63-2	1143	1103	1130	1126	1.81	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	25	17	25	33.32	cps
Erbium	164-2	3	13	0	6	124.93	cps
Gadolinium	160-1	25	50	8	28	75.51	cps
Gadolinium	160-2	17	33	33	28	34.63	cps
Holmium	165-1	5425133	5444675	5366492	5412100	0.75	cps
Holmium	165-2	2763472	2739825	2808810	2770702	1.27	cps
Indium	115-1	4717728	4763214	4716081	4732341	0.57	cps
Indium	115-2	868524	882627	889156	880102	1.20	cps
Iron	56-2	3195	3200	3178	3191	0.36	cps
Iron	57-2	117	139	122	126	9.18	cps
Lead	206-1	322	317	417	352	15.97	cps
Lead	207-1	328	267	294	296	10.33	cps
Lead	208-1	1295	1250	1467	1337	8.56	cps
Lithium	6-1	1586761	1585611	1565563	1579312	0.75	cps
Magnesium	24-2	508	483	525	506	4.15	cps
Manganese	55-2	43	43	30	39	19.79	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103817BLRE	Instrumnet Name :	P7
Client Sample ID :	PB103817BLRE	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 19:08:58	DataFile Name :	039CCBE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	175	208	183	189	9.18	cps
Molybdenum	95-1	42	58	50	50	16.67	cps
Molybdenum	96-1	108	100	108	106	4.56	cps
Molybdenum	97-1	50	75	42	56	31.22	cps
Molybdenum	98-1	75	75	92	81	11.95	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	73	80	57	70	17.17	cps
Phosphorus	31-2	33	67	67	56	34.65	cps
Potassium	39-2	19071	18270	17728	18356	3.68	cps
Rhodium	103-1	4750452	4788947	4734728	4758042	0.59	cps
Rhodium	103-2	2158168	2193978	2189212	2180453	0.89	cps
Scandium	45-1	3776538	3775458	3795320	3782439	0.30	cps
Scandium	45-2	163565	161084	161630	162093	0.80	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	39	46	41	42	9.19	cps
Selenium	82-1	4	36	8	16	107.38	cps
Silicon	28-1	268273	256353	257396	260674	2.53	cps
Silver	109-1	50	67	42	53	24.12	cps
Silver	107-1	25	42	108	58	75.59	cps
Sodium	23-2	19396	19338	18579	19104	2.39	cps
Strontium	86-1	267	375	292	311	18.23	cps
Strontium	88-1	150	192	158	167	13.23	cps
Sulfur	34-1	328531	327237	321554	325774	1.14	cps
Terbium	159-1	5734507	5805792	5872075	5804125	1.19	cps
Terbium	159-2	2790444	2758470	2813874	2787596	1.00	cps
Thallium	203-1	33	17	42	31	41.66	cps
Thallium	205-1	108	92	133	111	18.88	cps
Tin	118-1	442	375	408	408	8.16	cps
Titanium	47-1	25	75	83	61	51.63	cps
Uranium	238-1	8	17	8	11	43.34	cps
Vanadium	51-2	7	3	10	7	50.03	cps
Yttrium	89-1	5661072	5647058	5612571	5640234	0.44	cps
Yttrium	89-2	763317	767104	772816	767745	0.62	cps
Zinc	66-2	97	153	87	112	32.04	cps
Zirconium	90-1	483	567	442	497	12.80	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103817BLRE	Instrumnet Name :	P7
Client Sample ID :	PB103817BLRE	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 19:08:58	DataFile Name :	039CCBE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	83	117	111	22.91	cps

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : I5275-01RE Instrumnet Name : P7
 Client Sample ID : LOD-SOIL-01-QT4-2017I Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 19:12:25 DataFile Name : 040SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	267	250	375	297	22.84	cps
Antimony	121-1	1442	1759	1542	1581	10.24	cps
Arsenic	75-2	72	61	39	57	29.56	cps
Barium	135-1	2084	1709	1884	1892	9.92	cps
Barium	137-1	2917	2809	2959	2895	2.67	cps
Beryllium	9-1	467	461	394	441	9.12	cps
Bismuth	209-1	2896382	2916689	2856204	2889758	1.07	cps
Bismuth	209-2	1894098	1939657	1935908	1923221	1.32	cps
Boron	10-1	633	525	617	592	9.86	cps
Boron	11-1	2634	2925	2692	2750	5.61	cps
Cadmium	111-1	1311	1456	1344	1370	5.52	cps
Cadmium	106-1	1425	1517	1433	1458	3.48	cps
Cadmium	108-1	46	21	38	35	36.66	cps
Calcium	43-1	817	850	850	839	2.29	cps
Calcium	44-1	29747	30574	29380	29901	2.05	cps
Chromium	52-2	1357	1253	1383	1331	5.16	cps
Cobalt	59-2	963	863	850	892	6.94	cps
Copper	63-2	2394	2447	2354	2398	1.95	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	17	33	25	33.32	cps
Erbium	164-2	3	3	13	7	86.65	cps
Gadolinium	160-1	17	33	25	25	33.32	cps
Gadolinium	160-2	27	27	40	31	24.74	cps
Holmium	165-1	5476952	5506835	5499781	5494523	0.28	cps
Holmium	165-2	2741973	2828088	2769354	2779805	1.58	cps
Indium	115-1	4834722	4870469	4736261	4813817	1.44	cps
Indium	115-2	873961	890930	896959	887283	1.34	cps
Iron	56-2	24270	24632	24410	24437	0.75	cps
Iron	57-2	606	661	683	650	6.16	cps
Lead	206-1	1317	1128	1206	1217	7.80	cps
Lead	207-1	1106	1017	1122	1082	5.25	cps
Lead	208-1	5139	4901	4784	4941	3.67	cps
Lithium	6-1	1603719	1583920	1577471	1588370	0.86	cps
Magnesium	24-2	4584	4726	5026	4779	4.72	cps
Manganese	55-2	517	513	567	532	5.61	cps

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : I5275-01RE Instrumnet Name : P7
 Client Sample ID : LOD-SOIL-01-QT4-2017I Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 19:12:25 DataFile Name : 040SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1542	1617	1600	1586	2.48	cps
Molybdenum	95-1	875	1000	1108	995	11.74	cps
Molybdenum	96-1	1100	1008	1158	1089	6.94	cps
Molybdenum	97-1	458	600	567	542	13.67	cps
Molybdenum	98-1	1383	1217	1458	1353	9.15	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	243	307	273	274	11.54	cps
Phosphorus	31-2	117	83	75	92	24.05	cps
Potassium	39-2	20532	20331	19705	20189	2.13	cps
Rhodium	103-1	4812321	4818274	4797656	4809417	0.22	cps
Rhodium	103-2	2165616	2191096	2201393	2186035	0.84	cps
Scandium	45-1	3837710	3836593	3810645	3828316	0.40	cps
Scandium	45-2	160263	164105	163171	162513	1.23	cps
Selenium	77-2	3	13	10	9	57.30	cps
Selenium	78-2	56	59	61	59	4.82	cps
Selenium	82-1	192	141	214	182	20.65	cps
Silicon	28-1	260717	256360	258080	258386	0.85	cps
Silver	109-1	1717	1767	1800	1761	2.38	cps
Silver	107-1	1784	1867	1700	1784	4.67	cps
Sodium	23-2	26766	27117	25915	26599	2.32	cps
Strontium	86-1	925	983	683	864	18.41	cps
Strontium	88-1	4909	4709	4409	4676	5.38	cps
Sulfur	34-1	320342	322214	320566	321041	0.32	cps
Terbium	159-1	5791360	5799062	5723009	5771144	0.73	cps
Terbium	159-2	2787768	2827085	2796126	2803659	0.74	cps
Thallium	203-1	1125	1200	1150	1158	3.30	cps
Thallium	205-1	2600	2434	2575	2536	3.54	cps
Tin	118-1	1333	1483	2243	1687	28.92	cps
Titanium	47-1	375	317	333	342	8.79	cps
Uranium	238-1	3251	3484	3684	3473	6.25	cps
Vanadium	51-2	480	463	480	474	2.03	cps
Yttrium	89-1	5695880	5634801	5638521	5656400	0.61	cps
Yttrium	89-2	759336	770430	775895	768553	1.10	cps
Zinc	66-2	280	233	207	240	15.47	cps
Zirconium	90-1	3192	3075	2842	3037	5.87	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I5275-01RE	Instrumnet Name :	P7
Client Sample ID :	LOD-SOIL-01-QT4-2017I	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 19:12:25	DataFile Name :	040SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	558	650	733	647	13.53	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 19:22:42	DataFile Name :	043SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	758	892	767	806	9.27	cps
Antimony	121-1	7469	7452	7494	7472	0.28	cps
Arsenic	75-2	113	169	167	149	21.12	cps
Barium	135-1	7444	7611	7961	7672	3.44	cps
Barium	137-1	13749	13207	13215	13390	2.32	cps
Beryllium	9-1	995	1072	883	983	9.65	cps
Bismuth	209-1	2920535	2866866	2976058	2921153	1.87	cps
Bismuth	209-2	1885964	1911377	1919100	1905481	0.91	cps
Boron	10-1	3009	3109	2834	2984	4.67	cps
Boron	11-1	14049	15750	14699	14833	5.79	cps
Cadmium	111-1	2031	1689	1894	1871	9.20	cps
Cadmium	106-1	1667	1525	1492	1561	5.95	cps
Cadmium	108-1	75	71	54	67	16.53	cps
Calcium	43-1	6552	6818	6710	6693	2.00	cps
Calcium	44-1	122823	122748	121301	122291	0.70	cps
Chromium	52-2	3280	3134	3437	3284	4.62	cps
Cobalt	59-2	1873	1917	1920	1903	1.37	cps
Copper	63-2	4034	3981	3904	3973	1.65	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	8	17	14	34.67	cps
Erbium	164-2	20	10	20	17	34.64	cps
Gadolinium	160-1	83	50	17	50	66.67	cps
Gadolinium	160-2	40	33	27	33	20.00	cps
Holmium	165-1	5529439	5609516	5542947	5560634	0.77	cps
Holmium	165-2	2765525	2766877	2754475	2762292	0.25	cps
Indium	115-1	4833403	4778566	4831332	4814434	0.65	cps
Indium	115-2	871448	883432	885047	879975	0.84	cps
Iron	56-2	50816	49562	50927	50435	1.50	cps
Iron	57-2	1350	1378	1517	1415	6.31	cps
Lead	206-1	2406	2395	2267	2356	3.28	cps
Lead	207-1	2072	1961	1978	2004	2.99	cps
Lead	208-1	10030	9352	9318	9566	4.20	cps
Lithium	6-1	1613195	1608237	1605340	1608924	0.25	cps
Magnesium	24-2	46615	47886	47526	47342	1.38	cps
Manganese	55-2	747	777	783	769	2.54	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 19:22:42	DataFile Name :	043SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7911	7819	7611	7780	1.98	cps
Molybdenum	95-1	9787	9253	9037	9359	4.13	cps
Molybdenum	96-1	10246	10679	10529	10485	2.10	cps
Molybdenum	97-1	6335	6127	5810	6090	4.34	cps
Molybdenum	98-1	15384	15034	14958	15125	1.50	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	520	567	600	562	7.15	cps
Phosphorus	31-2	83	42	83	69	34.64	cps
Potassium	39-2	58499	57788	58332	58207	0.64	cps
Rhodium	103-1	4840141	4748722	4848850	4812571	1.15	cps
Rhodium	103-2	2168253	2195786	2197335	2187125	0.75	cps
Scandium	45-1	3925049	3911264	3920757	3919023	0.18	cps
Scandium	45-2	160901	161934	160789	161208	0.39	cps
Selenium	77-2	17	0	3	7	132.33	cps
Selenium	78-2	106	104	74	94	18.70	cps
Selenium	82-1	357	366	384	369	3.76	cps
Silicon	28-1	294836	295074	297087	295666	0.42	cps
Silver	109-1	4518	3892	3951	4120	8.38	cps
Silver	107-1	4084	4226	4484	4265	4.76	cps
Sodium	23-2	110261	110605	111823	110896	0.74	cps
Strontium	86-1	1483	1525	1225	1411	11.52	cps
Strontium	88-1	10938	10513	10438	10629	2.54	cps
Sulfur	34-1	325772	324268	327545	325862	0.50	cps
Terbium	159-1	5873728	5811086	5863704	5849506	0.58	cps
Terbium	159-2	2786660	2766395	2755983	2769679	0.56	cps
Thallium	203-1	2500	2634	2600	2578	2.69	cps
Thallium	205-1	6002	6052	5668	5907	3.53	cps
Tin	118-1	13549	13482	13607	13546	0.46	cps
Titanium	47-1	3284	2967	2892	3048	6.82	cps
Uranium	238-1	7761	7686	7928	7792	1.59	cps
Vanadium	51-2	4998	4788	4964	4916	2.30	cps
Yttrium	89-1	5705713	5685958	5774698	5722123	0.81	cps
Yttrium	89-2	765707	765094	778359	769720	0.97	cps
Zinc	66-2	580	563	503	549	7.35	cps
Zirconium	90-1	6860	7010	6535	6802	3.57	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 19:22:42	DataFile Name :	043SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1567	1633	1467	1556	5.39	cps

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : CCV001 Instrumnet Name : P7
 Client Sample ID : CCV001 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 19:26:10 DataFile Name : 044CCV_P7102817 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2017721	2039603	2040408	2032577	0.63	cps
Antimony	121-1	1906251	1915673	1904169	1908698	0.32	cps
Arsenic	75-2	77676	77968	78974	78206	0.87	cps
Barium	135-1	2015325	2011689	2005663	2010892	0.24	cps
Barium	137-1	3444346	3530242	3481056	3485215	1.24	cps
Beryllium	9-1	495370	494322	491367	493686	0.42	cps
Bismuth	209-1	2623954	2650761	2624267	2632994	0.58	cps
Bismuth	209-2	1843711	1874302	1887703	1868572	1.21	cps
Boron	10-1	64154	65944	66237	65445	1.72	cps
Boron	11-1	308815	313493	320182	314163	1.82	cps
Cadmium	111-1	426720	422979	428573	426091	0.67	cps
Cadmium	106-1	49655	49145	49671	49490	0.60	cps
Cadmium	108-1	31757	32391	31911	32020	1.03	cps
Calcium	43-1	3409510	3408438	3445806	3421251	0.62	cps
Calcium	44-1	53514082	53269385	54170928	53651465	0.87	cps
Chromium	52-2	641011	645977	652797	646595	0.92	cps
Cobalt	59-2	951549	970685	969281	963838	1.11	cps
Copper	63-2	1275869	1285910	1305981	1289253	1.19	cps
Dysprosium	156-1	33	83	33	50	57.75	cps
Dysprosium	156-2	20	37	23	27	33.08	cps
Erbium	164-1	33	8	42	28	62.46	cps
Erbium	164-2	20	3	13	12	68.66	cps
Gadolinium	160-1	75	58	33	56	37.75	cps
Gadolinium	160-2	90	33	63	62	45.57	cps
Holmium	165-1	5431477	5421046	5401326	5417949	0.28	cps
Holmium	165-2	2733941	2730328	2939123	2801131	4.27	cps
Indium	115-1	4538828	4523657	4509646	4524044	0.32	cps
Indium	115-2	876627	885544	887767	883313	0.67	cps
Iron	56-2	113214564	113530683	113417430	113387559	0.14	cps
Iron	57-2	2901904	2936451	2955098	2931151	0.92	cps
Lead	206-1	1060054	1044673	1049205	1051311	0.75	cps
Lead	207-1	949366	945335	942386	945696	0.37	cps
Lead	208-1	4227990	4197700	4222912	4216201	0.38	cps
Lithium	6-1	1529459	1535203	1548444	1537702	0.63	cps
Magnesium	24-2	24805688	25085114	25224717	25038506	0.85	cps
Manganese	55-2	680546	695622	699433	691867	1.44	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 19:26:10	DataFile Name :	044CCV_P7102817 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1851828	1880143	1871084	1867685	0.77	cps
Molybdenum	95-1	1009296	1012914	1018941	1013717	0.48	cps
Molybdenum	96-1	1288391	1300562	1314037	1300997	0.99	cps
Molybdenum	97-1	628866	629531	637442	631946	0.75	cps
Molybdenum	98-1	1606972	1596156	1600151	1601093	0.34	cps
Neodymium	150-1	140	87	67	98	38.77	cps
Neodymium	150-2	30	13	3	16	86.63	cps
Nickel	60-2	248189	250314	249591	249365	0.43	cps
Phosphorus	31-2	24746	25823	25022	25197	2.22	cps
Potassium	39-2	11078126	11091134	10993359	11054206	0.48	cps
Rhodium	103-1	4386834	4316459	4379164	4360819	0.89	cps
Rhodium	103-2	2088262	2114306	2103639	2102069	0.62	cps
Scandium	45-1	3729404	3764483	3729145	3741011	0.54	cps
Scandium	45-2	163758	167047	168271	166359	1.40	cps
Selenium	77-2	1380	1400	1533	1438	5.80	cps
Selenium	78-2	4660	4738	4962	4787	3.28	cps
Selenium	82-1	32834	33213	33155	33067	0.62	cps
Silicon	28-1	1843717	1854853	1868168	1855580	0.66	cps
Silver	109-1	1935604	1917187	1931100	1927964	0.50	cps
Silver	107-1	2017592	1991983	2041858	2017145	1.24	cps
Sodium	23-2	48166394	48493468	48403779	48354547	0.35	cps
Strontium	86-1	631428	636054	641506	636329	0.79	cps
Strontium	88-1	5477868	5445592	5543043	5488835	0.90	cps
Sulfur	34-1	539859	534227	537084	537057	0.52	cps
Terbium	159-1	5587821	5714122	5658947	5653630	1.12	cps
Terbium	159-2	2865474	2754154	2918366	2845998	2.95	cps
Thallium	203-1	1271084	1264670	1279197	1271650	0.57	cps
Thallium	205-1	2961041	3019737	2967565	2982781	1.08	cps
Tin	118-1	1417728	1397457	1407032	1407406	0.72	cps
Titanium	47-1	330828	329873	332071	330924	0.33	cps
Uranium	238-1	4418912	4406281	4389567	4404920	0.33	cps
Vanadium	51-2	545491	552121	559330	552314	1.25	cps
Yttrium	89-1	5479051	5563473	5561231	5534585	0.87	cps
Yttrium	89-2	781303	794882	794218	790134	0.97	cps
Zinc	66-2	180947	184361	185827	183712	1.36	cps
Zirconium	90-1	3587420	3616211	3617291	3606974	0.47	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 19:26:10	DataFile Name :	044CCV_P7102817 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	812081	810241	811240	811187	0.11	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	LLCCV03	Instrumnet Name :	P7
Client Sample ID :	LLCCV03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 19:48:57	DataFile Name :	047LCSE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	742	833	867	814	7.95	cps
Antimony	121-1	6802	7135	6952	6963	2.40	cps
Arsenic	75-2	156	141	133	143	7.90	cps
Barium	135-1	7477	7469	7536	7494	0.49	cps
Barium	137-1	12598	11839	12656	12364	3.69	cps
Beryllium	9-1	1039	883	1028	983	8.83	cps
Bismuth	209-1	2832836	2790761	2818536	2814044	0.76	cps
Bismuth	209-2	1799445	1869831	1896089	1855122	2.69	cps
Boron	10-1	3025	3300	3300	3209	4.95	cps
Boron	11-1	14249	15300	14916	14822	3.59	cps
Cadmium	111-1	1733	1674	1886	1764	6.20	cps
Cadmium	106-1	1458	1500	1533	1497	2.51	cps
Cadmium	108-1	54	79	83	72	21.84	cps
Calcium	43-1	5885	6168	6152	6068	2.62	cps
Calcium	44-1	118278	115282	117455	117005	1.32	cps
Chromium	52-2	3127	3114	3240	3160	2.20	cps
Cobalt	59-2	1757	1850	1893	1833	3.81	cps
Copper	63-2	3767	3714	3787	3756	1.01	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	8	25	19	49.50	cps
Erbium	164-2	17	17	17	17	0.00	cps
Gadolinium	160-1	25	25	17	22	21.64	cps
Gadolinium	160-2	37	47	37	40	14.43	cps
Holmium	165-1	5404581	5384408	5465632	5418207	0.78	cps
Holmium	165-2	2662396	2742770	2752574	2719247	1.82	cps
Indium	115-1	4701438	4740762	4617958	4686719	1.34	cps
Indium	115-2	839605	865701	874858	860055	2.13	cps
Iron	56-2	48230	48586	48921	48579	0.71	cps
Iron	57-2	1228	1495	1467	1396	10.50	cps
Lead	206-1	2172	2145	2139	2152	0.83	cps
Lead	207-1	2084	1906	1934	1974	4.84	cps
Lead	208-1	9374	8940	8835	9050	3.16	cps
Lithium	6-1	1577099	1563031	1574890	1571673	0.48	cps
Magnesium	24-2	46122	45696	45980	45933	0.47	cps
Manganese	55-2	660	760	687	702	7.37	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	LLCCV03	Instrumnet Name :	P7
Client Sample ID :	LLCCV03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 19:48:57	DataFile Name :	047LCSE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7477	8003	7394	7625	4.33	cps
Molybdenum	95-1	9345	8795	8736	8959	3.75	cps
Molybdenum	96-1	10096	9921	9896	9971	1.09	cps
Molybdenum	97-1	5543	5793	5951	5763	3.57	cps
Molybdenum	98-1	14458	13665	14641	14255	3.64	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	593	557	600	583	4.00	cps
Phosphorus	31-2	42	125	75	81	52.07	cps
Potassium	39-2	57738	58516	58156	58137	0.67	cps
Rhodium	103-1	4689322	4661959	4695283	4682188	0.38	cps
Rhodium	103-2	2084573	2151652	2149478	2128568	1.79	cps
Scandium	45-1	3815699	3752167	3786210	3784692	0.84	cps
Scandium	45-2	154658	158936	161068	158221	2.06	cps
Selenium	77-2	13	10	13	12	15.73	cps
Selenium	78-2	63	89	91	81	19.21	cps
Selenium	82-1	272	378	347	332	16.42	cps
Silicon	28-1	296064	294657	295005	295242	0.25	cps
Silver	109-1	3909	3642	4276	3942	8.07	cps
Silver	107-1	3792	4301	3967	4020	6.42	cps
Sodium	23-2	107567	109010	108575	108384	0.68	cps
Strontium	86-1	1483	1675	1217	1458	15.79	cps
Strontium	88-1	9796	10021	10071	9962	1.47	cps
Sulfur	34-1	313694	312157	316162	314004	0.64	cps
Terbium	159-1	5786725	5800971	5685966	5757887	1.09	cps
Terbium	159-2	2699449	2738677	2800198	2746108	1.85	cps
Thallium	203-1	2717	2400	2434	2517	6.91	cps
Thallium	205-1	5768	5860	5476	5701	3.51	cps
Tin	118-1	12481	13690	13190	13121	4.63	cps
Titanium	47-1	2800	3009	2584	2798	7.60	cps
Uranium	238-1	7636	7319	7528	7494	2.15	cps
Vanadium	51-2	4594	4774	4998	4789	4.22	cps
Yttrium	89-1	5587496	5564442	5588980	5580306	0.25	cps
Yttrium	89-2	734137	755062	762100	750433	1.94	cps
Zinc	66-2	420	443	477	447	6.38	cps
Zirconium	90-1	6635	6919	7169	6908	3.86	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	LLCCV03	Instrumnet Name :	P7
Client Sample ID :	LLCCV03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 19:48:57	DataFile Name :	047LCSE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1442	1400	1375	1406	2.40	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 19:52:26	DataFile Name :	048CCBE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	33	50	39	24.75	cps
Antimony	121-1	333	258	250	281	16.36	cps
Arsenic	75-2	2	4	6	4	50.09	cps
Barium	135-1	33	8	25	22	57.29	cps
Barium	137-1	33	25	25	28	17.31	cps
Beryllium	9-1	78	72	61	70	12.06	cps
Bismuth	209-1	2834483	2877939	2825405	2845942	0.99	cps
Bismuth	209-2	1869403	1908703	1958338	1912148	2.33	cps
Boron	10-1	517	367	383	422	19.47	cps
Boron	11-1	1959	2092	1800	1950	7.49	cps
Cadmium	111-1	974	1015	1026	1005	2.74	cps
Cadmium	106-1	1383	1442	1458	1428	2.76	cps
Cadmium	108-1	4	4	4	4	0.00	cps
Calcium	43-1	250	183	192	208	17.43	cps
Calcium	44-1	21007	20916	20715	20879	0.72	cps
Chromium	52-2	773	840	780	798	4.60	cps
Cobalt	59-2	57	57	73	62	15.46	cps
Copper	63-2	1163	1167	1130	1153	1.76	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	8	8	25	14	69.31	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	17	17	42	25	57.73	cps
Gadolinium	160-2	33	33	50	39	24.75	cps
Holmium	165-1	5496667	5447452	5469182	5471101	0.45	cps
Holmium	165-2	2740646	2809745	2835289	2795227	1.75	cps
Indium	115-1	4701170	4737439	4711618	4716742	0.40	cps
Indium	115-2	856905	883566	906809	882427	2.83	cps
Iron	56-2	3212	3623	3456	3430	6.03	cps
Iron	57-2	139	117	139	131	9.76	cps
Lead	206-1	278	272	256	269	4.31	cps
Lead	207-1	300	278	311	296	5.73	cps
Lead	208-1	1311	1211	1250	1257	4.01	cps
Lithium	6-1	1598722	1589671	1582318	1590237	0.52	cps
Magnesium	24-2	408	325	308	347	15.43	cps
Manganese	55-2	23	37	43	34	29.57	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 19:52:26	DataFile Name :	048CCBE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	258	192	208	219	15.81	cps
Molybdenum	95-1	67	58	75	67	12.49	cps
Molybdenum	96-1	125	67	175	122	44.36	cps
Molybdenum	97-1	17	33	33	28	34.63	cps
Molybdenum	98-1	100	58	100	86	27.93	cps
Neodymium	150-1	0	20	0	7	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	57	50	63	57	11.76	cps
Phosphorus	31-2	108	83	83	92	15.74	cps
Potassium	39-2	18329	18012	17770	18037	1.55	cps
Rhodium	103-1	4640697	4709012	4702402	4684037	0.80	cps
Rhodium	103-2	2128095	2170000	2216394	2171496	2.03	cps
Scandium	45-1	3841927	3827817	3802965	3824236	0.52	cps
Scandium	45-2	156932	161445	167489	161956	3.27	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	33	33	31	33	3.27	cps
Selenium	82-1	21	49	25	32	47.90	cps
Silicon	28-1	257537	256011	255224	256257	0.46	cps
Silver	109-1	42	17	50	36	48.03	cps
Silver	107-1	58	100	92	83	26.45	cps
Sodium	23-2	19138	19196	19597	19310	1.29	cps
Strontium	86-1	425	400	417	414	3.08	cps
Strontium	88-1	217	167	150	178	19.52	cps
Sulfur	34-1	317195	315968	316461	316541	0.20	cps
Terbium	159-1	5821196	5823365	5743043	5795868	0.79	cps
Terbium	159-2	2735334	2736786	2812564	2761561	1.60	cps
Thallium	203-1	92	33	42	56	56.79	cps
Thallium	205-1	183	108	108	133	32.47	cps
Tin	118-1	392	367	283	347	16.34	cps
Titanium	47-1	92	92	83	89	5.41	cps
Uranium	238-1	8	33	17	19	65.48	cps
Vanadium	51-2	3	3	3	3	0.00	cps
Yttrium	89-1	5570006	5672322	5600535	5614288	0.94	cps
Yttrium	89-2	754842	767028	783233	768368	1.85	cps
Zinc	66-2	103	150	130	128	18.32	cps
Zirconium	90-1	508	500	550	519	5.16	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 19:52:26	DataFile Name :	048CCBE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	92	100	103	12.38	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:24:48	DataFile Name :	049CCV_P7102817 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1975867	2003169	2024749	2001262	1.22	cps
Antimony	121-1	1792691	1816988	1844490	1818057	1.43	cps
Arsenic	75-2	75675	76747	78056	76826	1.55	cps
Barium	135-1	1918823	1924939	1940189	1927984	0.57	cps
Barium	137-1	3462817	3447459	3444849	3451708	0.28	cps
Beryllium	9-1	471734	475235	480081	475684	0.88	cps
Bismuth	209-1	2642523	2571958	2664047	2626176	1.83	cps
Bismuth	209-2	1777378	1812453	1851067	1813633	2.03	cps
Boron	10-1	61601	61568	62915	62028	1.24	cps
Boron	11-1	298825	303672	311128	304542	2.04	cps
Cadmium	111-1	402239	406842	411043	406708	1.08	cps
Cadmium	106-1	46101	46518	47915	46845	2.03	cps
Cadmium	108-1	30825	30767	30713	30768	0.18	cps
Calcium	43-1	3337313	3333496	3432290	3367700	1.66	cps
Calcium	44-1	52310572	53323445	53412239	53015419	1.15	cps
Chromium	52-2	624660	631215	632360	629412	0.66	cps
Cobalt	59-2	921903	935980	949167	935683	1.46	cps
Copper	63-2	1243425	1260886	1276026	1260112	1.29	cps
Dysprosium	156-1	33	108	25	56	82.62	cps
Dysprosium	156-2	20	37	17	24	43.83	cps
Erbium	164-1	33	17	17	22	43.28	cps
Erbium	164-2	23	10	13	16	44.60	cps
Gadolinium	160-1	17	42	42	33	43.30	cps
Gadolinium	160-2	40	77	50	56	34.12	cps
Holmium	165-1	5394592	5264879	5378674	5346048	1.32	cps
Holmium	165-2	2748189	2836996	2862545	2815910	2.13	cps
Indium	115-1	4481241	4422566	4414657	4439488	0.82	cps
Indium	115-2	853934	851667	877995	861199	1.69	cps
Iron	56-2	111002433	113002741	112616803	112207326	0.95	cps
Iron	57-2	2847456	2866039	2917974	2877157	1.27	cps
Lead	206-1	983992	986887	1002217	991032	0.99	cps
Lead	207-1	886170	897447	905252	896290	1.07	cps
Lead	208-1	3938447	3959784	4015755	3971328	1.01	cps
Lithium	6-1	1500679	1477242	1495536	1491153	0.83	cps
Magnesium	24-2	24394660	24508587	24801518	24568255	0.85	cps
Manganese	55-2	670067	676472	687875	678138	1.33	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:24:48	DataFile Name :	049CCV_P7102817 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1767411	1791655	1798457	1785841	0.91	cps
Molybdenum	95-1	962903	974439	977528	971623	0.79	cps
Molybdenum	96-1	1231668	1239369	1260838	1243958	1.22	cps
Molybdenum	97-1	601056	606808	613434	607099	1.02	cps
Molybdenum	98-1	1519512	1546252	1554667	1540144	1.19	cps
Neodymium	150-1	133	107	127	122	11.36	cps
Neodymium	150-2	20	13	30	21	39.75	cps
Nickel	60-2	241278	241897	245445	242874	0.93	cps
Phosphorus	31-2	23636	25105	25322	24688	3.72	cps
Potassium	39-2	10977076	10894172	10989018	10953422	0.47	cps
Rhodium	103-1	4316649	4324475	4274491	4305205	0.62	cps
Rhodium	103-2	2014802	2031377	2075905	2040695	1.55	cps
Scandium	45-1	3765946	3745280	3749286	3753504	0.29	cps
Scandium	45-2	163249	163615	163876	163580	0.19	cps
Selenium	77-2	1397	1467	1453	1439	2.58	cps
Selenium	78-2	4730	4875	4982	4863	2.60	cps
Selenium	82-1	31664	31823	32243	31910	0.94	cps
Silicon	28-1	1759839	1790843	1796659	1782447	1.11	cps
Silver	109-1	1821094	1829297	1851055	1833815	0.84	cps
Silver	107-1	1907382	1910440	1950245	1922689	1.24	cps
Sodium	23-2	47746328	47200285	48122347	47689653	0.97	cps
Strontium	86-1	598729	612518	619701	610316	1.75	cps
Strontium	88-1	5408859	5426708	5445390	5426985	0.34	cps
Sulfur	34-1	528068	525808	528714	527530	0.29	cps
Terbium	159-1	5654668	5667240	5690128	5670679	0.32	cps
Terbium	159-2	2779141	2826851	2713230	2773074	2.06	cps
Thallium	203-1	1187739	1194702	1217885	1200108	1.32	cps
Thallium	205-1	2959482	2948706	2951789	2953325	0.19	cps
Tin	118-1	1324988	1334467	1349184	1336213	0.91	cps
Titanium	47-1	313944	322983	327542	321490	2.15	cps
Uranium	238-1	4395122	4297279	4390908	4361103	1.27	cps
Vanadium	51-2	531662	538614	541968	537414	0.98	cps
Yttrium	89-1	5457968	5522137	5445544	5475217	0.75	cps
Yttrium	89-2	761507	765448	787476	771477	1.81	cps
Zinc	66-2	177148	180963	184624	180912	2.07	cps
Zirconium	90-1	3548417	3597725	3576679	3574274	0.69	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:24:48	DataFile Name :	049CCV_P7102817 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	763899	775368	776881	772050	0.92	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:28:16	DataFile Name :	050CCBE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	75	33	56	37.75	cps
Antimony	121-1	5901	4784	5218	5301	10.62	cps
Arsenic	75-2	17	17	22	19	17.30	cps
Barium	135-1	67	42	50	53	24.12	cps
Barium	137-1	92	100	92	94	5.10	cps
Beryllium	9-1	256	228	161	215	22.60	cps
Bismuth	209-1	2800942	2800732	2847358	2816344	0.95	cps
Bismuth	209-2	1901908	1927748	1939759	1923138	1.01	cps
Boron	10-1	2000	1667	1625	1764	11.65	cps
Boron	11-1	8744	7527	7661	7977	8.37	cps
Cadmium	111-1	1042	906	953	967	7.15	cps
Cadmium	106-1	1475	1292	1342	1370	6.92	cps
Cadmium	108-1	17	4	4	8	86.57	cps
Calcium	43-1	317	117	358	264	48.96	cps
Calcium	44-1	23528	22109	23077	22905	3.17	cps
Chromium	52-2	803	807	800	803	0.42	cps
Cobalt	59-2	87	57	80	74	21.16	cps
Copper	63-2	1500	1510	1447	1486	2.29	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	8	8	50	22	108.27	cps
Erbium	164-2	17	10	10	12	31.50	cps
Gadolinium	160-1	33	17	33	28	34.63	cps
Gadolinium	160-2	43	20	43	36	37.89	cps
Holmium	165-1	5386360	5478277	5497772	5454136	1.09	cps
Holmium	165-2	2775345	2813212	2774516	2787691	0.79	cps
Indium	115-1	4769455	4809226	4866478	4815053	1.01	cps
Indium	115-2	891151	897450	896675	895092	0.38	cps
Iron	56-2	5846	5390	5885	5707	4.82	cps
Iron	57-2	233	206	228	222	6.62	cps
Lead	206-1	456	494	433	461	6.71	cps
Lead	207-1	383	294	394	357	15.33	cps
Lead	208-1	1789	1717	1739	1748	2.12	cps
Lithium	6-1	1563566	1563453	1583339	1570119	0.73	cps
Magnesium	24-2	692	683	558	644	11.59	cps
Manganese	55-2	70	60	80	70	14.29	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:28:16	DataFile Name :	050CCBE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	983	1050	1142	1058	7.51	cps
Molybdenum	95-1	700	692	483	625	19.64	cps
Molybdenum	96-1	950	1000	783	911	12.45	cps
Molybdenum	97-1	475	358	417	417	14.00	cps
Molybdenum	98-1	1133	1100	1000	1078	6.44	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	67	57	57	60	9.62	cps
Phosphorus	31-2	83	50	100	78	32.73	cps
Potassium	39-2	19839	19547	20190	19858	1.62	cps
Rhodium	103-1	4711300	4775412	4786512	4757742	0.85	cps
Rhodium	103-2	2189467	2203564	2203946	2198992	0.38	cps
Scandium	45-1	3799265	3871799	3855988	3842350	0.99	cps
Scandium	45-2	164040	166539	167902	166160	1.18	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	41	37	37	38	5.58	cps
Selenium	82-1	53	72	91	72	26.62	cps
Silicon	28-1	271238	266128	266043	267803	1.11	cps
Silver	109-1	50	75	125	83	45.83	cps
Silver	107-1	92	125	67	94	30.99	cps
Sodium	23-2	22284	22618	22751	22551	1.07	cps
Strontium	86-1	233	358	383	325	24.73	cps
Strontium	88-1	175	292	200	222	27.64	cps
Sulfur	34-1	307945	305386	308498	307276	0.54	cps
Terbium	159-1	5657177	5744999	5885949	5762708	2.00	cps
Terbium	159-2	2757105	2779790	2800442	2779112	0.78	cps
Thallium	203-1	542	575	558	558	2.99	cps
Thallium	205-1	1867	1383	1367	1539	18.45	cps
Tin	118-1	1483	1550	1233	1422	11.74	cps
Titanium	47-1	58	58	83	67	21.65	cps
Uranium	238-1	208	142	150	167	21.79	cps
Vanadium	51-2	7	13	23	14	58.06	cps
Yttrium	89-1	5701173	5668889	5742082	5704048	0.64	cps
Yttrium	89-2	778292	786211	797279	787261	1.21	cps
Zinc	66-2	110	130	137	126	11.05	cps
Zirconium	90-1	1909	1900	1575	1795	10.59	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:28:16	DataFile Name :	050CCBE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	433	325	458	406	17.48	cps

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : PB103770BL Instrumnet Name : P7
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 20:31:41 DataFile Name : 051CCBE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	58	50	44	39.04	cps
Antimony	121-1	1492	1517	1759	1589	9.27	cps
Arsenic	75-2	9	4	9	7	43.34	cps
Barium	135-1	17	33	42	31	41.66	cps
Barium	137-1	67	25	33	42	52.92	cps
Beryllium	9-1	150	128	111	130	15.05	cps
Bismuth	209-1	2854637	2777169	2748889	2793565	1.96	cps
Bismuth	209-2	1898440	1987969	1948133	1944847	2.31	cps
Boron	10-1	733	642	750	708	8.24	cps
Boron	11-1	3934	3692	3642	3756	4.15	cps
Cadmium	111-1	1009	1039	1016	1021	1.55	cps
Cadmium	106-1	1433	1467	1450	1450	1.15	cps
Cadmium	108-1	4	0	4	3	86.60	cps
Calcium	43-1	217	200	250	222	11.46	cps
Calcium	44-1	21466	21658	21425	21516	0.58	cps
Chromium	52-2	747	833	783	788	5.52	cps
Cobalt	59-2	57	73	63	64	13.01	cps
Copper	63-2	1243	1310	1340	1298	3.81	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	8	25	19	49.50	cps
Erbium	164-2	17	7	0	8	107.84	cps
Gadolinium	160-1	33	8	8	17	86.62	cps
Gadolinium	160-2	57	30	13	33	65.58	cps
Holmium	165-1	5482701	5521201	5380384	5461429	1.33	cps
Holmium	165-2	2790124	2863783	2834988	2829632	1.31	cps
Indium	115-1	4822184	4807243	4719678	4783035	1.16	cps
Indium	115-2	890709	934577	908315	911200	2.42	cps
Iron	56-2	3739	3584	3628	3651	2.20	cps
Iron	57-2	189	228	178	198	13.25	cps
Lead	206-1	322	422	328	357	15.73	cps
Lead	207-1	306	294	300	300	1.85	cps
Lead	208-1	1278	1617	1411	1435	11.90	cps
Lithium	6-1	1565125	1567614	1531762	1554834	1.29	cps
Magnesium	24-2	408	367	367	381	6.32	cps
Manganese	55-2	50	53	37	47	18.89	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103770BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:31:41	DataFile Name :	051CCBE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	442	433	408	428	4.06	cps
Molybdenum	95-1	275	250	233	253	8.30	cps
Molybdenum	96-1	283	233	250	256	9.96	cps
Molybdenum	97-1	125	150	125	133	10.82	cps
Molybdenum	98-1	367	375	375	372	1.29	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	77	83	47	69	28.35	cps
Phosphorus	31-2	83	75	83	81	5.98	cps
Potassium	39-2	19347	19705	18829	19294	2.28	cps
Rhodium	103-1	4844663	4786112	4694996	4775257	1.58	cps
Rhodium	103-2	2208614	2271511	2226186	2235437	1.45	cps
Scandium	45-1	3817290	3876805	3777469	3823855	1.31	cps
Scandium	45-2	164625	171320	167111	167685	2.02	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	31	35	43	36	15.53	cps
Selenium	82-1	40	24	43	36	28.38	cps
Silicon	28-1	269325	263083	259861	264090	1.82	cps
Silver	109-1	67	42	75	61	28.38	cps
Silver	107-1	67	92	67	75	19.24	cps
Sodium	23-2	20114	21241	20615	20657	2.73	cps
Strontium	86-1	375	375	383	378	1.27	cps
Strontium	88-1	150	217	192	186	18.10	cps
Sulfur	34-1	313730	310184	308515	310810	0.86	cps
Terbium	159-1	5808237	5865878	5620501	5764872	2.23	cps
Terbium	159-2	2790869	2871370	2793794	2818678	1.62	cps
Thallium	203-1	183	175	200	186	6.84	cps
Thallium	205-1	525	508	575	536	6.47	cps
Tin	118-1	667	617	633	639	3.99	cps
Titanium	47-1	75	92	83	83	10.00	cps
Uranium	238-1	17	92	42	50	76.37	cps
Vanadium	51-2	3	13	10	9	57.30	cps
Yttrium	89-1	5715723	5676065	5537573	5643120	1.66	cps
Yttrium	89-2	783841	804385	788986	792404	1.35	cps
Zinc	66-2	77	77	77	77	0.00	cps
Zirconium	90-1	1292	1142	1025	1153	11.60	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103770BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:31:41	DataFile Name :	051CCBE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	292	275	317	294	7.12	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103770BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:35:05	DataFile Name :	052LCSE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1658	1800	1750	1736	4.14	cps
Antimony	121-1	15568	16619	15835	16007	3.41	cps
Arsenic	75-2	319	276	274	290	8.69	cps
Barium	135-1	15951	16318	15368	15879	3.02	cps
Barium	137-1	27946	28071	27194	27737	1.71	cps
Beryllium	9-1	1934	2284	1911	2043	10.22	cps
Bismuth	209-1	2837024	2849924	2843555	2843501	0.23	cps
Bismuth	209-2	1908655	1923400	1942785	1924947	0.89	cps
Boron	10-1	6310	6118	6368	6265	2.09	cps
Boron	11-1	28845	30874	30440	30053	3.55	cps
Cadmium	111-1	2768	2674	2572	2671	3.67	cps
Cadmium	106-1	1725	1684	1333	1581	13.61	cps
Cadmium	108-1	146	138	100	128	19.11	cps
Calcium	43-1	12981	13565	12564	13037	3.86	cps
Calcium	44-1	225986	226729	229470	227395	0.81	cps
Chromium	52-2	6061	6011	6141	6071	1.08	cps
Cobalt	59-2	3791	3777	4107	3892	4.80	cps
Copper	63-2	6662	6975	6828	6822	2.30	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	58	8	17	28	96.44	cps
Erbium	164-2	23	27	23	24	7.89	cps
Gadolinium	160-1	8	42	58	36	70.51	cps
Gadolinium	160-2	33	13	37	28	45.44	cps
Holmium	165-1	5394302	5411214	5448904	5418140	0.52	cps
Holmium	165-2	2807386	2773593	2788362	2789780	0.61	cps
Indium	115-1	4794505	4881306	4731157	4802323	1.57	cps
Indium	115-2	891669	901676	909186	900844	0.98	cps
Iron	56-2	417129	419446	417202	417926	0.32	cps
Iron	57-2	10537	10593	10143	10424	2.36	cps
Lead	206-1	4784	4440	4451	4558	4.30	cps
Lead	207-1	4123	4079	4084	4095	0.59	cps
Lead	208-1	18650	18255	18222	18376	1.30	cps
Lithium	6-1	1570359	1567394	1569294	1569016	0.10	cps
Magnesium	24-2	97431	97466	97013	97303	0.26	cps
Manganese	55-2	1517	1420	1423	1453	3.78	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103770BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:35:05	DataFile Name :	052LCSE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	17086	16218	16861	16721	2.69	cps
Molybdenum	95-1	19672	18872	19498	19347	2.18	cps
Molybdenum	96-1	21592	21225	21275	21364	0.93	cps
Molybdenum	97-1	12239	11822	12539	12200	2.95	cps
Molybdenum	98-1	30993	30884	30041	30639	1.70	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1187	1177	1053	1139	6.52	cps
Phosphorus	31-2	92	83	67	81	15.80	cps
Potassium	39-2	103711	103031	104735	103826	0.83	cps
Rhodium	103-1	4748392	4797921	4813427	4786580	0.71	cps
Rhodium	103-2	2176602	2199086	2228663	2201451	1.19	cps
Scandium	45-1	3847075	3881275	3896587	3874979	0.65	cps
Scandium	45-2	164057	166457	168979	166498	1.48	cps
Selenium	77-2	23	27	20	23	14.29	cps
Selenium	78-2	152	111	161	141	18.82	cps
Selenium	82-1	718	651	729	699	6.08	cps
Silicon	28-1	349531	345005	342011	345516	1.10	cps
Silver	109-1	8753	8445	7953	8383	4.82	cps
Silver	107-1	8987	8486	9028	8834	3.41	cps
Sodium	23-2	211700	212814	212223	212246	0.26	cps
Strontium	86-1	2684	2859	2892	2812	3.98	cps
Strontium	88-1	21742	21701	21859	21767	0.38	cps
Sulfur	34-1	313528	313099	315169	313932	0.35	cps
Terbium	159-1	5889117	5872846	5749847	5837270	1.30	cps
Terbium	159-2	2766717	2789893	2847345	2801319	1.48	cps
Thallium	203-1	4818	5410	5418	5215	6.60	cps
Thallium	205-1	12048	12014	12540	12200	2.41	cps
Tin	118-1	28521	27787	27920	28076	1.39	cps
Titanium	47-1	6368	6035	6560	6321	4.20	cps
Uranium	238-1	16962	15835	16136	16311	3.58	cps
Vanadium	51-2	10407	10407	10317	10377	0.50	cps
Yttrium	89-1	5720457	5701815	5778552	5733608	0.70	cps
Yttrium	89-2	782874	789112	793233	788406	0.66	cps
Zinc	66-2	940	840	947	909	6.57	cps
Zirconium	90-1	17353	16418	16185	16652	3.71	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103770BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:35:05	DataFile Name :	052LCSE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3526	3351	3317	3398	3.29	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103723BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:38:31	DataFile Name :	053CCBE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	42	25	28	45.82	cps
Antimony	121-1	533	567	483	528	7.95	cps
Arsenic	75-2	4	6	4	4	24.86	cps
Barium	135-1	17	67	33	39	65.47	cps
Barium	137-1	42	8	42	31	62.99	cps
Beryllium	9-1	50	100	67	72	35.25	cps
Bismuth	209-1	2778406	2816624	2869165	2821398	1.62	cps
Bismuth	209-2	1897710	1923267	1935235	1918738	1.00	cps
Boron	10-1	442	517	450	469	8.76	cps
Boron	11-1	2492	2242	2034	2256	10.18	cps
Cadmium	111-1	863	1006	928	932	7.68	cps
Cadmium	106-1	1225	1433	1325	1328	7.85	cps
Cadmium	108-1	4	8	0	4	99.96	cps
Calcium	43-1	167	142	200	169	17.27	cps
Calcium	44-1	20390	19889	20373	20217	1.41	cps
Chromium	52-2	750	800	790	780	3.39	cps
Cobalt	59-2	60	53	53	56	6.93	cps
Copper	63-2	1110	1177	1110	1132	3.40	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	58	0	0	19	173.21	cps
Erbium	164-2	10	30	10	17	69.28	cps
Gadolinium	160-1	58	25	17	33	66.14	cps
Gadolinium	160-2	30	33	23	29	17.63	cps
Holmium	165-1	5299797	5375813	5448752	5374787	1.39	cps
Holmium	165-2	2777766	2754894	2832845	2788502	1.44	cps
Indium	115-1	4749880	4801088	4772867	4774611	0.54	cps
Indium	115-2	881977	886566	887298	885280	0.33	cps
Iron	56-2	3145	3067	3139	3117	1.39	cps
Iron	57-2	183	156	156	165	9.73	cps
Lead	206-1	339	311	333	328	4.48	cps
Lead	207-1	289	278	328	298	8.81	cps
Lead	208-1	1261	1317	1333	1304	2.90	cps
Lithium	6-1	1557456	1539653	1544073	1547060	0.60	cps
Magnesium	24-2	333	375	375	361	6.66	cps
Manganese	55-2	33	73	27	44	56.79	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103723BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:38:31	DataFile Name :	053CCBE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	267	308	267	281	8.57	cps
Molybdenum	95-1	75	67	17	53	59.77	cps
Molybdenum	96-1	125	83	117	108	20.35	cps
Molybdenum	97-1	108	83	42	78	43.30	cps
Molybdenum	98-1	92	133	100	108	20.35	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	47	57	83	62	30.46	cps
Phosphorus	31-2	58	50	100	69	38.58	cps
Potassium	39-2	17728	18537	17686	17984	2.67	cps
Rhodium	103-1	4715357	4720487	4736866	4724237	0.24	cps
Rhodium	103-2	2167209	2185816	2195935	2182987	0.67	cps
Scandium	45-1	3787666	3827619	3781421	3798902	0.66	cps
Scandium	45-2	161316	163188	162238	162247	0.58	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	48	37	31	39	21.82	cps
Selenium	82-1	98	48	-59	29	278.19	cps
Silicon	28-1	259323	257853	262345	259841	0.88	cps
Silver	109-1	58	67	50	58	14.29	cps
Silver	107-1	42	58	67	56	22.91	cps
Sodium	23-2	19447	18963	18821	19077	1.72	cps
Strontium	86-1	217	383	342	314	27.63	cps
Strontium	88-1	175	175	142	164	11.74	cps
Sulfur	34-1	305122	302438	297397	301652	1.30	cps
Terbium	159-1	5689814	5787512	5703145	5726824	0.93	cps
Terbium	159-2	2785202	2743281	2835683	2788055	1.66	cps
Thallium	203-1	100	125	58	94	35.66	cps
Thallium	205-1	158	192	158	169	11.36	cps
Tin	118-1	433	525	408	456	13.48	cps
Titanium	47-1	92	67	108	89	23.59	cps
Uranium	238-1	33	17	17	22	43.28	cps
Vanadium	51-2	0	0	3	1	173.21	cps
Yttrium	89-1	5626562	5566673	5619459	5604231	0.58	cps
Yttrium	89-2	770688	773553	780157	774799	0.63	cps
Zinc	66-2	80	100	73	84	16.44	cps
Zirconium	90-1	592	575	483	550	10.61	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103723BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:38:31	DataFile Name :	053CCBE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	150	117	117	28.57	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103723BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:41:58	DataFile Name :	054LCSE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1650	1592	1458	1567	6.27	cps
Antimony	121-1	15200	15376	15142	15239	0.80	cps
Arsenic	75-2	281	313	298	298	5.29	cps
Barium	135-1	15634	15384	15084	15367	1.79	cps
Barium	137-1	28121	27511	27620	27751	1.17	cps
Beryllium	9-1	1972	2089	1995	2019	3.07	cps
Bismuth	209-1	2779760	2787779	2791944	2786495	0.22	cps
Bismuth	209-2	1916126	1917793	1941523	1925147	0.74	cps
Boron	10-1	5985	5976	5943	5968	0.37	cps
Boron	11-1	28444	29187	29947	29193	2.57	cps
Cadmium	111-1	2523	2592	2741	2619	4.25	cps
Cadmium	106-1	1383	1542	1675	1533	9.52	cps
Cadmium	108-1	113	113	158	128	20.71	cps
Calcium	43-1	13448	13398	12781	13209	2.81	cps
Calcium	44-1	229463	225293	226755	227170	0.93	cps
Chromium	52-2	5751	5891	5855	5832	1.25	cps
Cobalt	59-2	3887	3777	3957	3874	2.34	cps
Copper	63-2	6755	6815	6562	6711	1.97	cps
Dysprosium	156-1	25	0	8	11	114.58	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	8	17	17	14	34.67	cps
Erbium	164-2	20	17	13	17	20.01	cps
Gadolinium	160-1	33	25	17	25	33.32	cps
Gadolinium	160-2	40	50	43	44	11.46	cps
Holmium	165-1	5334472	5510586	5438783	5427947	1.63	cps
Holmium	165-2	2742548	2785759	2781462	2769923	0.86	cps
Indium	115-1	4687934	4807629	4722840	4739467	1.30	cps
Indium	115-2	886691	896907	897085	893561	0.67	cps
Iron	56-2	409715	414567	413021	412434	0.60	cps
Iron	57-2	10543	10215	10471	10409	1.66	cps
Lead	206-1	4584	4484	4384	4484	2.23	cps
Lead	207-1	3923	3978	3640	3847	4.73	cps
Lead	208-1	18167	17661	18056	17961	1.48	cps
Lithium	6-1	1558975	1537780	1549529	1548762	0.69	cps
Magnesium	24-2	97768	97223	97324	97438	0.30	cps
Manganese	55-2	1307	1493	1457	1419	6.97	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103723BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:41:58	DataFile Name :	054LCSE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	16143	16844	16243	16410	2.31	cps
Molybdenum	95-1	19664	19038	19205	19303	1.68	cps
Molybdenum	96-1	21609	21266	20908	21261	1.65	cps
Molybdenum	97-1	12714	11830	12189	12245	3.63	cps
Molybdenum	98-1	31009	29749	30659	30472	2.14	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1170	1210	1110	1163	4.33	cps
Phosphorus	31-2	92	75	100	89	14.33	cps
Potassium	39-2	102225	102268	102411	102301	0.10	cps
Rhodium	103-1	4737280	4696917	4762124	4732107	0.70	cps
Rhodium	103-2	2180432	2201735	2189920	2190696	0.49	cps
Scandium	45-1	3800178	3804440	3802000	3802206	0.06	cps
Scandium	45-2	162400	163997	163647	163348	0.51	cps
Selenium	77-2	40	20	27	29	35.25	cps
Selenium	78-2	159	128	159	149	12.22	cps
Selenium	82-1	824	713	788	775	7.31	cps
Silicon	28-1	341049	340383	341579	341004	0.18	cps
Silver	109-1	8578	8061	8361	8333	3.12	cps
Silver	107-1	8228	8895	8728	8617	4.03	cps
Sodium	23-2	209417	211412	206317	209049	1.23	cps
Strontium	86-1	2525	2534	2592	2550	1.42	cps
Strontium	88-1	21041	21742	20165	20983	3.77	cps
Sulfur	34-1	304128	301078	301043	302083	0.59	cps
Terbium	159-1	5761918	5795368	5729983	5762423	0.57	cps
Terbium	159-2	2814448	2764527	2759617	2779531	1.09	cps
Thallium	203-1	5143	4934	5176	5085	2.58	cps
Thallium	205-1	12148	12515	12181	12281	1.65	cps
Tin	118-1	27611	28588	27311	27837	2.40	cps
Titanium	47-1	6051	6260	6035	6115	2.05	cps
Uranium	238-1	16169	15802	16478	16150	2.10	cps
Vanadium	51-2	9907	10150	10224	10094	1.64	cps
Yttrium	89-1	5648852	5579872	5594256	5607660	0.65	cps
Yttrium	89-2	778177	777417	776669	777421	0.10	cps
Zinc	66-2	913	897	923	911	1.48	cps
Zirconium	90-1	14708	14241	15376	14775	3.86	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103723BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:41:58	DataFile Name :	054LCSE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3301	3326	3184	3270	2.31	cps

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : PB103724BL Instrumnet Name : P7
 Client Sample ID : PBS008 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 20:45:25 DataFile Name : 055CCBE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	58	58	53	18.23	cps
Antimony	121-1	250	317	300	289	12.01	cps
Arsenic	75-2	11	0	2	4	137.79	cps
Barium	135-1	25	33	8	22	57.29	cps
Barium	137-1	58	33	67	53	32.88	cps
Beryllium	9-1	72	83	61	72	15.39	cps
Bismuth	209-1	2750712	2767476	2840395	2786194	1.71	cps
Bismuth	209-2	1898017	1926753	1920123	1914964	0.79	cps
Boron	10-1	383	417	500	433	13.87	cps
Boron	11-1	1950	2034	1934	1972	2.72	cps
Cadmium	111-1	1025	980	954	986	3.66	cps
Cadmium	106-1	1458	1392	1367	1406	3.37	cps
Cadmium	108-1	0	4	4	3	86.60	cps
Calcium	43-1	167	217	225	203	15.56	cps
Calcium	44-1	20173	20740	20632	20515	1.47	cps
Chromium	52-2	770	793	703	756	6.18	cps
Cobalt	59-2	60	47	43	50	17.64	cps
Copper	63-2	1223	1133	1310	1222	7.23	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	17	25	17	50.01	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	33	42	8	28	62.46	cps
Gadolinium	160-2	27	17	43	29	46.62	cps
Holmium	165-1	5410025	5372567	5452229	5411607	0.74	cps
Holmium	165-2	2778647	2756104	2735968	2756906	0.77	cps
Indium	115-1	4715587	4688215	4718117	4707306	0.35	cps
Indium	115-2	879848	889211	894909	887990	0.86	cps
Iron	56-2	3100	2906	3100	3036	3.70	cps
Iron	57-2	161	139	144	148	7.81	cps
Lead	206-1	256	228	344	276	22.09	cps
Lead	207-1	233	244	311	263	16.00	cps
Lead	208-1	1206	1172	1350	1243	7.60	cps
Lithium	6-1	1538378	1537439	1531599	1535805	0.24	cps
Magnesium	24-2	308	342	458	369	21.32	cps
Manganese	55-2	37	43	50	43	15.38	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103724BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:45:25	DataFile Name :	055CCBE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	233	267	217	239	10.66	cps
Molybdenum	95-1	50	42	67	53	24.12	cps
Molybdenum	96-1	108	117	100	108	7.69	cps
Molybdenum	97-1	42	50	58	50	16.67	cps
Molybdenum	98-1	125	83	117	108	20.35	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	50	90	43	61	41.30	cps
Phosphorus	31-2	75	33	75	61	39.37	cps
Potassium	39-2	17836	18020	17945	17934	0.51	cps
Rhodium	103-1	4635968	4591061	4651670	4626233	0.68	cps
Rhodium	103-2	2153131	2187219	2177383	2172577	0.81	cps
Scandium	45-1	3782801	3742806	3805783	3777130	0.84	cps
Scandium	45-2	161824	163349	163083	162752	0.50	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	43	41	54	46	15.35	cps
Selenium	82-1	91	55	43	63	39.15	cps
Silicon	28-1	261642	258267	255199	258370	1.25	cps
Silver	109-1	42	33	25	33	25.00	cps
Silver	107-1	42	83	58	61	34.32	cps
Sodium	23-2	18529	18612	18437	18526	0.47	cps
Strontium	86-1	233	275	300	269	12.50	cps
Strontium	88-1	142	133	183	153	17.53	cps
Sulfur	34-1	301364	304078	301305	302249	0.52	cps
Terbium	159-1	5639700	5674500	5699605	5671269	0.53	cps
Terbium	159-2	2765019	2744687	2829874	2779860	1.60	cps
Thallium	203-1	58	33	75	56	37.75	cps
Thallium	205-1	117	167	92	125	30.55	cps
Tin	118-1	542	408	408	453	17.00	cps
Titanium	47-1	50	58	117	75	48.43	cps
Uranium	238-1	17	25	50	31	56.77	cps
Vanadium	51-2	10	0	0	3	173.21	cps
Yttrium	89-1	5571313	5606055	5592152	5589840	0.31	cps
Yttrium	89-2	767840	772729	777776	772782	0.64	cps
Zinc	66-2	80	87	83	83	4.00	cps
Zirconium	90-1	542	567	425	511	14.80	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103724BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:45:25	DataFile Name :	055CCBE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	100	142	131	20.52	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103724BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:48:52	DataFile Name :	056LCSE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1675	1575	1717	1656	4.40	cps
Antimony	121-1	15467	15609	15409	15495	0.66	cps
Arsenic	75-2	322	354	306	327	7.47	cps
Barium	135-1	16319	16402	16060	16260	1.10	cps
Barium	137-1	28430	27345	27486	27754	2.13	cps
Beryllium	9-1	1928	2045	2022	1998	3.10	cps
Bismuth	209-1	2820167	2865536	2816407	2834037	0.96	cps
Bismuth	209-2	1903572	1915126	1932723	1917140	0.77	cps
Boron	10-1	5951	5785	6143	5960	3.01	cps
Boron	11-1	29129	29763	29029	29307	1.36	cps
Cadmium	111-1	2708	2703	2536	2649	3.71	cps
Cadmium	106-1	1525	1709	1642	1625	5.71	cps
Cadmium	108-1	121	121	163	135	17.85	cps
Calcium	43-1	13256	13190	13123	13190	0.51	cps
Calcium	44-1	226503	227457	226222	226728	0.29	cps
Chromium	52-2	5628	6178	5951	5919	4.67	cps
Cobalt	59-2	3947	3954	4077	3993	1.83	cps
Copper	63-2	6615	6895	6758	6756	2.07	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	58	50	8	39	68.89	cps
Erbium	164-2	7	7	17	10	57.72	cps
Gadolinium	160-1	17	25	42	28	45.82	cps
Gadolinium	160-2	30	33	20	28	24.98	cps
Holmium	165-1	5360416	5464080	5387212	5403903	1.00	cps
Holmium	165-2	2785739	2772668	2787241	2781883	0.29	cps
Indium	115-1	4755649	4795237	4702322	4751069	0.98	cps
Indium	115-2	878333	887172	894291	886599	0.90	cps
Iron	56-2	416094	415191	419412	416899	0.53	cps
Iron	57-2	10454	10354	10504	10437	0.73	cps
Lead	206-1	4657	4384	4506	4516	3.02	cps
Lead	207-1	4506	4195	4062	4255	5.36	cps
Lead	208-1	19145	18472	18389	18669	2.22	cps
Lithium	6-1	1553786	1551750	1532269	1545935	0.77	cps
Magnesium	24-2	96888	96551	98087	97175	0.83	cps
Manganese	55-2	1367	1383	1397	1382	1.09	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103724BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:48:52	DataFile Name :	056LCSE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	16894	15592	16235	16240	4.01	cps
Molybdenum	95-1	18938	19948	19147	19344	2.76	cps
Molybdenum	96-1	21033	21659	21709	21467	1.75	cps
Molybdenum	97-1	12122	12156	11730	12003	1.97	cps
Molybdenum	98-1	30450	31728	31135	31104	2.06	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1120	1137	1130	1129	0.74	cps
Phosphorus	31-2	125	58	75	86	40.29	cps
Potassium	39-2	101185	103433	100984	101867	1.33	cps
Rhodium	103-1	4759292	4785008	4771307	4771869	0.27	cps
Rhodium	103-2	2169597	2165151	2196609	2177119	0.78	cps
Scandium	45-1	3795044	3806371	3785397	3795604	0.28	cps
Scandium	45-2	160536	163398	164385	162773	1.23	cps
Selenium	77-2	20	27	27	24	15.75	cps
Selenium	78-2	131	135	115	127	8.53	cps
Selenium	82-1	759	694	869	774	11.43	cps
Silicon	28-1	341886	337784	339619	339763	0.60	cps
Silver	109-1	8445	8886	8169	8500	4.26	cps
Silver	107-1	8503	8945	8887	8778	2.73	cps
Sodium	23-2	209001	208429	212376	209935	1.02	cps
Strontium	86-1	2817	2759	2642	2739	3.25	cps
Strontium	88-1	21700	21525	21008	21411	1.68	cps
Sulfur	34-1	305386	305853	308390	306543	0.53	cps
Terbium	159-1	5823604	5777078	5781846	5794176	0.44	cps
Terbium	159-2	2769656	2787019	2756870	2771182	0.55	cps
Thallium	203-1	5410	5151	4993	5185	4.06	cps
Thallium	205-1	11923	12206	12031	12053	1.19	cps
Tin	118-1	28563	27879	28137	28193	1.23	cps
Titanium	47-1	6277	5968	6352	6199	3.28	cps
Uranium	238-1	16745	16979	16086	16603	2.79	cps
Vanadium	51-2	10150	10571	10200	10307	2.23	cps
Yttrium	89-1	5654079	5679957	5640708	5658248	0.35	cps
Yttrium	89-2	777414	774261	777233	776302	0.23	cps
Zinc	66-2	927	780	943	883	10.18	cps
Zirconium	90-1	13891	13966	14074	13977	0.66	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	PB103724BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:48:52	DataFile Name :	056LCSE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3226	3284	2975	3162	5.18	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-01	Instrumnet Name :	P7
Client Sample ID :	MH0QD6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:52:19	DataFile Name :	057SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3576	3901	3759	3745	4.35	cps
Antimony	121-1	350	383	225	319	26.13	cps
Arsenic	75-2	22	24	26	24	7.71	cps
Barium	135-1	5393	5260	5034	5229	3.47	cps
Barium	137-1	8803	9353	9062	9073	3.04	cps
Beryllium	9-1	67	72	83	74	11.46	cps
Bismuth	209-1	3105500	3145586	3092435	3114507	0.89	cps
Bismuth	209-2	2070879	2043141	2056261	2056760	0.67	cps
Boron	10-1	450	600	392	481	22.36	cps
Boron	11-1	2550	2484	2309	2448	5.10	cps
Cadmium	111-1	1237	1141	1148	1175	4.58	cps
Cadmium	106-1	1717	1508	1542	1589	7.04	cps
Cadmium	108-1	21	4	21	15	62.96	cps
Calcium	43-1	15008	14174	14816	14666	2.98	cps
Calcium	44-1	255914	256202	253488	255201	0.58	cps
Chromium	52-2	3227	3260	3107	3198	2.52	cps
Cobalt	59-2	453	400	470	441	8.29	cps
Copper	63-2	3297	3484	3570	3450	4.05	cps
Dysprosium	156-1	200	233	250	228	11.18	cps
Dysprosium	156-2	103	117	93	104	11.21	cps
Erbium	164-1	175	117	233	175	33.34	cps
Erbium	164-2	143	107	57	102	42.56	cps
Gadolinium	160-1	133	300	175	203	42.77	cps
Gadolinium	160-2	160	147	157	154	4.49	cps
Holmium	165-1	6057874	5973557	5949328	5993587	0.95	cps
Holmium	165-2	2972928	2949112	2953284	2958441	0.43	cps
Indium	115-1	5227872	5310637	5202306	5246938	1.08	cps
Indium	115-2	956935	940205	948424	948522	0.88	cps
Iron	56-2	460800	470629	465567	465665	1.06	cps
Iron	57-2	11599	11349	11788	11579	1.90	cps
Lead	206-1	12289	11961	12262	12171	1.49	cps
Lead	207-1	9787	9826	9915	9843	0.67	cps
Lead	208-1	46488	45659	46216	46121	0.92	cps
Lithium	6-1	1711908	1733800	1701383	1715697	0.96	cps
Magnesium	24-2	8995	8753	9128	8959	2.12	cps
Manganese	55-2	6798	6612	6595	6668	1.69	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-01	Instrumnet Name :	P7
Client Sample ID :	MH0QD6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:52:19	DataFile Name :	057SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	642	817	767	742	12.15	cps
Molybdenum	95-1	775	850	775	800	5.41	cps
Molybdenum	96-1	900	858	833	864	3.90	cps
Molybdenum	97-1	433	542	442	472	12.77	cps
Molybdenum	98-1	1225	1250	1258	1245	1.39	cps
Neodymium	150-1	340	373	340	351	5.48	cps
Neodymium	150-2	90	90	117	99	15.57	cps
Nickel	60-2	75604	75155	75785	75515	0.43	cps
Phosphorus	31-2	175	175	175	175	0.00	cps
Potassium	39-2	22868	22209	23102	22727	2.04	cps
Rhodium	103-1	5210565	5228086	5267693	5235448	0.56	cps
Rhodium	103-2	2340675	2302631	2336982	2326763	0.90	cps
Scandium	45-1	4153829	4229305	4146765	4176633	1.10	cps
Scandium	45-2	173179	174161	173268	173536	0.31	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	44	41	52	46	12.39	cps
Selenium	82-1	101	91	49	80	34.66	cps
Silicon	28-1	769848	766064	765104	767005	0.33	cps
Silver	109-1	75	67	133	92	39.63	cps
Silver	107-1	108	158	133	133	18.75	cps
Sodium	23-2	65921	66163	65443	65842	0.56	cps
Strontium	86-1	5835	6235	5935	6002	3.47	cps
Strontium	88-1	51051	48867	48700	49540	2.65	cps
Sulfur	34-1	304919	305949	307455	306108	0.42	cps
Terbium	159-1	6396460	6330777	6474799	6400678	1.13	cps
Terbium	159-2	2991937	2928278	2921721	2947312	1.32	cps
Thallium	203-1	42	92	117	83	45.82	cps
Thallium	205-1	167	183	192	181	7.05	cps
Tin	118-1	325	233	283	281	16.36	cps
Titanium	47-1	1767	1909	1809	1828	3.98	cps
Uranium	238-1	417	517	350	428	19.61	cps
Vanadium	51-2	523	490	553	522	6.07	cps
Yttrium	89-1	6174272	6178519	6221189	6191327	0.42	cps
Yttrium	89-2	822265	821093	830282	824547	0.61	cps
Zinc	66-2	2054	2360	2350	2255	7.73	cps
Zirconium	90-1	1142	1075	908	1042	11.54	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-01	Instrumnet Name :	P7
Client Sample ID :	MH0QD6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:52:19	DataFile Name :	057SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	217	183	150	183	18.18	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-02	Instrumnet Name :	P7
Client Sample ID :	MH0QD7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:55:45	DataFile Name :	058SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1909	1742	1842	1831	4.58	cps
Antimony	121-1	183	167	100	150	29.39	cps
Arsenic	75-2	9	6	11	9	32.69	cps
Barium	135-1	917	1142	967	1008	11.72	cps
Barium	137-1	1800	1567	1709	1692	6.95	cps
Beryllium	9-1	39	67	50	52	26.97	cps
Bismuth	209-1	2985941	3316314	3102924	3135060	5.34	cps
Bismuth	209-2	2038373	1995688	2069485	2034515	1.82	cps
Boron	10-1	333	350	275	319	12.33	cps
Boron	11-1	1725	1550	1367	1547	11.58	cps
Cadmium	111-1	1107	1117	964	1063	8.07	cps
Cadmium	106-1	1550	1608	1375	1511	8.04	cps
Cadmium	108-1	4	13	4	7	69.23	cps
Calcium	43-1	5334	5460	5585	5460	2.29	cps
Calcium	44-1	101681	98578	97646	99302	2.13	cps
Chromium	52-2	877	823	900	867	4.53	cps
Cobalt	59-2	90	120	110	107	14.32	cps
Copper	63-2	2910	2830	2867	2869	1.40	cps
Dysprosium	156-1	50	67	75	64	19.92	cps
Dysprosium	156-2	37	30	37	34	11.18	cps
Erbium	164-1	33	83	25	47	66.82	cps
Erbium	164-2	10	37	43	30	58.79	cps
Gadolinium	160-1	42	75	92	69	36.66	cps
Gadolinium	160-2	60	53	37	50	24.03	cps
Holmium	165-1	5872176	6071203	5879335	5940905	1.90	cps
Holmium	165-2	2954591	2887106	2984838	2942178	1.70	cps
Indium	115-1	5147427	5352508	5156031	5218655	2.22	cps
Indium	115-2	939382	941265	952657	944435	0.76	cps
Iron	56-2	96091	95213	95229	95511	0.53	cps
Iron	57-2	2717	2389	2411	2506	7.31	cps
Lead	206-1	1461	1306	1295	1354	6.88	cps
Lead	207-1	1178	1111	1028	1106	6.80	cps
Lead	208-1	5545	5145	5189	5293	4.14	cps
Lithium	6-1	1686888	1737698	1688967	1704518	1.69	cps
Magnesium	24-2	3501	2950	3150	3200	8.70	cps
Manganese	55-2	1637	1550	1607	1598	2.75	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-02	Instrumnet Name :	P7
Client Sample ID :	MH0QD7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:55:45	DataFile Name :	058SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	225	250	342	272	22.56	cps
Molybdenum	95-1	125	192	225	181	28.20	cps
Molybdenum	96-1	250	258	275	261	4.87	cps
Molybdenum	97-1	183	150	142	158	13.92	cps
Molybdenum	98-1	300	367	267	311	16.37	cps
Neodymium	150-1	60	100	107	89	28.40	cps
Neodymium	150-2	47	43	40	43	7.70	cps
Nickel	60-2	7315	7195	6918	7143	2.85	cps
Phosphorus	31-2	67	83	67	72	13.33	cps
Potassium	39-2	20064	20131	20381	20192	0.83	cps
Rhodium	103-1	5106787	5351279	5118800	5192289	2.65	cps
Rhodium	103-2	2292732	2319880	2328437	2313683	0.81	cps
Scandium	45-1	4120559	4282504	4083916	4162326	2.54	cps
Scandium	45-2	172640	170152	173126	171972	0.93	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	41	41	48	43	9.90	cps
Selenium	82-1	78	14	49	47	68.00	cps
Silicon	28-1	383161	383935	378553	381883	0.76	cps
Silver	109-1	33	17	67	39	65.47	cps
Silver	107-1	83	33	58	58	42.86	cps
Sodium	23-2	28478	27860	28995	28444	2.00	cps
Strontium	86-1	2017	1834	1600	1817	11.50	cps
Strontium	88-1	12364	11839	12381	12195	2.53	cps
Sulfur	34-1	305012	306721	305064	305599	0.32	cps
Terbium	159-1	6231840	6487641	6256292	6325258	2.23	cps
Terbium	159-2	2954324	2936434	2967844	2952867	0.53	cps
Thallium	203-1	42	50	58	50	16.67	cps
Thallium	205-1	125	108	158	131	19.50	cps
Tin	118-1	242	292	258	264	9.65	cps
Titanium	47-1	583	417	508	503	16.60	cps
Uranium	238-1	142	75	108	108	30.77	cps
Vanadium	51-2	97	117	77	97	20.69	cps
Yttrium	89-1	6088677	6325426	6068092	6160732	2.32	cps
Yttrium	89-2	818638	813201	829142	820327	0.99	cps
Zinc	66-2	770	700	773	748	5.54	cps
Zirconium	90-1	375	450	517	447	15.85	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-02	Instrumnet Name :	P7
Client Sample ID :	MH0QD7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:55:45	DataFile Name :	058SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	67	125	103	30.70	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-03	Instrumnet Name :	P7
Client Sample ID :	MH0QD8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:59:12	DataFile Name :	059SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	83	83	81	5.98	cps
Antimony	121-1	150	125	67	114	37.55	cps
Arsenic	75-2	2	4	6	4	50.09	cps
Barium	135-1	100	92	92	94	5.09	cps
Barium	137-1	175	150	150	158	9.12	cps
Beryllium	9-1	78	89	83	83	6.67	cps
Bismuth	209-1	3256495	3220240	2903130	3126622	6.22	cps
Bismuth	209-2	1920258	2063107	2012247	1998537	3.62	cps
Boron	10-1	233	350	267	283	21.21	cps
Boron	11-1	1150	1158	1175	1161	1.10	cps
Cadmium	111-1	884	1056	1069	1003	10.30	cps
Cadmium	106-1	1267	1508	1534	1436	10.26	cps
Cadmium	108-1	4	0	13	6	114.53	cps
Calcium	43-1	1492	1408	1492	1464	3.29	cps
Calcium	44-1	42579	42813	42353	42582	0.54	cps
Chromium	52-2	653	530	577	587	10.61	cps
Cobalt	59-2	63	53	43	53	18.75	cps
Copper	63-2	1247	1320	1393	1320	5.56	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	17	33	22	43.28	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	33	42	25	33	25.01	cps
Gadolinium	160-2	23	43	23	30	38.49	cps
Holmium	165-1	6167971	5941070	5608069	5905703	4.77	cps
Holmium	165-2	2846273	2944288	2867245	2885935	1.79	cps
Indium	115-1	5373942	5244548	4955747	5191412	4.12	cps
Indium	115-2	910906	957421	921387	929905	2.62	cps
Iron	56-2	4106	4212	4217	4179	1.50	cps
Iron	57-2	183	233	211	209	11.97	cps
Lead	206-1	333	300	378	337	11.58	cps
Lead	207-1	411	261	283	319	25.42	cps
Lead	208-1	1406	1317	1378	1367	3.33	cps
Lithium	6-1	1746760	1698275	1630954	1691996	3.44	cps
Magnesium	24-2	1042	917	1042	1000	7.22	cps
Manganese	55-2	80	93	73	82	12.39	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-03	Instrumnet Name :	P7
Client Sample ID :	MH0QD8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:59:12	DataFile Name :	059SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	283	283	283	283	0.00	cps
Molybdenum	95-1	58	75	117	83	36.05	cps
Molybdenum	96-1	117	50	125	97	42.28	cps
Molybdenum	97-1	92	67	50	69	30.20	cps
Molybdenum	98-1	117	125	75	106	25.38	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	450	440	420	437	3.50	cps
Phosphorus	31-2	50	50	67	56	17.32	cps
Potassium	39-2	18087	18445	17619	18051	2.29	cps
Rhodium	103-1	5413222	5139307	4927551	5160027	4.72	cps
Rhodium	103-2	2237394	2344711	2245710	2275939	2.62	cps
Scandium	45-1	4320148	4166721	3919252	4135374	4.89	cps
Scandium	45-2	166181	175518	167823	169841	2.93	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	33	56	46	45	24.78	cps
Selenium	82-1	63	137	111	104	36.09	cps
Silicon	28-1	272678	270294	268842	270605	0.72	cps
Silver	109-1	42	50	50	47	10.18	cps
Silver	107-1	33	50	33	39	24.75	cps
Sodium	23-2	51523	53203	51522	52083	1.86	cps
Strontium	86-1	867	1058	992	972	10.01	cps
Strontium	88-1	5510	5643	5551	5568	1.23	cps
Sulfur	34-1	308628	305131	305601	306453	0.62	cps
Terbium	159-1	6564093	6210764	6042425	6272427	4.24	cps
Terbium	159-2	2871819	2980583	2870455	2907619	2.17	cps
Thallium	203-1	83	33	33	50	57.75	cps
Thallium	205-1	67	150	150	122	39.37	cps
Tin	118-1	183	217	217	206	9.36	cps
Titanium	47-1	33	75	67	58	37.80	cps
Uranium	238-1	17	8	25	17	50.01	cps
Vanadium	51-2	7	3	7	6	34.70	cps
Yttrium	89-1	6400812	6130755	5892710	6141426	4.14	cps
Yttrium	89-2	791268	825175	799709	805384	2.19	cps
Zinc	66-2	137	150	133	140	6.30	cps
Zirconium	90-1	750	717	533	667	17.50	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-03	Instrumnet Name :	P7
Client Sample ID :	MH0QD8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 20:59:12	DataFile Name :	059SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	142	200	164	19.25	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-04	Instrumnet Name :	P7
Client Sample ID :	MH0QD9	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:02:39	DataFile Name :	060SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	50	58	58	14.29	cps
Antimony	121-1	50	58	92	67	33.07	cps
Arsenic	75-2	9	4	4	6	57.80	cps
Barium	135-1	75	58	58	64	15.05	cps
Barium	137-1	133	183	183	167	17.32	cps
Beryllium	9-1	111	44	72	76	44.10	cps
Bismuth	209-1	3073121	3029629	3015948	3039566	0.98	cps
Bismuth	209-2	2000745	2013029	1991734	2001836	0.53	cps
Boron	10-1	175	192	275	214	25.05	cps
Boron	11-1	817	925	833	858	6.80	cps
Cadmium	111-1	1133	1133	1011	1092	6.48	cps
Cadmium	106-1	1617	1617	1442	1558	6.48	cps
Cadmium	108-1	4	4	4	4	0.00	cps
Calcium	43-1	1400	1483	1200	1361	10.70	cps
Calcium	44-1	39713	39019	38810	39181	1.21	cps
Chromium	52-2	580	620	563	588	4.96	cps
Cobalt	59-2	43	50	53	49	10.42	cps
Copper	63-2	1410	1570	1447	1476	5.68	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	25	8	17	17	50.01	cps
Erbium	164-2	10	13	3	9	57.30	cps
Gadolinium	160-1	42	8	8	19	99.00	cps
Gadolinium	160-2	60	17	27	34	65.86	cps
Holmium	165-1	5854891	5825129	5766987	5815669	0.77	cps
Holmium	165-2	2926487	2937386	2839801	2901224	1.84	cps
Indium	115-1	5061358	5039906	5147598	5082954	1.12	cps
Indium	115-2	935618	935119	917542	929426	1.11	cps
Iron	56-2	6146	6718	6418	6427	4.46	cps
Iron	57-2	206	217	250	224	10.32	cps
Lead	206-1	311	300	289	300	3.70	cps
Lead	207-1	256	228	322	269	18.07	cps
Lead	208-1	1189	1300	1283	1257	4.77	cps
Lithium	6-1	1682187	1653986	1661312	1665828	0.88	cps
Magnesium	24-2	1225	1133	1208	1189	4.11	cps
Manganese	55-2	107	123	127	119	9.01	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-04	Instrumnet Name :	P7
Client Sample ID :	MH0QD9	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:02:39	DataFile Name :	060SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	233	208	217	219	5.80	cps
Molybdenum	95-1	33	33	100	56	69.29	cps
Molybdenum	96-1	42	92	67	67	37.50	cps
Molybdenum	97-1	25	67	25	39	61.86	cps
Molybdenum	98-1	83	25	33	47	66.82	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	2320	2440	2324	2361	2.89	cps
Phosphorus	31-2	25	67	42	44	47.19	cps
Potassium	39-2	18095	18036	17886	18006	0.60	cps
Rhodium	103-1	5090758	4973785	5055434	5039992	1.19	cps
Rhodium	103-2	2300051	2298040	2252636	2283576	1.17	cps
Scandium	45-1	4087749	4020487	4074943	4061060	0.88	cps
Scandium	45-2	170108	171942	169040	170364	0.86	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	46	35	31	38	20.48	cps
Selenium	82-1	97	43	66	69	39.86	cps
Silicon	28-1	270912	266941	265064	267639	1.12	cps
Silver	109-1	25	33	25	28	17.31	cps
Silver	107-1	92	58	42	64	39.85	cps
Sodium	23-2	39052	39051	38609	38904	0.66	cps
Strontium	86-1	942	850	625	806	20.23	cps
Strontium	88-1	4334	4351	4276	4320	0.91	cps
Sulfur	34-1	305267	305683	302581	304510	0.55	cps
Terbium	159-1	6270643	6097152	6240239	6202678	1.49	cps
Terbium	159-2	2927004	2894508	2840364	2887292	1.52	cps
Thallium	203-1	25	33	58	39	44.62	cps
Thallium	205-1	75	42	83	67	33.07	cps
Tin	118-1	233	225	217	225	3.70	cps
Titanium	47-1	42	108	92	81	43.07	cps
Uranium	238-1	17	25	17	19	24.73	cps
Vanadium	51-2	7	13	10	10	33.30	cps
Yttrium	89-1	6062539	5893591	6034319	5996816	1.51	cps
Yttrium	89-2	815991	813056	796488	808511	1.30	cps
Zinc	66-2	207	237	217	220	6.94	cps
Zirconium	90-1	483	525	508	506	4.15	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-04	Instrumnet Name :	P7
Client Sample ID :	MH0QD9	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:02:39	DataFile Name :	060SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	75	100	97	21.57	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-05	Instrumnet Name :	P7
Client Sample ID :	MH0QE0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:06:22	DataFile Name :	061SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	492	517	525	511	3.39	cps
Antimony	121-1	58	75	150	94	51.70	cps
Arsenic	75-2	6	4	6	5	21.74	cps
Barium	135-1	633	733	725	697	7.96	cps
Barium	137-1	1383	1308	1283	1325	3.93	cps
Beryllium	9-1	78	83	67	76	11.18	cps
Bismuth	209-1	3125643	2962743	2981694	3023360	2.95	cps
Bismuth	209-2	1976716	1991879	2033132	2000576	1.46	cps
Boron	10-1	867	792	808	822	4.79	cps
Boron	11-1	3759	3717	3659	3712	1.35	cps
Cadmium	111-1	1169	978	1066	1071	8.94	cps
Cadmium	106-1	1659	1383	1517	1520	9.05	cps
Cadmium	108-1	0	4	13	6	114.53	cps
Calcium	43-1	4159	4134	4259	4184	1.58	cps
Calcium	44-1	90073	87391	86108	87858	2.30	cps
Chromium	52-2	520	540	660	573	13.21	cps
Cobalt	59-2	160	100	147	136	23.24	cps
Copper	63-2	1937	1937	1934	1936	0.10	cps
Dysprosium	156-1	25	50	33	36	35.25	cps
Dysprosium	156-2	13	13	10	12	15.73	cps
Erbium	164-1	42	33	25	33	25.01	cps
Erbium	164-2	37	37	30	34	11.18	cps
Gadolinium	160-1	33	25	42	33	25.01	cps
Gadolinium	160-2	40	57	50	49	17.16	cps
Holmium	165-1	5873718	5726257	5839799	5813258	1.33	cps
Holmium	165-2	2880139	2898665	2941254	2906686	1.08	cps
Indium	115-1	5210842	5096151	5119831	5142275	1.18	cps
Indium	115-2	907802	922936	944190	924976	1.98	cps
Iron	56-2	51468	51457	51256	51394	0.23	cps
Iron	57-2	1428	1395	1239	1354	7.45	cps
Lead	206-1	1239	1411	1328	1326	6.50	cps
Lead	207-1	1006	1000	1039	1015	2.07	cps
Lead	208-1	4856	4778	4989	4875	2.19	cps
Lithium	6-1	1708376	1673602	1670782	1684253	1.24	cps
Magnesium	24-2	1800	1834	1942	1859	3.99	cps
Manganese	55-2	1310	1457	1473	1413	6.36	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-05	Instrumnet Name :	P7
Client Sample ID :	MH0QE0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:06:22	DataFile Name :	061SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	108	217	567	297	80.67	cps
Molybdenum	95-1	75	133	75	94	35.66	cps
Molybdenum	96-1	117	92	125	111	15.61	cps
Molybdenum	97-1	50	75	58	61	20.83	cps
Molybdenum	98-1	108	125	50	94	41.70	cps
Neodymium	150-1	53	20	47	40	44.10	cps
Neodymium	150-2	17	13	27	19	36.75	cps
Nickel	60-2	21226	20661	20468	20785	1.89	cps
Phosphorus	31-2	50	67	75	64	19.92	cps
Potassium	39-2	18879	17636	19021	18512	4.12	cps
Rhodium	103-1	5139934	5009401	5100440	5083258	1.32	cps
Rhodium	103-2	2260462	2264522	2302918	2275967	1.03	cps
Scandium	45-1	4209830	3933558	4048456	4063948	3.42	cps
Scandium	45-2	167635	172002	171921	170519	1.47	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	59	26	44	43	38.65	cps
Selenium	82-1	34	98	75	69	47.13	cps
Silicon	28-1	318588	317260	319044	318297	0.29	cps
Silver	109-1	58	50	33	47	26.97	cps
Silver	107-1	50	67	33	50	33.34	cps
Sodium	23-2	23870	24463	23978	24104	1.31	cps
Strontium	86-1	1317	1483	1508	1436	7.26	cps
Strontium	88-1	10996	11013	10054	10688	5.14	cps
Sulfur	34-1	305541	303069	302188	303599	0.57	cps
Terbium	159-1	6293712	6152300	6283788	6243267	1.26	cps
Terbium	159-2	2860914	2877686	2914055	2884218	0.94	cps
Thallium	203-1	8	17	67	31	103.26	cps
Thallium	205-1	83	58	125	89	37.89	cps
Tin	118-1	233	292	142	222	34.03	cps
Titanium	47-1	233	208	325	256	24.04	cps
Uranium	238-1	58	58	117	78	43.30	cps
Vanadium	51-2	87	53	90	77	26.45	cps
Yttrium	89-1	6148123	5935420	6055408	6046317	1.76	cps
Yttrium	89-2	806256	808437	812599	809097	0.40	cps
Zinc	66-2	493	457	503	484	5.07	cps
Zirconium	90-1	408	350	292	350	16.67	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-05	Instrumnet Name :	P7
Client Sample ID :	MH0QE0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:06:22	DataFile Name :	061SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	67	108	83	26.46	cps

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : I6190-06 Instrumnet Name : P7
 Client Sample ID : MH0QE1 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 21:09:50 DataFile Name : 062SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	158	242	200	20.83	cps
Antimony	121-1	67	42	150	86	65.87	cps
Arsenic	75-2	2	2	6	3	69.39	cps
Barium	135-1	258	183	250	231	17.83	cps
Barium	137-1	450	500	483	478	5.33	cps
Beryllium	9-1	56	72	22	50	50.92	cps
Bismuth	209-1	3023892	3053973	3076554	3051473	0.87	cps
Bismuth	209-2	2025299	1998751	2008093	2010714	0.67	cps
Boron	10-1	158	242	217	206	20.80	cps
Boron	11-1	1017	1033	958	1003	3.93	cps
Cadmium	111-1	992	1054	1011	1019	3.13	cps
Cadmium	106-1	1392	1500	1442	1445	3.75	cps
Cadmium	108-1	4	0	4	3	86.60	cps
Calcium	43-1	2234	2017	2200	2150	5.43	cps
Calcium	44-1	52578	51340	52385	52101	1.28	cps
Chromium	52-2	660	523	590	591	11.56	cps
Cobalt	59-2	53	53	80	62	24.75	cps
Copper	63-2	1493	1483	1413	1463	2.98	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	58	33	33	42	34.65	cps
Erbium	164-2	13	17	13	14	13.35	cps
Gadolinium	160-1	25	17	25	22	21.64	cps
Gadolinium	160-2	30	33	40	34	14.78	cps
Holmium	165-1	5737219	5825497	5952579	5838432	1.85	cps
Holmium	165-2	2943252	2927066	2928866	2933061	0.30	cps
Indium	115-1	5052765	5074338	5124683	5083929	0.73	cps
Indium	115-2	932513	927632	934266	931470	0.37	cps
Iron	56-2	28707	28200	27771	28226	1.66	cps
Iron	57-2	772	789	844	802	4.72	cps
Lead	206-1	728	611	622	654	9.85	cps
Lead	207-1	583	622	578	594	4.07	cps
Lead	208-1	2667	2678	2572	2639	2.20	cps
Lithium	6-1	1673878	1671827	1683684	1676463	0.38	cps
Magnesium	24-2	1567	1200	1242	1336	15.03	cps
Manganese	55-2	723	583	720	676	11.83	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-06	Instrumnet Name :	P7
Client Sample ID :	MH0QE1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:09:50	DataFile Name :	062SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	167	242	208	206	18.28	cps
Molybdenum	95-1	67	33	58	53	32.88	cps
Molybdenum	96-1	108	108	67	94	25.47	cps
Molybdenum	97-1	58	42	58	53	18.23	cps
Molybdenum	98-1	67	108	67	81	29.86	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	4788	4901	4888	4859	1.28	cps
Phosphorus	31-2	58	50	25	44	39.04	cps
Potassium	39-2	18537	18329	18704	18523	1.02	cps
Rhodium	103-1	5101133	5003007	5029210	5044450	1.01	cps
Rhodium	103-2	2286753	2286733	2316387	2296625	0.75	cps
Scandium	45-1	4028652	4080396	4104599	4071216	0.95	cps
Scandium	45-2	169152	170439	172764	170785	1.07	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	41	33	63	46	33.76	cps
Selenium	82-1	80	101	74	85	16.44	cps
Silicon	28-1	282422	284579	280493	282498	0.72	cps
Silver	109-1	50	50	17	39	49.48	cps
Silver	107-1	58	17	33	36	58.08	cps
Sodium	23-2	24037	24337	24028	24134	0.73	cps
Strontium	86-1	1150	1275	1083	1170	8.32	cps
Strontium	88-1	7627	7335	7469	7477	1.95	cps
Sulfur	34-1	311136	312897	307403	310479	0.90	cps
Terbium	159-1	6154384	6146512	6240494	6180463	0.84	cps
Terbium	159-2	2923858	2912679	2873924	2903487	0.90	cps
Thallium	203-1	17	17	33	22	43.28	cps
Thallium	205-1	117	150	100	122	20.83	cps
Tin	118-1	200	267	233	233	14.29	cps
Titanium	47-1	233	258	167	219	21.60	cps
Uranium	238-1	50	50	75	58	24.74	cps
Vanadium	51-2	20	17	13	17	20.01	cps
Yttrium	89-1	5973389	5968655	6086363	6009469	1.11	cps
Yttrium	89-2	810016	811787	812340	811381	0.15	cps
Zinc	66-2	203	183	217	201	8.34	cps
Zirconium	90-1	300	358	383	347	12.32	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-06	Instrumnet Name :	P7
Client Sample ID :	MH0QE1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:09:50	DataFile Name :	062SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	142	67	119	38.42	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-07	Instrumnet Name :	P7
Client Sample ID :	MH0QE2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:13:16	DataFile Name :	063SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2217	2425	2775	2473	11.41	cps
Antimony	121-1	83	192	92	122	49.32	cps
Arsenic	75-2	46	37	41	41	11.27	cps
Barium	135-1	3517	3059	3284	3287	6.98	cps
Barium	137-1	5993	5943	5085	5674	9.00	cps
Beryllium	9-1	50	61	106	72	40.71	cps
Bismuth	209-1	3164521	3117544	3048620	3110228	1.87	cps
Bismuth	209-2	1916952	1984582	1969628	1957054	1.82	cps
Boron	10-1	200	200	225	208	6.93	cps
Boron	11-1	983	1058	867	970	9.96	cps
Cadmium	111-1	1066	1218	1081	1121	7.45	cps
Cadmium	106-1	1483	1700	1475	1553	8.22	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Calcium	43-1	18312	17895	17745	17984	1.63	cps
Calcium	44-1	311183	304791	305234	307069	1.16	cps
Chromium	52-2	747	707	853	769	9.86	cps
Cobalt	59-2	183	213	160	186	14.41	cps
Copper	63-2	2100	2127	2037	2088	2.21	cps
Dysprosium	156-1	150	150	125	142	10.19	cps
Dysprosium	156-2	80	70	67	72	9.61	cps
Erbium	164-1	133	108	142	128	13.57	cps
Erbium	164-2	90	90	60	80	21.65	cps
Gadolinium	160-1	192	150	108	150	27.78	cps
Gadolinium	160-2	113	113	137	121	11.12	cps
Holmium	165-1	5943737	6018027	5765577	5909114	2.20	cps
Holmium	165-2	2884045	2920871	2904672	2903196	0.64	cps
Indium	115-1	5227815	5240136	5041070	5169674	2.16	cps
Indium	115-2	910494	924735	933431	922887	1.25	cps
Iron	56-2	121533	119871	120008	120470	0.77	cps
Iron	57-2	3167	2939	2773	2960	6.69	cps
Lead	206-1	4812	5096	4823	4910	3.27	cps
Lead	207-1	4201	4101	4117	4140	1.29	cps
Lead	208-1	19178	19189	19145	19171	0.12	cps
Lithium	6-1	1709420	1716443	1674140	1700001	1.33	cps
Magnesium	24-2	5251	5343	5610	5401	3.45	cps
Manganese	55-2	3424	3414	3580	3473	2.69	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-07	Instrumnet Name :	P7
Client Sample ID :	MH0QE2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:13:16	DataFile Name :	063SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	200	292	292	261	20.27	cps
Molybdenum	95-1	100	100	83	94	10.19	cps
Molybdenum	96-1	117	100	175	131	30.16	cps
Molybdenum	97-1	83	92	83	86	5.58	cps
Molybdenum	98-1	175	150	142	156	11.15	cps
Neodymium	150-1	240	293	193	242	20.66	cps
Neodymium	150-2	93	103	83	93	10.71	cps
Nickel	60-2	23022	22865	22668	22851	0.78	cps
Phosphorus	31-2	83	42	75	67	33.07	cps
Potassium	39-2	19956	20415	20682	20351	1.80	cps
Rhodium	103-1	5202267	5188851	5032033	5141050	1.84	cps
Rhodium	103-2	2230289	2281735	2293773	2268599	1.49	cps
Scandium	45-1	4166475	4178273	4094050	4146266	1.10	cps
Scandium	45-2	166094	171085	169364	168848	1.50	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	44	39	37	40	9.60	cps
Selenium	82-1	70	-24	67	37	142.70	cps
Silicon	28-1	585546	589390	575048	583328	1.27	cps
Silver	109-1	17	42	25	28	45.82	cps
Silver	107-1	58	75	42	58	28.57	cps
Sodium	23-2	24103	23853	24963	24307	2.40	cps
Strontium	86-1	4092	3942	4067	4034	1.99	cps
Strontium	88-1	32864	32220	31594	32226	1.97	cps
Sulfur	34-1	314055	312973	310284	312438	0.62	cps
Terbium	159-1	6349992	6466097	6187323	6334471	2.21	cps
Terbium	159-2	2845981	2909274	2916898	2890717	1.35	cps
Thallium	203-1	25	25	58	36	53.30	cps
Thallium	205-1	92	125	142	119	21.31	cps
Tin	118-1	150	150	242	181	29.31	cps
Titanium	47-1	892	875	1135	967	15.01	cps
Uranium	238-1	192	183	208	194	6.55	cps
Vanadium	51-2	313	243	277	278	12.60	cps
Yttrium	89-1	6181653	6202260	6015030	6132981	1.67	cps
Yttrium	89-2	786898	814985	804362	802082	1.77	cps
Zinc	66-2	1207	1150	1243	1200	3.92	cps
Zirconium	90-1	508	417	467	464	9.89	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-07	Instrumnet Name :	P7
Client Sample ID :	MH0QE2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:13:16	DataFile Name :	063SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	75	125	100	25.00	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-08	Instrumnet Name :	P7
Client Sample ID :	MH0QE3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:16:41	DataFile Name :	064SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1200	1308	1325	1278	5.31	cps
Antimony	121-1	58	150	108	106	43.48	cps
Arsenic	75-2	4	11	7	7	50.02	cps
Barium	135-1	2350	2442	2134	2309	6.86	cps
Barium	137-1	3826	3776	4409	4004	8.80	cps
Beryllium	9-1	50	56	67	57	14.78	cps
Bismuth	209-1	2991657	3067361	3079446	3046155	1.56	cps
Bismuth	209-2	2019291	2036029	2066778	2040699	1.18	cps
Boron	10-1	267	225	233	242	9.12	cps
Boron	11-1	1108	1050	1167	1108	5.26	cps
Cadmium	111-1	979	988	979	982	0.54	cps
Cadmium	106-1	1375	1400	1383	1386	0.92	cps
Cadmium	108-1	0	0	8	3	173.21	cps
Calcium	43-1	6218	6377	6393	6329	1.53	cps
Calcium	44-1	120042	116901	117816	118253	1.37	cps
Chromium	52-2	667	717	657	680	4.73	cps
Cobalt	59-2	103	153	147	134	20.19	cps
Copper	63-2	1727	1777	1603	1702	5.24	cps
Dysprosium	156-1	150	117	58	108	42.83	cps
Dysprosium	156-2	43	40	50	44	11.46	cps
Erbium	164-1	67	50	67	61	15.75	cps
Erbium	164-2	33	57	40	43	27.74	cps
Gadolinium	160-1	125	117	67	103	30.70	cps
Gadolinium	160-2	67	57	60	61	8.33	cps
Holmium	165-1	5855533	5844107	5812746	5837462	0.38	cps
Holmium	165-2	2938800	2923913	2949484	2937399	0.44	cps
Indium	115-1	5024099	5095182	5153004	5090761	1.27	cps
Indium	115-2	930373	938092	946746	938404	0.87	cps
Iron	56-2	69844	70168	69603	69871	0.41	cps
Iron	57-2	1811	1928	1772	1837	4.41	cps
Lead	206-1	1578	1622	1739	1646	5.05	cps
Lead	207-1	1456	1378	1450	1428	3.04	cps
Lead	208-1	6468	5990	6412	6290	4.16	cps
Lithium	6-1	1682099	1686351	1678872	1682441	0.22	cps
Magnesium	24-2	3476	3392	3200	3356	4.20	cps
Manganese	55-2	2577	2360	2390	2442	4.81	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-08	Instrumnet Name :	P7
Client Sample ID :	MH0QE3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:16:41	DataFile Name :	064SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	167	183	142	164	12.80	cps
Molybdenum	95-1	125	42	108	92	48.10	cps
Molybdenum	96-1	158	117	92	122	27.56	cps
Molybdenum	97-1	100	100	58	86	27.93	cps
Molybdenum	98-1	167	117	125	136	19.68	cps
Neodymium	150-1	87	107	93	96	10.66	cps
Neodymium	150-2	70	40	47	52	30.16	cps
Nickel	60-2	14778	15131	14978	14962	1.19	cps
Phosphorus	31-2	92	67	75	78	16.37	cps
Potassium	39-2	20907	21091	20924	20974	0.48	cps
Rhodium	103-1	5035679	5101977	5026543	5054733	0.81	cps
Rhodium	103-2	2294484	2321297	2326214	2313998	0.74	cps
Scandium	45-1	4014215	4051467	4068248	4044643	0.68	cps
Scandium	45-2	171706	170209	172347	171421	0.64	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	33	37	39	36	7.77	cps
Selenium	82-1	11	81	69	54	69.59	cps
Silicon	28-1	426195	425994	422558	424916	0.48	cps
Silver	109-1	42	25	25	31	31.50	cps
Silver	107-1	75	92	58	75	22.22	cps
Sodium	23-2	26073	25806	25280	25720	1.57	cps
Strontium	86-1	2742	2350	2342	2478	9.23	cps
Strontium	88-1	19731	18746	19205	19228	2.56	cps
Sulfur	34-1	316298	312090	314275	314221	0.67	cps
Terbium	159-1	6195052	6268862	6218610	6227508	0.61	cps
Terbium	159-2	2954169	2947055	2972761	2957995	0.45	cps
Thallium	203-1	50	50	50	50	0.00	cps
Thallium	205-1	67	100	117	94	26.96	cps
Tin	118-1	150	475	760	462	66.10	cps
Titanium	47-1	592	850	817	753	18.67	cps
Uranium	238-1	100	117	125	114	11.18	cps
Vanadium	51-2	107	93	87	96	10.66	cps
Yttrium	89-1	5985974	6048061	5968528	6000854	0.70	cps
Yttrium	89-2	816395	816704	820881	817993	0.31	cps
Zinc	66-2	403	467	407	426	8.37	cps
Zirconium	90-1	425	625	508	520	19.35	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-08	Instrumnet Name :	P7
Client Sample ID :	MH0QE3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:16:41	DataFile Name :	064SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	58	50	75	48.43	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-09	Instrumnet Name :	P7
Client Sample ID :	MH0QE4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:20:07	DataFile Name :	065SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	25	50	39	32.73	cps
Antimony	121-1	75	75	58	69	13.85	cps
Arsenic	75-2	2	2	2	2	0.00	cps
Barium	135-1	92	75	83	83	10.00	cps
Barium	137-1	133	192	158	161	18.17	cps
Beryllium	9-1	33	33	44	37	17.33	cps
Bismuth	209-1	3043476	3226835	3092845	3121052	3.04	cps
Bismuth	209-2	1963859	1994206	2018517	1992194	1.37	cps
Boron	10-1	158	167	175	167	5.00	cps
Boron	11-1	850	825	842	839	1.52	cps
Cadmium	111-1	1073	1107	1155	1112	3.69	cps
Cadmium	106-1	1542	1583	1650	1592	3.43	cps
Cadmium	108-1	8	8	0	6	86.60	cps
Calcium	43-1	608	508	617	578	10.43	cps
Calcium	44-1	26658	26825	26441	26642	0.72	cps
Chromium	52-2	533	487	563	528	7.32	cps
Cobalt	59-2	57	47	43	49	14.20	cps
Copper	63-2	1170	1253	1260	1228	4.08	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	0	8	6	86.60	cps
Erbium	164-2	7	20	3	10	88.20	cps
Gadolinium	160-1	25	8	25	19	49.50	cps
Gadolinium	160-2	40	20	40	33	34.64	cps
Holmium	165-1	5851551	6027143	5979054	5952583	1.52	cps
Holmium	165-2	2888292	2913560	2895533	2899128	0.45	cps
Indium	115-1	5124485	5325970	5134800	5195085	2.18	cps
Indium	115-2	911288	918521	922281	917363	0.61	cps
Iron	56-2	8414	8464	8114	8330	2.27	cps
Iron	57-2	211	267	306	261	18.18	cps
Lead	206-1	294	350	311	319	8.95	cps
Lead	207-1	217	228	267	237	11.08	cps
Lead	208-1	1211	1200	1239	1217	1.65	cps
Lithium	6-1	1694623	1725055	1700002	1706560	0.95	cps
Magnesium	24-2	858	717	742	772	9.79	cps
Manganese	55-2	90	83	97	90	7.41	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-09	Instrumnet Name :	P7
Client Sample ID :	MH0QE4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:20:07	DataFile Name :	065SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	158	100	125	128	22.90	cps
Molybdenum	95-1	75	50	50	58	24.74	cps
Molybdenum	96-1	117	67	92	92	27.27	cps
Molybdenum	97-1	50	58	83	64	27.15	cps
Molybdenum	98-1	83	42	75	67	33.07	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	877	950	900	909	4.12	cps
Phosphorus	31-2	58	75	50	61	20.83	cps
Potassium	39-2	18053	18420	18070	18181	1.14	cps
Rhodium	103-1	5121932	5292793	5065442	5160055	2.29	cps
Rhodium	103-2	2229745	2273938	2272830	2258837	1.12	cps
Scandium	45-1	4114795	4165842	4085800	4122145	0.98	cps
Scandium	45-2	166632	167869	168989	167830	0.70	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	43	39	44	42	6.73	cps
Selenium	82-1	76	58	73	69	14.08	cps
Silicon	28-1	259311	264362	261092	261588	0.98	cps
Silver	109-1	17	25	25	22	21.64	cps
Silver	107-1	50	75	67	64	19.92	cps
Sodium	23-2	21666	21942	22451	22020	1.81	cps
Strontium	86-1	608	625	592	608	2.74	cps
Strontium	88-1	2009	1817	1792	1872	6.33	cps
Sulfur	34-1	315265	312625	310353	312748	0.79	cps
Terbium	159-1	6221720	6371924	6188945	6260863	1.56	cps
Terbium	159-2	2879108	2903824	2825899	2869610	1.39	cps
Thallium	203-1	8	25	50	28	75.51	cps
Thallium	205-1	58	50	58	56	8.67	cps
Tin	118-1	258	158	150	189	31.92	cps
Titanium	47-1	58	67	58	61	7.87	cps
Uranium	238-1	17	8	8	11	43.34	cps
Vanadium	51-2	13	13	7	11	34.61	cps
Yttrium	89-1	6080167	6169605	5989462	6079745	1.48	cps
Yttrium	89-2	795191	802769	803455	800471	0.57	cps
Zinc	66-2	157	197	187	180	11.56	cps
Zirconium	90-1	408	325	342	358	12.31	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-09	Instrumnet Name :	P7
Client Sample ID :	MH0QE4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:20:07	DataFile Name :	065SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	58	75	58	64	15.05	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-10	Instrumnet Name :	P7
Client Sample ID :	MH0QE5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:23:32	DataFile Name :	066SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1625	1650	1325	1533	11.80	cps
Antimony	121-1	83	42	50	58	37.80	cps
Arsenic	75-2	2	4	2	2	43.30	cps
Barium	135-1	200	208	183	197	6.45	cps
Barium	137-1	358	317	433	369	16.00	cps
Beryllium	9-1	67	33	39	46	38.58	cps
Bismuth	209-1	3092275	3064387	3058740	3071801	0.58	cps
Bismuth	209-2	2025859	2019797	2034424	2026693	0.36	cps
Boron	10-1	117	142	117	125	11.55	cps
Boron	11-1	708	550	625	628	12.62	cps
Cadmium	111-1	1056	976	898	976	8.09	cps
Cadmium	106-1	1500	1392	1258	1383	8.75	cps
Cadmium	108-1	4	4	0	3	86.60	cps
Calcium	43-1	1342	1258	1250	1283	3.95	cps
Calcium	44-1	37465	38610	37791	37955	1.55	cps
Chromium	52-2	520	560	523	534	4.15	cps
Cobalt	59-2	33	63	43	47	32.74	cps
Copper	63-2	1400	1407	1507	1438	4.16	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	42	25	17	28	45.82	cps
Erbium	164-2	13	3	17	11	62.48	cps
Gadolinium	160-1	42	25	33	33	25.01	cps
Gadolinium	160-2	40	57	47	48	17.56	cps
Holmium	165-1	5852745	5901023	5755856	5836541	1.27	cps
Holmium	165-2	2937073	2917718	2950437	2935076	0.56	cps
Indium	115-1	5207829	5116280	5155011	5159706	0.89	cps
Indium	115-2	944697	931581	932583	936287	0.78	cps
Iron	56-2	34174	34079	35679	34644	2.59	cps
Iron	57-2	839	839	917	865	5.19	cps
Lead	206-1	461	544	522	509	8.47	cps
Lead	207-1	389	522	444	452	14.82	cps
Lead	208-1	1933	2267	1961	2054	9.01	cps
Lithium	6-1	1709645	1680417	1674749	1688270	1.11	cps
Magnesium	24-2	1608	1533	1383	1508	7.60	cps
Manganese	55-2	363	400	423	396	7.65	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-10	Instrumnet Name :	P7
Client Sample ID :	MH0QE5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:23:32	DataFile Name :	066SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	108	208	125	147	36.39	cps
Molybdenum	95-1	17	33	58	36	58.08	cps
Molybdenum	96-1	67	108	92	89	23.59	cps
Molybdenum	97-1	75	33	50	53	39.74	cps
Molybdenum	98-1	58	75	42	58	28.57	cps
Neodymium	150-1	7	7	33	16	98.94	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	1850	1640	1823	1771	6.46	cps
Phosphorus	31-2	50	83	42	58	37.80	cps
Potassium	39-2	18495	18687	18545	18576	0.54	cps
Rhodium	103-1	5126697	5022812	5086933	5078814	1.03	cps
Rhodium	103-2	2311479	2297498	2297577	2302185	0.35	cps
Scandium	45-1	4121991	4066050	4074564	4087535	0.74	cps
Scandium	45-2	174262	169862	170021	171382	1.46	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	31	35	33	33	5.57	cps
Selenium	82-1	57	40	51	49	16.88	cps
Silicon	28-1	295957	305762	293677	298465	2.15	cps
Silver	109-1	25	33	17	25	33.32	cps
Silver	107-1	33	58	50	47	26.97	cps
Sodium	23-2	34582	34749	34983	34772	0.58	cps
Strontium	86-1	958	967	892	939	4.38	cps
Strontium	88-1	5985	5143	5460	5529	7.69	cps
Sulfur	34-1	310370	311882	305874	309375	1.01	cps
Terbium	159-1	6289672	6224595	6231367	6248545	0.57	cps
Terbium	159-2	2989880	2880550	2913374	2927935	1.92	cps
Thallium	203-1	25	42	25	31	31.50	cps
Thallium	205-1	67	117	67	83	34.64	cps
Tin	118-1	175	258	225	219	19.11	cps
Titanium	47-1	67	150	83	100	44.10	cps
Uranium	238-1	50	50	25	42	34.64	cps
Vanadium	51-2	17	37	17	23	49.48	cps
Yttrium	89-1	5991516	5957632	5943060	5964069	0.42	cps
Yttrium	89-2	826862	810229	811341	816144	1.14	cps
Zinc	66-2	150	227	160	179	23.30	cps
Zirconium	90-1	367	325	475	389	19.91	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-10	Instrumnet Name :	P7
Client Sample ID :	MH0QE5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:23:32	DataFile Name :	066SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	58	100	94	35.66	cps

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : I6190-11 Instrumnet Name : P7
 Client Sample ID : MH0QE6 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-28 21:26:59 DataFile Name : 067SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	192	158	178	9.76	cps
Antimony	121-1	83	100	42	75	40.06	cps
Arsenic	75-2	4	4	9	6	57.80	cps
Barium	135-1	200	250	175	208	18.33	cps
Barium	137-1	408	342	308	353	14.43	cps
Beryllium	9-1	61	39	28	43	39.84	cps
Bismuth	209-1	2997483	3036076	3161435	3064998	2.80	cps
Bismuth	209-2	1982692	1990075	1994042	1988937	0.29	cps
Boron	10-1	175	175	175	175	0.00	cps
Boron	11-1	667	558	642	622	9.12	cps
Cadmium	111-1	1004	906	1003	971	5.85	cps
Cadmium	106-1	1425	1292	1442	1386	5.93	cps
Cadmium	108-1	8	4	8	7	34.59	cps
Calcium	43-1	1150	1275	1425	1283	10.73	cps
Calcium	44-1	38318	38058	38886	38420	1.10	cps
Chromium	52-2	587	570	610	589	3.41	cps
Cobalt	59-2	90	67	47	68	32.00	cps
Copper	63-2	1603	1647	1747	1666	4.41	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	7	10	6	91.64	cps
Erbium	164-1	33	42	8	28	62.46	cps
Erbium	164-2	7	17	10	11	45.82	cps
Gadolinium	160-1	25	8	25	19	49.50	cps
Gadolinium	160-2	20	30	33	28	24.98	cps
Holmium	165-1	5770069	5895274	5865022	5843455	1.12	cps
Holmium	165-2	2893702	2877440	2889557	2886900	0.29	cps
Indium	115-1	5173393	5036269	5157967	5122543	1.47	cps
Indium	115-2	926979	927206	935251	929812	0.51	cps
Iron	56-2	45103	45527	44579	45070	1.05	cps
Iron	57-2	1145	1278	1095	1172	8.08	cps
Lead	206-1	539	489	456	494	8.48	cps
Lead	207-1	556	500	444	500	11.11	cps
Lead	208-1	2306	2067	2017	2130	7.25	cps
Lithium	6-1	1693780	1682698	1675215	1683898	0.55	cps
Magnesium	24-2	1575	1508	1392	1492	6.22	cps
Manganese	55-2	277	310	267	284	7.98	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-11	Instrumnet Name :	P7
Client Sample ID :	MH0QE6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:26:59	DataFile Name :	067SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	175	167	133	158	13.92	cps
Molybdenum	95-1	50	83	92	75	29.40	cps
Molybdenum	96-1	133	100	83	106	24.12	cps
Molybdenum	97-1	50	42	50	47	10.18	cps
Molybdenum	98-1	133	92	133	119	20.14	cps
Neodymium	150-1	33	20	13	22	45.83	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	3981	4064	3997	4014	1.10	cps
Phosphorus	31-2	58	58	33	50	28.88	cps
Potassium	39-2	18337	18520	18028	18295	1.36	cps
Rhodium	103-1	5111616	5080848	5175598	5122687	0.94	cps
Rhodium	103-2	2275127	2281108	2296259	2284165	0.48	cps
Scandium	45-1	3990348	4028182	4098377	4038969	1.36	cps
Scandium	45-2	171102	167178	169714	169331	1.17	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	44	22	39	35	32.87	cps
Selenium	82-1	77	99	61	79	24.28	cps
Silicon	28-1	291743	322266	297066	303692	5.37	cps
Silver	109-1	17	50	33	33	50.00	cps
Silver	107-1	83	42	83	69	34.64	cps
Sodium	23-2	26432	25906	26240	26193	1.02	cps
Strontium	86-1	883	1008	925	939	6.78	cps
Strontium	88-1	4693	4834	5235	4921	5.71	cps
Sulfur	34-1	309810	309770	309122	309567	0.12	cps
Terbium	159-1	6234615	6225430	6154793	6204946	0.70	cps
Terbium	159-2	2913440	2915514	2893382	2907445	0.42	cps
Thallium	203-1	42	42	33	39	12.38	cps
Thallium	205-1	92	67	67	75	19.24	cps
Tin	118-1	350	375	542	422	24.68	cps
Titanium	47-1	167	125	133	142	15.56	cps
Uranium	238-1	33	25	17	25	33.32	cps
Vanadium	51-2	10	13	23	16	44.60	cps
Yttrium	89-1	5895988	5986710	6000923	5961207	0.95	cps
Yttrium	89-2	806059	813649	815496	811735	0.62	cps
Zinc	66-2	353	373	323	350	7.19	cps
Zirconium	90-1	275	458	350	361	25.52	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-11	Instrumnet Name :	P7
Client Sample ID :	MH0QE6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:26:59	DataFile Name :	067SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	83	108	106	19.87	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-12	Instrumnet Name :	P7
Client Sample ID :	MH0QE7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:30:25	DataFile Name :	068SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208	183	200	197	6.46	cps
Antimony	121-1	42	83	42	56	43.30	cps
Arsenic	75-2	6	6	2	4	49.54	cps
Barium	135-1	333	300	342	325	6.78	cps
Barium	137-1	542	583	575	567	3.89	cps
Beryllium	9-1	44	56	61	54	15.80	cps
Bismuth	209-1	3061880	3081876	3015678	3053145	1.11	cps
Bismuth	209-2	2012455	2001559	1942107	1985374	1.91	cps
Boron	10-1	125	92	142	119	21.31	cps
Boron	11-1	575	608	533	572	6.57	cps
Cadmium	111-1	1047	917	1025	996	6.98	cps
Cadmium	106-1	1500	1317	1459	1425	6.74	cps
Cadmium	108-1	4	13	0	6	114.53	cps
Calcium	43-1	1692	1567	1742	1667	5.41	cps
Calcium	44-1	43866	44359	42704	43643	1.95	cps
Chromium	52-2	683	700	713	699	2.15	cps
Cobalt	59-2	87	53	67	69	24.36	cps
Copper	63-2	1527	1507	1580	1538	2.47	cps
Dysprosium	156-1	33	0	25	19	89.21	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	75	42	25	47	53.91	cps
Erbium	164-2	20	13	13	16	24.76	cps
Gadolinium	160-1	42	42	42	42	0.00	cps
Gadolinium	160-2	20	33	33	29	26.64	cps
Holmium	165-1	6012231	5959255	5811020	5927502	1.76	cps
Holmium	165-2	2939318	2892958	2840387	2890888	1.71	cps
Indium	115-1	5213814	5142620	5094026	5150153	1.17	cps
Indium	115-2	938604	922460	917987	926350	1.17	cps
Iron	56-2	134484	136530	137124	136046	1.02	cps
Iron	57-2	3656	3584	3484	3575	2.42	cps
Lead	206-1	606	606	600	604	0.53	cps
Lead	207-1	539	500	394	478	15.64	cps
Lead	208-1	2245	2083	2083	2137	4.35	cps
Lithium	6-1	1702015	1687135	1651373	1680174	1.55	cps
Magnesium	24-2	1517	1575	1400	1497	5.95	cps
Manganese	55-2	1087	1157	1117	1120	3.14	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-12	Instrumnet Name :	P7
Client Sample ID :	MH0QE7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:30:25	DataFile Name :	068SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	167	192	125	161	20.90	cps
Molybdenum	95-1	50	58	58	56	8.67	cps
Molybdenum	96-1	83	100	75	86	14.78	cps
Molybdenum	97-1	33	67	17	39	65.47	cps
Molybdenum	98-1	117	108	58	94	33.40	cps
Neodymium	150-1	20	33	33	29	26.65	cps
Neodymium	150-2	0	17	10	9	94.38	cps
Nickel	60-2	11938	11915	12199	12017	1.31	cps
Phosphorus	31-2	33	100	58	64	52.72	cps
Potassium	39-2	18345	18679	19363	18796	2.76	cps
Rhodium	103-1	5210213	5116506	5068704	5131808	1.40	cps
Rhodium	103-2	2296342	2269795	2253340	2273159	0.95	cps
Scandium	45-1	4149991	4115045	4099956	4121664	0.62	cps
Scandium	45-2	172313	168908	167057	169426	1.57	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	48	39	52	46	14.42	cps
Selenium	82-1	62	88	84	78	18.05	cps
Silicon	28-1	291183	292294	297038	293505	1.06	cps
Silver	109-1	25	25	58	36	53.30	cps
Silver	107-1	42	33	25	33	25.01	cps
Sodium	23-2	25439	24588	25531	25186	2.07	cps
Strontium	86-1	917	950	908	925	2.38	cps
Strontium	88-1	4659	4309	4659	4543	4.45	cps
Sulfur	34-1	310021	309450	312378	310616	0.50	cps
Terbium	159-1	6293781	6298246	6204376	6265468	0.85	cps
Terbium	159-2	2899905	2873508	2847537	2873650	0.91	cps
Thallium	203-1	0	8	42	17	132.30	cps
Thallium	205-1	67	67	92	75	19.24	cps
Tin	118-1	283	242	208	244	15.37	cps
Titanium	47-1	125	142	133	133	6.25	cps
Uranium	238-1	17	0	25	14	91.65	cps
Vanadium	51-2	23	40	27	30	29.40	cps
Yttrium	89-1	6133368	6118192	6079304	6110288	0.46	cps
Yttrium	89-2	815860	803644	801564	807023	0.96	cps
Zinc	66-2	333	317	243	298	16.08	cps
Zirconium	90-1	333	417	325	358	14.15	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-12	Instrumnet Name :	P7
Client Sample ID :	MH0QE7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:30:25	DataFile Name :	068SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	50	33	108	64	61.65	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-13	Instrumnet Name :	P7
Client Sample ID :	MH0QE8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:33:51	DataFile Name :	069SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	158	75	131	36.85	cps
Antimony	121-1	50	58	58	56	8.67	cps
Arsenic	75-2	0	2	4	2	100.00	cps
Barium	135-1	133	92	158	128	26.36	cps
Barium	137-1	183	142	167	164	12.79	cps
Beryllium	9-1	67	61	33	54	33.26	cps
Bismuth	209-1	3043422	2966092	2984827	2998114	1.35	cps
Bismuth	209-2	2007620	1942327	2007931	1985959	1.90	cps
Boron	10-1	100	142	142	128	18.83	cps
Boron	11-1	542	492	483	506	6.24	cps
Cadmium	111-1	1114	1021	828	988	14.75	cps
Cadmium	106-1	1592	1450	1183	1408	14.72	cps
Cadmium	108-1	0	4	0	1	173.21	cps
Calcium	43-1	675	808	692	725	10.02	cps
Calcium	44-1	30683	28211	29756	29550	4.23	cps
Chromium	52-2	480	477	623	527	15.90	cps
Cobalt	59-2	47	37	53	46	18.41	cps
Copper	63-2	1497	1370	1410	1426	4.54	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	8	17	33	19	65.47	cps
Erbium	164-2	3	10	13	9	57.30	cps
Gadolinium	160-1	17	25	33	25	33.32	cps
Gadolinium	160-2	30	50	20	33	45.83	cps
Holmium	165-1	5858794	5810368	5811010	5826724	0.48	cps
Holmium	165-2	2924633	2858270	2890604	2891169	1.15	cps
Indium	115-1	5197437	5061226	5136285	5131650	1.33	cps
Indium	115-2	930357	907186	933647	923730	1.56	cps
Iron	56-2	11933	11177	11605	11572	3.28	cps
Iron	57-2	389	433	350	391	10.67	cps
Lead	206-1	439	333	622	465	31.45	cps
Lead	207-1	350	350	367	356	2.71	cps
Lead	208-1	1661	1478	1850	1663	11.19	cps
Lithium	6-1	1673494	1644500	1661198	1659731	0.88	cps
Magnesium	24-2	1000	1008	975	995	1.74	cps
Manganese	55-2	237	193	177	202	15.32	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-13	Instrumnet Name :	P7
Client Sample ID :	MH0QE8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:33:51	DataFile Name :	069SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	208	75	133	139	48.13	cps
Molybdenum	95-1	42	42	50	44	10.82	cps
Molybdenum	96-1	58	75	58	64	15.05	cps
Molybdenum	97-1	42	50	33	42	20.00	cps
Molybdenum	98-1	33	33	83	50	57.75	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	1407	1583	1520	1503	5.95	cps
Phosphorus	31-2	58	83	58	67	21.65	cps
Potassium	39-2	18546	18888	18395	18610	1.36	cps
Rhodium	103-1	5103848	5066356	5137303	5102502	0.70	cps
Rhodium	103-2	2285157	2236476	2296356	2272663	1.40	cps
Scandium	45-1	4095020	4023561	4037310	4051964	0.94	cps
Scandium	45-2	169747	164368	170229	168115	1.94	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	41	54	46	47	13.86	cps
Selenium	82-1	38	67	65	57	28.37	cps
Silicon	28-1	281714	286698	280142	282851	1.21	cps
Silver	109-1	17	25	17	19	24.73	cps
Silver	107-1	83	83	75	81	5.98	cps
Sodium	23-2	23060	23177	23544	23260	1.09	cps
Strontium	86-1	667	608	550	608	9.59	cps
Strontium	88-1	2642	2500	2509	2550	3.12	cps
Sulfur	34-1	314712	313154	318690	315519	0.90	cps
Terbium	159-1	6210770	6053103	6196121	6153331	1.42	cps
Terbium	159-2	2895290	2854815	2911823	2887309	1.02	cps
Thallium	203-1	58	83	50	64	27.15	cps
Thallium	205-1	117	75	83	92	24.05	cps
Tin	118-1	192	200	258	217	16.76	cps
Titanium	47-1	133	125	167	142	15.56	cps
Uranium	238-1	17	8	50	25	88.19	cps
Vanadium	51-2	17	7	10	11	45.82	cps
Yttrium	89-1	6060967	5883996	6149552	6031505	2.24	cps
Yttrium	89-2	814498	789587	809540	804542	1.64	cps
Zinc	66-2	207	173	190	190	8.77	cps
Zirconium	90-1	433	350	417	400	11.02	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-13	Instrumnet Name :	P7
Client Sample ID :	MH0QE8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:33:51	DataFile Name :	069SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	117	58	89	32.92	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-14	Instrumnet Name :	P7
Client Sample ID :	MH0QE9	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:37:18	DataFile Name :	070SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	658	675	833	722	13.38	cps
Antimony	121-1	108	117	100	108	7.69	cps
Arsenic	75-2	4	6	7	6	33.38	cps
Barium	135-1	1575	1692	1517	1595	5.59	cps
Barium	137-1	2475	2534	2559	2523	1.70	cps
Beryllium	9-1	78	33	28	46	59.20	cps
Bismuth	209-1	3035308	3119078	3001304	3051897	1.99	cps
Bismuth	209-2	2015304	2026238	2005422	2015655	0.52	cps
Boron	10-1	133	100	142	125	17.64	cps
Boron	11-1	600	592	617	603	2.11	cps
Cadmium	111-1	1006	1031	1027	1021	1.32	cps
Cadmium	106-1	1425	1467	1442	1445	1.45	cps
Cadmium	108-1	0	0	4	1	173.21	cps
Calcium	43-1	3684	3476	3959	3706	6.54	cps
Calcium	44-1	74564	74471	71900	73645	2.05	cps
Chromium	52-2	647	673	683	668	2.84	cps
Cobalt	59-2	83	117	80	93	21.72	cps
Copper	63-2	1753	1753	1793	1767	1.31	cps
Dysprosium	156-1	50	92	58	67	33.07	cps
Dysprosium	156-2	27	40	27	31	24.74	cps
Erbium	164-1	75	50	67	64	19.92	cps
Erbium	164-2	47	37	27	37	27.27	cps
Gadolinium	160-1	117	108	83	103	16.88	cps
Gadolinium	160-2	43	47	73	54	30.21	cps
Holmium	165-1	5843366	5955057	5730580	5843001	1.92	cps
Holmium	165-2	2956979	2942763	2872915	2924219	1.54	cps
Indium	115-1	5118197	5215490	5065878	5133188	1.48	cps
Indium	115-2	930024	935563	929283	931623	0.37	cps
Iron	56-2	167219	169288	168237	168248	0.61	cps
Iron	57-2	4367	4256	4295	4306	1.31	cps
Lead	206-1	2006	1839	2045	1963	5.56	cps
Lead	207-1	1689	1717	1795	1733	3.16	cps
Lead	208-1	8068	7751	8235	8018	3.06	cps
Lithium	6-1	1659196	1670067	1637955	1655739	0.99	cps
Magnesium	24-2	2642	2559	2734	2645	3.31	cps
Manganese	55-2	2260	2164	2190	2205	2.27	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-14	Instrumnet Name :	P7
Client Sample ID :	MH0QE9	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:37:18	DataFile Name :	070SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	200	217	150	189	18.37	cps
Molybdenum	95-1	83	67	75	75	11.11	cps
Molybdenum	96-1	125	92	75	97	26.19	cps
Molybdenum	97-1	83	58	67	69	18.33	cps
Molybdenum	98-1	100	108	142	117	18.89	cps
Neodymium	150-1	107	87	67	87	23.08	cps
Neodymium	150-2	37	40	37	38	5.09	cps
Nickel	60-2	8166	8323	8339	8276	1.16	cps
Phosphorus	31-2	58	75	83	72	17.62	cps
Potassium	39-2	18637	19497	19756	19297	3.03	cps
Rhodium	103-1	5100695	5152571	5102334	5118533	0.58	cps
Rhodium	103-2	2288607	2319291	2274623	2294174	1.00	cps
Scandium	45-1	4103566	4150825	4019375	4091255	1.63	cps
Scandium	45-2	170419	173209	169755	171128	1.07	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	30	17	46	31	48.12	cps
Selenium	82-1	53	51	70	58	18.08	cps
Silicon	28-1	373848	363448	352305	363200	2.97	cps
Silver	109-1	25	33	25	28	17.31	cps
Silver	107-1	42	50	33	42	20.00	cps
Sodium	23-2	24329	24980	24913	24741	1.45	cps
Strontium	86-1	1675	1608	1342	1542	11.44	cps
Strontium	88-1	9470	9545	9203	9406	1.91	cps
Sulfur	34-1	314887	318658	315406	316317	0.65	cps
Terbium	159-1	6215878	6313071	6086649	6205199	1.83	cps
Terbium	159-2	2937917	2926407	2920575	2928300	0.30	cps
Thallium	203-1	67	25	42	44	47.19	cps
Thallium	205-1	75	108	83	89	19.52	cps
Tin	118-1	333	250	392	325	21.91	cps
Titanium	47-1	267	300	275	281	6.18	cps
Uranium	238-1	100	67	58	75	29.39	cps
Vanadium	51-2	70	67	73	70	4.76	cps
Yttrium	89-1	6090621	6123823	6010069	6074838	0.96	cps
Yttrium	89-2	813659	818834	810590	814361	0.51	cps
Zinc	66-2	630	597	553	593	6.48	cps
Zirconium	90-1	283	358	408	350	17.98	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-14	Instrumnet Name :	P7
Client Sample ID :	MH0QE9	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:37:18	DataFile Name :	070SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	100	67	81	21.53	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-15	Instrumnet Name :	P7
Client Sample ID :	MH0QF0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:40:44	DataFile Name :	071SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	150	175	158	9.12	cps
Antimony	121-1	33	83	67	61	41.67	cps
Arsenic	75-2	4	0	2	2	100.00	cps
Barium	135-1	150	158	117	142	15.56	cps
Barium	137-1	200	192	283	225	22.53	cps
Beryllium	9-1	33	33	39	35	9.12	cps
Bismuth	209-1	3088894	3122042	2958417	3056451	2.83	cps
Bismuth	209-2	2064051	2012299	1980725	2019025	2.08	cps
Boron	10-1	75	142	133	117	31.14	cps
Boron	11-1	508	408	525	481	13.13	cps
Cadmium	111-1	1106	1141	1169	1138	2.80	cps
Cadmium	106-1	1583	1634	1659	1625	2.35	cps
Cadmium	108-1	4	4	0	3	86.60	cps
Calcium	43-1	1267	1208	1242	1239	2.36	cps
Calcium	44-1	35017	36596	34950	35521	2.62	cps
Chromium	52-2	550	547	540	546	0.93	cps
Cobalt	59-2	53	47	27	42	32.86	cps
Copper	63-2	1353	1373	1440	1389	3.27	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	0	10	7	6	91.64	cps
Erbium	164-1	42	0	8	17	132.30	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	42	33	25	33	25.01	cps
Gadolinium	160-2	27	43	40	37	24.04	cps
Holmium	165-1	5919387	5915179	5793998	5876188	1.21	cps
Holmium	165-2	2969075	2925978	2897453	2930836	1.23	cps
Indium	115-1	5163312	5238507	5076537	5159452	1.57	cps
Indium	115-2	958887	934460	922395	938580	1.98	cps
Iron	56-2	13329	12923	12634	12962	2.70	cps
Iron	57-2	389	367	372	376	3.08	cps
Lead	206-1	283	233	261	259	9.66	cps
Lead	207-1	289	267	294	283	5.19	cps
Lead	208-1	1250	1061	1206	1172	8.43	cps
Lithium	6-1	1688782	1661009	1637026	1662272	1.56	cps
Magnesium	24-2	1092	1067	1092	1083	1.33	cps
Manganese	55-2	203	150	153	169	17.69	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-15	Instrumnet Name :	P7
Client Sample ID :	MH0QF0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:40:44	DataFile Name :	071SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	133	125	117	125	6.67	cps
Molybdenum	95-1	67	50	33	50	33.34	cps
Molybdenum	96-1	67	100	83	83	20.00	cps
Molybdenum	97-1	33	50	42	42	20.00	cps
Molybdenum	98-1	117	58	92	89	32.92	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	993	853	873	907	8.35	cps
Phosphorus	31-2	67	25	42	44	47.19	cps
Potassium	39-2	18412	18262	17836	18170	1.64	cps
Rhodium	103-1	5163471	5219825	5067801	5150366	1.49	cps
Rhodium	103-2	2325693	2290726	2258739	2291719	1.46	cps
Scandium	45-1	4099544	4139209	3988265	4075672	1.92	cps
Scandium	45-2	174623	171862	170587	172357	1.20	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	46	44	52	48	8.10	cps
Selenium	82-1	94	105	104	101	6.00	cps
Silicon	28-1	272863	270232	270920	271338	0.50	cps
Silver	109-1	17	42	33	31	41.66	cps
Silver	107-1	92	42	42	58	49.48	cps
Sodium	23-2	21925	22175	20940	21680	3.01	cps
Strontium	86-1	683	742	833	753	10.04	cps
Strontium	88-1	3242	3359	3476	3359	3.47	cps
Sulfur	34-1	317663	312653	314695	315004	0.80	cps
Terbium	159-1	6329815	6319083	6094107	6247668	2.13	cps
Terbium	159-2	3005927	2937912	2895400	2946413	1.89	cps
Thallium	203-1	42	42	25	36	26.65	cps
Thallium	205-1	25	125	50	67	78.07	cps
Tin	118-1	208	208	192	203	4.74	cps
Titanium	47-1	92	108	25	75	58.80	cps
Uranium	238-1	17	75	42	44	65.84	cps
Vanadium	51-2	20	20	3	14	66.64	cps
Yttrium	89-1	6056742	6087437	5975947	6040042	0.95	cps
Yttrium	89-2	830766	815987	797414	814723	2.05	cps
Zinc	66-2	170	147	167	161	7.83	cps
Zirconium	90-1	242	342	333	306	18.16	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-15	Instrumnet Name :	P7
Client Sample ID :	MH0QF0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:40:44	DataFile Name :	071SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	58	75	67	12.49	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-16	Instrumnet Name :	P7
Client Sample ID :	MH0QF1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:44:11	DataFile Name :	072SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	58	92	94	39.79	cps
Antimony	121-1	83	92	50	75	29.40	cps
Arsenic	75-2	2	4	0	2	100.00	cps
Barium	135-1	958	1083	1108	1050	7.65	cps
Barium	137-1	1709	1825	1742	1759	3.42	cps
Beryllium	9-1	72	28	67	56	43.59	cps
Bismuth	209-1	3214584	3099869	3097044	3137165	2.14	cps
Bismuth	209-2	2113965	1996313	2000110	2036796	3.28	cps
Boron	10-1	267	308	192	256	23.13	cps
Boron	11-1	1300	1433	1475	1403	6.52	cps
Cadmium	111-1	1169	1095	986	1084	8.49	cps
Cadmium	106-1	1667	1558	1383	1536	9.31	cps
Cadmium	108-1	8	0	4	4	99.96	cps
Calcium	43-1	1450	1300	1567	1439	9.29	cps
Calcium	44-1	42387	41977	41526	41963	1.03	cps
Chromium	52-2	567	547	447	520	12.36	cps
Cobalt	59-2	43	53	63	53	18.75	cps
Copper	63-2	1477	1477	1457	1470	0.79	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	0	17	11	86.60	cps
Erbium	164-2	7	7	30	14	93.24	cps
Gadolinium	160-1	25	8	17	17	50.01	cps
Gadolinium	160-2	43	27	37	36	23.58	cps
Holmium	165-1	5945551	5984625	5951301	5960492	0.35	cps
Holmium	165-2	3005000	2893398	2904852	2934417	2.09	cps
Indium	115-1	5226394	5257397	5165085	5216292	0.90	cps
Indium	115-2	958524	925047	930781	938117	1.91	cps
Iron	56-2	4523	4456	5018	4666	6.57	cps
Iron	57-2	128	200	117	148	30.54	cps
Lead	206-1	294	328	250	291	13.42	cps
Lead	207-1	267	222	189	226	17.27	cps
Lead	208-1	1239	1150	989	1126	11.26	cps
Lithium	6-1	1712629	1689613	1676158	1692800	1.09	cps
Magnesium	24-2	2125	1975	2134	2078	4.29	cps
Manganese	55-2	460	513	467	480	6.05	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-16	Instrumnet Name :	P7
Client Sample ID :	MH0QF1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:44:11	DataFile Name :	072SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	208	200	142	183	19.81	cps
Molybdenum	95-1	92	100	50	81	33.25	cps
Molybdenum	96-1	67	100	142	103	36.56	cps
Molybdenum	97-1	67	92	108	89	23.59	cps
Molybdenum	98-1	217	142	100	153	38.70	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	773	803	820	799	2.96	cps
Phosphorus	31-2	42	50	25	39	32.73	cps
Potassium	39-2	18537	18479	18020	18345	1.54	cps
Rhodium	103-1	5157969	5193206	5208076	5186417	0.50	cps
Rhodium	103-2	2346267	2282276	2299203	2309249	1.44	cps
Scandium	45-1	4167730	4154133	4112611	4144825	0.69	cps
Scandium	45-2	177366	170601	165291	171086	3.54	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	31	31	41	35	15.47	cps
Selenium	82-1	41	97	65	68	41.25	cps
Silicon	28-1	278993	277208	280237	278813	0.55	cps
Silver	109-1	33	17	8	19	65.47	cps
Silver	107-1	58	83	17	53	63.81	cps
Sodium	23-2	38400	38216	37473	38030	1.29	cps
Strontium	86-1	1692	1383	1408	1495	11.46	cps
Strontium	88-1	11046	10838	10304	10729	3.57	cps
Sulfur	34-1	310675	313041	312148	311955	0.38	cps
Terbium	159-1	6269064	6328454	6270596	6289371	0.54	cps
Terbium	159-2	3020154	2928256	2869417	2939276	2.58	cps
Thallium	203-1	67	33	33	44	43.31	cps
Thallium	205-1	33	92	92	72	46.63	cps
Tin	118-1	3938	158	158	1418	153.87	cps
Titanium	47-1	75	75	67	72	6.66	cps
Uranium	238-1	33	25	33	31	15.74	cps
Vanadium	51-2	7	10	3	7	50.03	cps
Yttrium	89-1	6114223	6122627	6087968	6108273	0.30	cps
Yttrium	89-2	830569	803932	807832	814111	1.77	cps
Zinc	66-2	333	297	303	311	6.28	cps
Zirconium	90-1	242	383	467	364	31.26	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6190-16	Instrumnet Name :	P7
Client Sample ID :	MH0QF1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:44:11	DataFile Name :	072SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	58	67	58	61	7.87	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:47:38	DataFile Name :	073CCV_P7102817 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1962811	1988625	2004715	1985384	1.06	cps
Antimony	121-1	1864908	1878074	1884241	1875741	0.53	cps
Arsenic	75-2	76059	76163	78184	76802	1.56	cps
Barium	135-1	1990316	1985888	1993756	1989987	0.20	cps
Barium	137-1	3405322	3434213	3421528	3420355	0.42	cps
Beryllium	9-1	480245	477421	477451	478373	0.34	cps
Bismuth	209-1	2601532	2590302	2688583	2626806	2.05	cps
Bismuth	209-2	1810984	1830180	1829036	1823400	0.59	cps
Boron	10-1	62062	61936	63259	62419	1.17	cps
Boron	11-1	300384	306530	307168	304694	1.23	cps
Cadmium	111-1	418510	422391	419091	419998	0.50	cps
Cadmium	106-1	46243	47255	48851	47450	2.77	cps
Cadmium	108-1	30733	30658	30746	30713	0.15	cps
Calcium	43-1	3322270	3300666	3323657	3315531	0.39	cps
Calcium	44-1	52593392	52834336	52592585	52673437	0.26	cps
Chromium	52-2	628376	625051	635624	629683	0.86	cps
Cobalt	59-2	927545	943860	946853	939419	1.11	cps
Copper	63-2	1240870	1276281	1277127	1264759	1.64	cps
Dysprosium	156-1	50	33	83	56	45.83	cps
Dysprosium	156-2	20	33	30	28	24.98	cps
Erbium	164-1	17	25	25	22	21.64	cps
Erbium	164-2	7	33	7	16	98.94	cps
Gadolinium	160-1	58	58	42	53	18.23	cps
Gadolinium	160-2	63	30	50	48	35.11	cps
Holmium	165-1	5352694	5014028	5296556	5221093	3.48	cps
Holmium	165-2	2842453	2731534	2649989	2741325	3.52	cps
Indium	115-1	4423809	4238337	4377966	4346704	2.22	cps
Indium	115-2	869955	877187	869309	872150	0.50	cps
Iron	56-2	110599416	111239422	110991414	110943417	0.29	cps
Iron	57-2	2840048	2871679	2868343	2860023	0.61	cps
Lead	206-1	1042772	1036754	1038927	1039484	0.29	cps
Lead	207-1	927428	934446	935546	932473	0.47	cps
Lead	208-1	4132483	4137983	4156486	4142317	0.30	cps
Lithium	6-1	1499739	1425813	1475929	1467160	2.57	cps
Magnesium	24-2	24015640	24122462	24264118	24134073	0.52	cps
Manganese	55-2	672878	673090	685807	677258	1.09	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:47:38	DataFile Name :	073CCV_P7102817 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1835865	1843477	1831515	1836952	0.33	cps
Molybdenum	95-1	1004329	1002744	999525	1002199	0.24	cps
Molybdenum	96-1	1278363	1275089	1264482	1272645	0.57	cps
Molybdenum	97-1	622118	623537	622882	622846	0.11	cps
Molybdenum	98-1	1569676	1584199	1582053	1578642	0.50	cps
Neodymium	150-1	113	153	107	124	20.28	cps
Neodymium	150-2	17	37	20	24	43.83	cps
Nickel	60-2	239336	243953	244764	242684	1.21	cps
Phosphorus	31-2	24245	24237	24930	24471	1.62	cps
Potassium	39-2	10770860	10673894	10901058	10781937	1.06	cps
Rhodium	103-1	4313952	4112807	4286004	4237588	2.57	cps
Rhodium	103-2	2038864	2072126	2049295	2053428	0.83	cps
Scandium	45-1	3716098	3526674	3680100	3640958	2.76	cps
Scandium	45-2	161981	164128	162648	162919	0.67	cps
Selenium	77-2	1317	1467	1397	1393	5.39	cps
Selenium	78-2	4727	4799	4830	4785	1.11	cps
Selenium	82-1	32140	32120	32309	32190	0.32	cps
Silicon	28-1	1781436	1791626	1795480	1789514	0.41	cps
Silver	109-1	1881059	1906500	1889998	1892519	0.68	cps
Silver	107-1	1966392	1979846	1986690	1977643	0.52	cps
Sodium	23-2	46908420	46649193	46873385	46810333	0.30	cps
Strontium	86-1	630310	623318	619171	624267	0.90	cps
Strontium	88-1	5436008	5457784	5319546	5404446	1.38	cps
Sulfur	34-1	527629	525879	521404	524971	0.61	cps
Terbium	159-1	5592823	5354054	5569233	5505370	2.39	cps
Terbium	159-2	2730694	2872865	2849271	2817610	2.70	cps
Thallium	203-1	1238843	1259347	1252873	1250354	0.84	cps
Thallium	205-1	2947226	2930271	2923226	2933574	0.42	cps
Tin	118-1	1391906	1387632	1391997	1390512	0.18	cps
Titanium	47-1	326069	327814	324645	326176	0.49	cps
Uranium	238-1	4299266	4335705	4341210	4325394	0.53	cps
Vanadium	51-2	538861	541683	543763	541436	0.45	cps
Yttrium	89-1	5465775	5199505	5339397	5334892	2.50	cps
Yttrium	89-2	772900	786325	780399	779875	0.86	cps
Zinc	66-2	179165	181392	182941	181166	1.05	cps
Zirconium	90-1	3566115	3566063	3538711	3556963	0.44	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:47:38	DataFile Name :	073CCV_P7102817 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	801570	802570	787911	797350	1.03	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:51:05	DataFile Name :	074CCBE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	50	58	50	16.67	cps
Antimony	121-1	5860	5310	5126	5432	7.03	cps
Arsenic	75-2	9	31	11	17	71.34	cps
Barium	135-1	50	50	33	44	21.64	cps
Barium	137-1	58	108	92	86	29.56	cps
Beryllium	9-1	206	178	172	185	9.64	cps
Bismuth	209-1	2773690	2803224	2785550	2787488	0.53	cps
Bismuth	209-2	1913729	1913927	1909164	1912273	0.14	cps
Boron	10-1	1959	1884	1600	1814	10.42	cps
Boron	11-1	9070	8178	7219	8155	11.35	cps
Cadmium	111-1	1016	955	936	969	4.29	cps
Cadmium	106-1	1425	1350	1333	1370	3.57	cps
Cadmium	108-1	4	4	8	6	43.22	cps
Calcium	43-1	242	283	325	283	14.71	cps
Calcium	44-1	22351	21658	21558	21856	1.98	cps
Chromium	52-2	847	733	843	808	7.98	cps
Cobalt	59-2	83	70	73	76	9.19	cps
Copper	63-2	1210	1220	1460	1297	10.92	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	17	8	0	8	100.02	cps
Erbium	164-2	13	3	10	9	57.30	cps
Gadolinium	160-1	17	17	17	17	0.00	cps
Gadolinium	160-2	20	57	40	39	47.21	cps
Holmium	165-1	5406906	5323789	5456868	5395854	1.25	cps
Holmium	165-2	2729917	2791302	2740065	2753761	1.19	cps
Indium	115-1	4720083	4726390	4821085	4755853	1.19	cps
Indium	115-2	895234	894305	903209	897583	0.55	cps
Iron	56-2	5546	5018	5257	5273	5.01	cps
Iron	57-2	250	200	200	217	13.32	cps
Lead	206-1	389	394	372	385	3.00	cps
Lead	207-1	433	306	339	359	18.45	cps
Lead	208-1	1672	1589	1522	1595	4.71	cps
Lithium	6-1	1553815	1542436	1551939	1549397	0.39	cps
Magnesium	24-2	575	633	525	578	9.38	cps
Manganese	55-2	57	67	47	57	17.65	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:51:05	DataFile Name :	074CCBE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1008	967	842	939	9.24	cps
Molybdenum	95-1	625	658	683	656	4.46	cps
Molybdenum	96-1	933	900	775	870	9.60	cps
Molybdenum	97-1	517	383	383	428	18.00	cps
Molybdenum	98-1	1242	1083	1075	1133	8.29	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	40	50	53	48	14.52	cps
Phosphorus	31-2	100	50	25	58	65.47	cps
Potassium	39-2	18996	18863	19380	19080	1.41	cps
Rhodium	103-1	4704170	4753575	4718111	4725285	0.54	cps
Rhodium	103-2	2191863	2188908	2205220	2195330	0.40	cps
Scandium	45-1	3736113	3830868	3818639	3795206	1.36	cps
Scandium	45-2	163933	164789	165871	164864	0.59	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	56	33	44	44	25.01	cps
Selenium	82-1	70	109	116	98	25.35	cps
Silicon	28-1	266540	266926	263815	265761	0.64	cps
Silver	109-1	133	75	67	92	39.63	cps
Silver	107-1	108	108	108	108	0.00	cps
Sodium	23-2	21833	22693	21841	22122	2.23	cps
Strontium	86-1	358	400	292	350	15.61	cps
Strontium	88-1	242	225	225	231	4.17	cps
Sulfur	34-1	307512	304009	300081	303867	1.22	cps
Terbium	159-1	5628888	5743436	5772980	5715101	1.33	cps
Terbium	159-2	2781784	2768986	2793957	2781576	0.45	cps
Thallium	203-1	742	725	567	678	14.25	cps
Thallium	205-1	1775	1442	1358	1525	14.46	cps
Tin	118-1	1567	1408	1267	1414	10.62	cps
Titanium	47-1	100	100	92	97	4.95	cps
Uranium	238-1	142	142	158	147	6.54	cps
Vanadium	51-2	17	23	17	19	20.36	cps
Yttrium	89-1	5532396	5562011	5667737	5587382	1.27	cps
Yttrium	89-2	781128	779410	779874	780138	0.11	cps
Zinc	66-2	110	140	83	111	25.52	cps
Zirconium	90-1	1634	1583	1575	1597	1.98	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:51:05	DataFile Name :	074CCBE_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	375	350	292	339	12.62	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-01	Instrumnet Name :	P7
Client Sample ID :	TWP-B-68	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:54:32	DataFile Name :	075SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	44099	44183	43865	44049	0.37	cps
Antimony	121-1	6468	6343	5943	6252	4.39	cps
Arsenic	75-2	941	876	811	876	7.40	cps
Barium	135-1	310013	305840	303291	306382	1.11	cps
Barium	137-1	536868	523898	513298	524688	2.25	cps
Beryllium	9-1	250	194	183	209	17.07	cps
Bismuth	209-1	2984639	2969386	2928066	2960697	0.99	cps
Bismuth	209-2	1938541	1979025	1962677	1960081	1.04	cps
Boron	10-1	21858	22735	22342	22312	1.97	cps
Boron	11-1	109226	110335	109452	109671	0.53	cps
Cadmium	111-1	1306	1349	1254	1303	3.65	cps
Cadmium	106-1	1575	1617	1583	1592	1.39	cps
Cadmium	108-1	25	17	42	28	45.82	cps
Calcium	43-1	1689690	1666868	1652281	1669613	1.13	cps
Calcium	44-1	27615103	27346006	27184515	27381875	0.79	cps
Chromium	52-2	5821	5945	6051	5939	1.94	cps
Cobalt	59-2	3681	3767	3597	3682	2.31	cps
Copper	63-2	28782	28745	29119	28882	0.71	cps
Dysprosium	156-1	2034	1750	2150	1978	10.40	cps
Dysprosium	156-2	983	1000	1010	998	1.35	cps
Erbium	164-1	1450	1433	1542	1475	3.95	cps
Erbium	164-2	763	770	723	752	3.35	cps
Gadolinium	160-1	1642	1525	1659	1608	4.52	cps
Gadolinium	160-2	913	940	1077	977	8.97	cps
Holmium	165-1	5924437	5833561	5835481	5864493	0.89	cps
Holmium	165-2	2973774	2968436	2916467	2952892	1.07	cps
Indium	115-1	5111612	5150796	5200128	5154179	0.86	cps
Indium	115-2	939708	935190	937321	937406	0.24	cps
Iron	56-2	16081578	16148151	16149269	16126332	0.24	cps
Iron	57-2	420602	420423	420671	420565	0.03	cps
Lead	206-1	225696	218389	217988	220691	1.97	cps
Lead	207-1	189640	183150	186244	186345	1.74	cps
Lead	208-1	875604	854488	853966	861353	1.43	cps
Lithium	6-1	1708350	1705767	1673812	1695976	1.13	cps
Magnesium	24-2	1527875	1529700	1537369	1531648	0.33	cps
Manganese	55-2	587863	589133	588363	588453	0.11	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-01	Instrumnet Name :	P7
Client Sample ID :	TWP-B-68	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:54:32	DataFile Name :	075SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5385	5652	5360	5465	2.96	cps
Molybdenum	95-1	5476	5560	5009	5348	5.55	cps
Molybdenum	96-1	6002	5893	5718	5871	2.44	cps
Molybdenum	97-1	3451	3351	3150	3317	4.61	cps
Molybdenum	98-1	8736	8520	8069	8442	4.03	cps
Neodymium	150-1	3321	3367	3107	3265	4.25	cps
Neodymium	150-2	1280	1277	1357	1305	3.47	cps
Nickel	60-2	1930	1880	1843	1885	2.31	cps
Phosphorus	31-2	1400	1200	1325	1308	7.72	cps
Potassium	39-2	1095561	1108229	1102823	1102204	0.58	cps
Rhodium	103-1	5044442	5045427	4972040	5020636	0.84	cps
Rhodium	103-2	2264596	2259220	2250848	2258221	0.31	cps
Scandium	45-1	4243189	4212154	4173652	4209665	0.83	cps
Scandium	45-2	173388	172560	174113	173354	0.45	cps
Selenium	77-2	0	3	13	6	124.93	cps
Selenium	78-2	46	57	67	57	17.96	cps
Selenium	82-1	49	160	166	125	52.57	cps
Silicon	28-1	44834736	44399159	44760446	44664781	0.52	cps
Silver	109-1	1058	1258	1217	1178	8.96	cps
Silver	107-1	1083	1208	1450	1247	14.95	cps
Sodium	23-2	18085880	18077626	18075366	18079624	0.03	cps
Strontium	86-1	827257	827773	818265	824432	0.65	cps
Strontium	88-1	7272295	7331188	7265098	7289527	0.50	cps
Sulfur	34-1	310943	312108	309631	310894	0.40	cps
Terbium	159-1	6338006	6233876	6210467	6260783	1.08	cps
Terbium	159-2	2977751	2894339	2939160	2937083	1.42	cps
Thallium	203-1	783	700	600	694	13.22	cps
Thallium	205-1	2042	1742	1717	1834	9.87	cps
Tin	118-1	47456	47222	45558	46745	2.21	cps
Titanium	47-1	12965	12656	13624	13081	3.78	cps
Uranium	238-1	2050	2067	1992	2036	1.93	cps
Vanadium	51-2	7365	7249	6852	7155	3.76	cps
Yttrium	89-1	6154396	6252438	6183679	6196838	0.81	cps
Yttrium	89-2	825911	826523	818315	823583	0.56	cps
Zinc	66-2	23062	23593	23209	23288	1.18	cps
Zirconium	90-1	7477	7302	7110	7297	2.52	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-01	Instrumnet Name :	P7
Client Sample ID :	TWP-B-68	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:54:32	DataFile Name :	075SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1734	1617	1333	1561	13.18	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-02	Instrumnet Name :	P7
Client Sample ID :	TWP-B-75	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:57:56	DataFile Name :	076SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2159	3482	3034	2892	23.27	cps
Antimony	121-1	2000	2017	2009	2009	0.41	cps
Arsenic	75-2	281	280	287	283	1.36	cps
Barium	135-1	336030	326580	325967	329526	1.71	cps
Barium	137-1	577466	571302	560068	569612	1.55	cps
Beryllium	9-1	128	83	139	117	25.19	cps
Bismuth	209-1	3035230	3010242	2999670	3015047	0.61	cps
Bismuth	209-2	1960131	1983143	1982097	1975124	0.66	cps
Boron	10-1	29513	29354	29655	29507	0.51	cps
Boron	11-1	139278	141818	147505	142867	2.95	cps
Cadmium	111-1	1133	1028	1133	1098	5.50	cps
Cadmium	106-1	1559	1450	1592	1533	4.83	cps
Cadmium	108-1	0	17	8	8	100.02	cps
Calcium	43-1	1773988	1738660	1753894	1755514	1.01	cps
Calcium	44-1	28832484	28473810	28964210	28756835	0.88	cps
Chromium	52-2	1677	1697	1610	1661	2.73	cps
Cobalt	59-2	1863	1920	1990	1925	3.30	cps
Copper	63-2	3544	3611	3647	3601	1.46	cps
Dysprosium	156-1	142	117	125	128	9.96	cps
Dysprosium	156-2	43	60	73	59	25.53	cps
Erbium	164-1	150	133	83	122	28.39	cps
Erbium	164-2	93	70	67	77	18.95	cps
Gadolinium	160-1	175	117	142	144	20.26	cps
Gadolinium	160-2	97	87	80	88	9.56	cps
Holmium	165-1	6096337	5901849	6026539	6008242	1.64	cps
Holmium	165-2	2964761	2976293	2971886	2970980	0.20	cps
Indium	115-1	5207331	5234079	5202072	5214494	0.33	cps
Indium	115-2	927275	936875	938746	934299	0.66	cps
Iron	56-2	19305608	19419483	19236592	19320561	0.48	cps
Iron	57-2	506658	512029	502909	507199	0.90	cps
Lead	206-1	12351	12156	11867	12124	2.01	cps
Lead	207-1	10438	10115	9965	10173	2.37	cps
Lead	208-1	48002	47095	46639	47245	1.47	cps
Lithium	6-1	1688632	1677623	1650529	1672261	1.17	cps
Magnesium	24-2	1647022	1657690	1664390	1656367	0.53	cps
Manganese	55-2	785631	792638	783404	787224	0.61	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-02	Instrumnet Name :	P7
Client Sample ID :	TWP-B-75	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:57:56	DataFile Name :	076SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1717	1759	1525	1667	7.47	cps
Molybdenum	95-1	1467	1617	1408	1497	7.18	cps
Molybdenum	96-1	1859	1867	1950	1892	2.68	cps
Molybdenum	97-1	1008	1033	900	981	7.23	cps
Molybdenum	98-1	2317	2892	2350	2520	12.81	cps
Neodymium	150-1	227	187	153	189	19.44	cps
Neodymium	150-2	63	90	77	77	17.39	cps
Nickel	60-2	863	810	840	838	3.19	cps
Phosphorus	31-2	1392	1600	1550	1514	7.18	cps
Potassium	39-2	1262892	1273525	1271400	1269272	0.44	cps
Rhodium	103-1	5044253	5042181	5074335	5053590	0.36	cps
Rhodium	103-2	2251506	2253042	2271187	2258578	0.48	cps
Scandium	45-1	4125695	4145749	4164599	4145348	0.47	cps
Scandium	45-2	171439	172370	172328	172046	0.31	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	52	50	41	48	12.52	cps
Selenium	82-1	195	229	158	194	18.40	cps
Silicon	28-1	46762160	45536644	45667070	45988625	1.46	cps
Silver	109-1	1100	1292	1208	1200	8.01	cps
Silver	107-1	1067	1492	1450	1336	17.53	cps
Sodium	23-2	16473520	16622273	16448136	16514643	0.57	cps
Strontium	86-1	1002107	1009038	998341	1003162	0.54	cps
Strontium	88-1	8943278	8850274	8841122	8878225	0.64	cps
Sulfur	34-1	310632	309231	309699	309854	0.23	cps
Terbium	159-1	6392335	6384027	6269001	6348454	1.09	cps
Terbium	159-2	2948174	2971547	2944702	2954808	0.49	cps
Thallium	203-1	233	250	250	244	3.93	cps
Thallium	205-1	433	408	683	508	29.92	cps
Tin	118-1	5451	5785	5893	5710	4.03	cps
Titanium	47-1	1583	1450	1425	1486	5.73	cps
Uranium	238-1	142	225	225	197	24.40	cps
Vanadium	51-2	1743	1633	1637	1671	3.74	cps
Yttrium	89-1	6109035	6102591	6122666	6111431	0.17	cps
Yttrium	89-2	813042	820994	822237	818758	0.61	cps
Zinc	66-2	4671	4584	4644	4633	0.96	cps
Zirconium	90-1	2567	2600	2600	2589	0.74	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-02	Instrumnet Name :	P7
Client Sample ID :	TWP-B-75	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 21:57:56	DataFile Name :	076SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	658	617	542	606	9.76	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-03	Instrumnet Name :	P7
Client Sample ID :	TWP-B-70	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:01:20	DataFile Name :	077SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	525	467	517	503	6.28	cps
Antimony	121-1	2092	2009	2075	2059	2.14	cps
Arsenic	75-2	391	426	404	407	4.37	cps
Barium	135-1	572288	563353	559975	565205	1.13	cps
Barium	137-1	994028	980216	968275	980840	1.31	cps
Beryllium	9-1	100	94	50	81	33.63	cps
Bismuth	209-1	3106586	3078813	3072848	3086082	0.58	cps
Bismuth	209-2	1962256	1986058	2009388	1985901	1.19	cps
Boron	10-1	4709	4259	4009	4326	8.20	cps
Boron	11-1	21958	21215	21074	21416	2.22	cps
Cadmium	111-1	1601	1676	1571	1616	3.34	cps
Cadmium	106-1	1383	1550	1383	1439	6.69	cps
Cadmium	108-1	38	38	50	42	17.32	cps
Calcium	43-1	546153	541299	534550	540667	1.08	cps
Calcium	44-1	8712386	8697444	8681749	8697193	0.18	cps
Chromium	52-2	2657	2680	2714	2684	1.06	cps
Cobalt	59-2	3280	3370	3410	3354	1.99	cps
Copper	63-2	21032	21302	21249	21194	0.68	cps
Dysprosium	156-1	33	58	33	42	34.65	cps
Dysprosium	156-2	20	13	23	19	26.96	cps
Erbium	164-1	33	42	33	36	13.33	cps
Erbium	164-2	13	20	23	19	26.96	cps
Gadolinium	160-1	50	42	92	61	43.83	cps
Gadolinium	160-2	53	33	47	44	22.92	cps
Holmium	165-1	6017365	5993599	5953168	5988044	0.54	cps
Holmium	165-2	2925446	2885259	2932376	2914360	0.87	cps
Indium	115-1	5161362	5204488	5129778	5165209	0.73	cps
Indium	115-2	918826	924522	919390	920913	0.34	cps
Iron	56-2	876106	872217	884034	877452	0.69	cps
Iron	57-2	22640	23052	23414	23035	1.68	cps
Lead	206-1	69314	68627	67432	68457	1.39	cps
Lead	207-1	58384	56621	57541	57515	1.53	cps
Lead	208-1	271236	264807	263730	266591	1.52	cps
Lithium	6-1	1657616	1638636	1639058	1645103	0.66	cps
Magnesium	24-2	499736	499962	507453	502384	0.87	cps
Manganese	55-2	335356	338609	339748	337904	0.67	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-03	Instrumnet Name :	P7
Client Sample ID :	TWP-B-70	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:01:20	DataFile Name :	077SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1642	1542	1617	1600	3.25	cps
Molybdenum	95-1	2000	2134	2209	2114	4.99	cps
Molybdenum	96-1	2325	2175	2367	2289	4.40	cps
Molybdenum	97-1	1125	1267	1275	1222	6.90	cps
Molybdenum	98-1	3392	3367	3059	3273	5.67	cps
Neodymium	150-1	27	47	33	36	28.64	cps
Neodymium	150-2	17	20	20	19	10.18	cps
Nickel	60-2	1017	943	733	898	16.38	cps
Phosphorus	31-2	142	167	208	172	19.56	cps
Potassium	39-2	235262	237750	237745	236919	0.61	cps
Rhodium	103-1	5079565	5038530	5095869	5071322	0.58	cps
Rhodium	103-2	2229168	2258906	2257218	2248431	0.74	cps
Scandium	45-1	4108385	4059951	4000044	4056127	1.34	cps
Scandium	45-2	165791	167744	166713	166749	0.59	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	44	28	39	37	22.90	cps
Selenium	82-1	124	143	123	130	8.48	cps
Silicon	28-1	16061468	15985940	15777318	15941575	0.92	cps
Silver	109-1	1342	1592	1725	1553	12.53	cps
Silver	107-1	1500	1575	1825	1633	10.42	cps
Sodium	23-2	6411586	6351574	6516620	6426593	1.30	cps
Strontium	86-1	292178	290514	286085	289592	1.09	cps
Strontium	88-1	2447054	2433815	2425230	2435366	0.45	cps
Sulfur	34-1	349121	351133	348432	349562	0.40	cps
Terbium	159-1	6346255	6299740	6359363	6335119	0.49	cps
Terbium	159-2	2908543	2907041	2894194	2903259	0.27	cps
Thallium	203-1	150	192	158	167	13.23	cps
Thallium	205-1	475	283	350	369	26.34	cps
Tin	118-1	3934	3967	3817	3906	2.02	cps
Titanium	47-1	492	500	517	503	2.53	cps
Uranium	238-1	658	442	458	519	23.21	cps
Vanadium	51-2	990	1053	1000	1014	3.36	cps
Yttrium	89-1	6130124	6040498	5978544	6049722	1.26	cps
Yttrium	89-2	794968	798993	804030	799330	0.57	cps
Zinc	66-2	70285	71430	70818	70844	0.81	cps
Zirconium	90-1	1258	1258	1200	1239	2.72	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-03	Instrumnet Name :	P7
Client Sample ID :	TWP-B-70	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:01:20	DataFile Name :	077SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	292	258	458	336	31.89	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-01	Instrumnet Name :	P7
Client Sample ID :	TWP-B-51	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:04:45	DataFile Name :	078SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	41985	44191	41350	42508	3.51	cps
Antimony	121-1	9320	9187	9345	9284	0.92	cps
Arsenic	75-2	537	604	565	569	5.89	cps
Barium	135-1	597184	595114	607001	599766	1.06	cps
Barium	137-1	1044208	1031173	1034604	1036662	0.65	cps
Beryllium	9-1	161	183	122	156	19.88	cps
Bismuth	209-1	2552714	2527673	2514770	2531719	0.76	cps
Bismuth	209-2	1698598	1705021	1738098	1713905	1.24	cps
Boron	10-1	102672	102680	105458	103603	1.55	cps
Boron	11-1	520937	527554	533582	527358	1.20	cps
Cadmium	111-1	1519	1555	1404	1493	5.28	cps
Cadmium	106-1	1517	1508	1367	1464	5.76	cps
Cadmium	108-1	67	67	33	56	34.65	cps
Calcium	43-1	3582845	3578681	3589516	3583681	0.15	cps
Calcium	44-1	56686903	56948493	57615510	57083635	0.84	cps
Chromium	52-2	26180	26394	27209	26594	2.04	cps
Cobalt	59-2	7152	7279	7235	7222	0.89	cps
Copper	63-2	38601	39590	39701	39297	1.54	cps
Dysprosium	156-1	900	1108	883	964	13.01	cps
Dysprosium	156-2	413	603	480	499	19.32	cps
Erbium	164-1	1042	875	783	900	14.55	cps
Erbium	164-2	427	523	453	468	10.67	cps
Gadolinium	160-1	833	925	792	850	8.03	cps
Gadolinium	160-2	593	547	540	560	5.19	cps
Holmium	165-1	5360879	5270560	5243623	5291687	1.16	cps
Holmium	165-2	2707243	2785583	2820132	2770986	2.09	cps
Indium	115-1	4492229	4479438	4506637	4492768	0.30	cps
Indium	115-2	846995	857833	860184	855004	0.82	cps
Iron	56-2	33692743	34055104	33919074	33888973	0.54	cps
Iron	57-2	873151	878399	894539	882030	1.26	cps
Lead	206-1	256262	253046	247590	252299	1.74	cps
Lead	207-1	212604	208111	208040	209585	1.25	cps
Lead	208-1	977080	968297	958129	967835	0.98	cps
Lithium	6-1	1452849	1450079	1437310	1446746	0.57	cps
Magnesium	24-2	27201922	27204505	27146183	27184203	0.12	cps
Manganese	55-2	973706	985435	990377	983173	0.87	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-01	Instrumnet Name :	P7
Client Sample ID :	TWP-B-51	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:04:45	DataFile Name :	078SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6969	6719	6960	6883	2.06	cps
Molybdenum	95-1	6643	6360	6719	6574	2.88	cps
Molybdenum	96-1	7452	7569	7636	7552	1.23	cps
Molybdenum	97-1	4334	4242	3876	4151	5.84	cps
Molybdenum	98-1	10221	10479	10262	10321	1.35	cps
Neodymium	150-1	1540	1420	1380	1447	5.76	cps
Neodymium	150-2	567	633	627	609	6.03	cps
Nickel	60-2	4611	5098	4994	4901	5.23	cps
Phosphorus	31-2	1683	1375	1567	1542	10.10	cps
Potassium	39-2	7187893	7277046	7319025	7261322	0.92	cps
Rhodium	103-1	4267513	4326351	4320700	4304855	0.75	cps
Rhodium	103-2	1961830	1991655	2007452	1986979	1.17	cps
Scandium	45-1	3843809	3829798	3846268	3839958	0.23	cps
Scandium	45-2	162720	164051	166544	164439	1.18	cps
Selenium	77-2	7	7	13	9	43.25	cps
Selenium	78-2	35	46	41	41	13.63	cps
Selenium	82-1	963	915	921	933	2.82	cps
Silicon	28-1	24770569	25212370	25010147	24997696	0.88	cps
Silver	109-1	3034	3292	3492	3273	7.02	cps
Silver	107-1	3250	3551	3359	3387	4.49	cps
Sodium	23-2	457281577	458012844	464362344	459885588	0.85	cps
Strontium	86-1	2844626	2862067	2882459	2863051	0.66	cps
Strontium	88-1	26203602	26267972	26586970	26352848	0.78	cps
Sulfur	34-1	4137911	4138114	4210755	4162260	1.01	cps
Terbium	159-1	5584515	5661456	5575293	5607088	0.84	cps
Terbium	159-2	2771485	2794285	2811178	2792316	0.71	cps
Thallium	203-1	125	117	133	125	6.67	cps
Thallium	205-1	383	442	317	381	16.43	cps
Tin	118-1	103724	104696	103176	103865	0.74	cps
Titanium	47-1	31534	31802	33290	32209	2.94	cps
Uranium	238-1	2175	1950	2409	2178	10.52	cps
Vanadium	51-2	7609	7389	7622	7540	1.74	cps
Yttrium	89-1	5630986	5689480	5589190	5636552	0.89	cps
Yttrium	89-2	768629	784523	783658	778936	1.15	cps
Zinc	66-2	27800	28144	28592	28179	1.41	cps
Zirconium	90-1	8836	9287	8286	8803	5.69	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-01	Instrumnet Name :	P7
Client Sample ID :	TWP-B-51	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:04:45	DataFile Name :	078SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2000	1800	1850	1884	5.53	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-04	Instrumnet Name :	P7
Client Sample ID :	TWP-B-30	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:08:12	DataFile Name :	079SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29530	30207	29799	29845	1.14	cps
Antimony	121-1	10196	10371	10738	10435	2.65	cps
Arsenic	75-2	1002	959	972	978	2.23	cps
Barium	135-1	216174	213761	212331	214089	0.91	cps
Barium	137-1	369511	369089	357870	365490	1.81	cps
Beryllium	9-1	106	144	150	133	18.16	cps
Bismuth	209-1	2944842	2936112	2959932	2946962	0.41	cps
Bismuth	209-2	1960084	1965987	2015044	1980372	1.52	cps
Boron	10-1	18921	18220	18821	18654	2.03	cps
Boron	11-1	89170	90068	95039	91426	3.46	cps
Cadmium	111-1	2006	2028	1713	1915	9.19	cps
Cadmium	106-1	1792	1567	1442	1600	11.09	cps
Cadmium	108-1	46	63	108	72	44.82	cps
Calcium	43-1	1057833	1062478	1040878	1053730	1.08	cps
Calcium	44-1	17077722	17211498	16868438	17052553	1.01	cps
Chromium	52-2	12499	12125	12662	12429	2.21	cps
Cobalt	59-2	3854	3611	3734	3733	3.26	cps
Copper	63-2	53601	53779	54424	53935	0.80	cps
Dysprosium	156-1	1092	1275	1200	1189	7.75	cps
Dysprosium	156-2	560	547	527	544	3.08	cps
Erbium	164-1	1183	983	850	1006	16.69	cps
Erbium	164-2	587	520	490	532	9.30	cps
Gadolinium	160-1	1067	1125	875	1022	12.80	cps
Gadolinium	160-2	623	640	617	627	1.92	cps
Holmium	165-1	5896789	5989243	5886716	5924249	0.95	cps
Holmium	165-2	2962538	2948915	2998855	2970102	0.87	cps
Indium	115-1	5264552	5208286	5215051	5229297	0.59	cps
Indium	115-2	941571	951726	960301	951199	0.99	cps
Iron	56-2	7204919	7148732	7145332	7166328	0.47	cps
Iron	57-2	188591	190781	186978	188783	1.01	cps
Lead	206-1	538208	538929	527066	534734	1.24	cps
Lead	207-1	453069	443837	432362	443089	2.34	cps
Lead	208-1	2091859	2061049	2035708	2062872	1.36	cps
Lithium	6-1	1733109	1708677	1706440	1716075	0.86	cps
Magnesium	24-2	1689766	1682089	1693261	1688372	0.34	cps
Manganese	55-2	1256835	1264029	1265052	1261972	0.35	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-04	Instrumnet Name :	P7
Client Sample ID :	TWP-B-30	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:08:12	DataFile Name :	079SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7461	7127	7711	7433	3.94	cps
Molybdenum	95-1	9145	9220	9545	9303	2.29	cps
Molybdenum	96-1	10488	10875	10112	10492	3.63	cps
Molybdenum	97-1	5510	5985	5343	5612	5.93	cps
Molybdenum	98-1	14333	13999	13966	14099	1.44	cps
Neodymium	150-1	1560	1780	1593	1645	7.21	cps
Neodymium	150-2	757	650	747	718	8.21	cps
Nickel	60-2	3224	3004	3374	3200	5.82	cps
Phosphorus	31-2	1050	1217	1075	1114	8.07	cps
Potassium	39-2	796960	801572	808711	802414	0.74	cps
Rhodium	103-1	5133470	5111865	5093700	5113012	0.39	cps
Rhodium	103-2	2291957	2317692	2313194	2307614	0.60	cps
Scandium	45-1	4268768	4303714	4234554	4269012	0.81	cps
Scandium	45-2	176342	177280	182283	178635	1.79	cps
Selenium	77-2	3	3	10	6	69.34	cps
Selenium	78-2	54	43	39	45	17.11	cps
Selenium	82-1	193	171	177	180	6.21	cps
Silicon	28-1	40705655	40681578	40707644	40698292	0.04	cps
Silver	109-1	1942	2109	2309	2120	8.66	cps
Silver	107-1	2384	2309	2459	2384	3.15	cps
Sodium	23-2	15060493	15051617	15132514	15081541	0.29	cps
Strontium	86-1	633234	624095	622948	626759	0.90	cps
Strontium	88-1	5596131	5461530	5456020	5504561	1.44	cps
Sulfur	34-1	422420	423036	424437	423298	0.24	cps
Terbium	159-1	6311572	6301887	6301149	6304869	0.09	cps
Terbium	159-2	2978634	2958244	3043506	2993461	1.49	cps
Thallium	203-1	108	150	150	136	17.67	cps
Thallium	205-1	283	300	292	292	2.86	cps
Tin	118-1	42624	42248	42699	42524	0.57	cps
Titanium	47-1	33944	14008	15715	21222	52.07	cps
Uranium	238-1	2384	2159	2300	2281	4.99	cps
Vanadium	51-2	5461	5541	5665	5556	1.84	cps
Yttrium	89-1	6284013	6284046	6382996	6317018	0.90	cps
Yttrium	89-2	833124	842790	853298	843071	1.20	cps
Zinc	66-2	79690	79472	79636	79599	0.14	cps
Zirconium	90-1	5210	4709	7143	5687	22.59	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-04	Instrumnet Name :	P7
Client Sample ID :	TWP-B-30	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:08:12	DataFile Name :	079SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1108	1200	1075	1128	5.74	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6120-04	Instrumnet Name :	P7
Client Sample ID :	B-68(1-2)-102417	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:11:37	DataFile Name :	080SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	443272	438423	444564	442087	0.73	cps
Antimony	121-1	25566	24906	25181	25218	1.31	cps
Arsenic	75-2	1504	1615	1646	1588	4.72	cps
Barium	135-1	407292	413658	407119	409356	0.91	cps
Barium	137-1	704711	702226	698169	701702	0.47	cps
Beryllium	9-1	1222	1206	1167	1198	2.38	cps
Bismuth	209-1	2756596	2809836	2848309	2804914	1.64	cps
Bismuth	209-2	1916445	1919639	1923619	1919901	0.19	cps
Boron	10-1	2675	2442	2292	2470	7.82	cps
Boron	11-1	12789	12597	12197	12528	2.41	cps
Cadmium	111-1	1778	1738	1825	1780	2.45	cps
Cadmium	106-1	1725	1534	1809	1689	8.35	cps
Cadmium	108-1	67	104	100	90	22.77	cps
Calcium	43-1	874147	880591	870670	875136	0.58	cps
Calcium	44-1	14132903	14078091	14017179	14076058	0.41	cps
Chromium	52-2	34156	34136	34384	34225	0.40	cps
Cobalt	59-2	25389	25436	25259	25361	0.36	cps
Copper	63-2	178623	178984	182699	180102	1.25	cps
Dysprosium	156-1	14917	15351	14450	14906	3.02	cps
Dysprosium	156-2	7449	7579	7492	7507	0.88	cps
Erbium	164-1	13407	12857	13532	13265	2.71	cps
Erbium	164-2	6858	6902	7009	6923	1.12	cps
Gadolinium	160-1	13674	13958	13883	13838	1.06	cps
Gadolinium	160-2	8013	7806	7949	7922	1.34	cps
Holmium	165-1	5569764	5555072	5572005	5565614	0.17	cps
Holmium	165-2	2821333	2819129	2839547	2826670	0.40	cps
Indium	115-1	4769555	4805940	4867399	4814298	1.03	cps
Indium	115-2	898119	900231	911911	903420	0.82	cps
Iron	56-2	13648903	13514927	13664014	13609281	0.60	cps
Iron	57-2	352991	353985	356783	354586	0.55	cps
Lead	206-1	2055092	2056691	2063934	2058573	0.23	cps
Lead	207-1	1727446	1751529	1753467	1744147	0.83	cps
Lead	208-1	8223337	8317887	8291976	8277733	0.59	cps
Lithium	6-1	1575478	1573763	1588434	1579225	0.51	cps
Magnesium	24-2	456671	452499	455821	454997	0.48	cps
Manganese	55-2	288946	290386	294506	291279	0.99	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6120-04	Instrumnet Name :	P7
Client Sample ID :	B-68(1-2)-102417	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:11:37	DataFile Name :	080SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	16594	15834	17671	16700	5.53	cps
Molybdenum	95-1	4918	4167	4626	4570	8.27	cps
Molybdenum	96-1	7269	7361	7386	7338	0.84	cps
Molybdenum	97-1	2850	2884	3000	2912	2.71	cps
Molybdenum	98-1	7511	7352	7602	7488	1.69	cps
Neodymium	150-1	23200	23180	23214	23198	0.07	cps
Neodymium	150-2	9137	9570	9146	9284	2.67	cps
Nickel	60-2	13720	13540	13163	13474	2.11	cps
Phosphorus	31-2	2159	2042	1975	2059	4.51	cps
Potassium	39-2	246323	250997	248110	248477	0.95	cps
Rhodium	103-1	4788157	4795421	4838134	4807237	0.56	cps
Rhodium	103-2	2212039	2218906	2238667	2223204	0.62	cps
Scandium	45-1	4000561	3996323	3945767	3980884	0.77	cps
Scandium	45-2	168888	167242	170253	168794	0.89	cps
Selenium	77-2	40	60	53	51	19.92	cps
Selenium	78-2	57	72	80	70	16.22	cps
Selenium	82-1	106	151	147	135	18.47	cps
Silicon	28-1	10604510	10453306	10472523	10510113	0.78	cps
Silver	109-1	2734	2800	2892	2809	2.83	cps
Silver	107-1	3192	3142	3184	3173	0.84	cps
Sodium	23-2	874459	879940	886416	880271	0.68	cps
Strontium	86-1	612154	609683	617395	613077	0.64	cps
Strontium	88-1	5435865	5370794	5401092	5402584	0.60	cps
Sulfur	34-1	303620	301900	305369	303630	0.57	cps
Terbium	159-1	5820106	5845509	5988409	5884675	1.54	cps
Terbium	159-2	2830097	2822497	2826166	2826253	0.13	cps
Thallium	203-1	517	600	600	572	8.41	cps
Thallium	205-1	1242	1200	1317	1253	4.72	cps
Tin	118-1	254772	257273	253633	255226	0.73	cps
Titanium	47-1	365890	366164	364078	365377	0.31	cps
Uranium	238-1	6969	6360	6294	6541	5.69	cps
Vanadium	51-2	33502	34337	34033	33957	1.24	cps
Yttrium	89-1	6009266	6096805	6047458	6051176	0.73	cps
Yttrium	89-2	817455	827882	828603	824647	0.76	cps
Zinc	66-2	104437	104363	105128	104643	0.40	cps
Zirconium	90-1	40040	38896	40368	39768	1.94	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6120-04	Instrumnet Name :	P7
Client Sample ID :	B-68(1-2)-102417	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:11:37	DataFile Name :	080SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	9045	9070	8979	9031	0.52	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-05	Instrumnet Name :	P7
Client Sample ID :	B-3(1-2)-102517	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:15:01	DataFile Name :	081SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	277591	278399	283572	279854	1.16	cps
Antimony	121-1	23437	22844	23879	23387	2.22	cps
Arsenic	75-2	1926	2085	2054	2022	4.17	cps
Barium	135-1	476776	470891	465656	471108	1.18	cps
Barium	137-1	807001	805906	807600	806836	0.11	cps
Beryllium	9-1	800	772	817	796	2.82	cps
Bismuth	209-1	2858823	2885636	2909184	2884548	0.87	cps
Bismuth	209-2	1906638	1919431	1941807	1922625	0.93	cps
Boron	10-1	1558	1467	1400	1475	5.39	cps
Boron	11-1	7227	7185	6685	7032	4.29	cps
Cadmium	111-1	4942	4907	4956	4935	0.51	cps
Cadmium	106-1	2142	1934	1984	2020	5.39	cps
Cadmium	108-1	392	413	292	365	17.68	cps
Calcium	43-1	110856	109981	110544	110460	0.40	cps
Calcium	44-1	1785999	1754441	1768091	1769510	0.89	cps
Chromium	52-2	54705	55652	56415	55590	1.54	cps
Cobalt	59-2	16776	16289	17067	16711	2.35	cps
Copper	63-2	183780	185770	188021	185857	1.14	cps
Dysprosium	156-1	11380	11155	11147	11227	1.18	cps
Dysprosium	156-2	5751	5731	5501	5661	2.45	cps
Erbium	164-1	9687	10021	9971	9893	1.82	cps
Erbium	164-2	5414	5745	5521	5560	3.03	cps
Gadolinium	160-1	10463	10630	10696	10596	1.13	cps
Gadolinium	160-2	6201	6498	6352	6350	2.34	cps
Holmium	165-1	5624786	5645806	5700587	5657060	0.69	cps
Holmium	165-2	2843927	2845585	2802481	2830665	0.86	cps
Indium	115-1	4889060	4936968	4983678	4936569	0.96	cps
Indium	115-2	901997	893149	903878	899675	0.64	cps
Iron	56-2	13451987	13301002	13341679	13364889	0.58	cps
Iron	57-2	351399	349294	350593	350429	0.30	cps
Lead	206-1	3525552	3470469	3483857	3493293	0.82	cps
Lead	207-1	2917719	2900316	2931523	2916520	0.54	cps
Lead	208-1	13535957	13537414	13639597	13570989	0.44	cps
Lithium	6-1	1598756	1588264	1588668	1591896	0.37	cps
Magnesium	24-2	359898	359696	363025	360873	0.52	cps
Manganese	55-2	229025	227500	229771	228765	0.51	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-05	Instrumnet Name :	P7
Client Sample ID :	B-3(1-2)-102517	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:15:01	DataFile Name :	081SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6060	5368	5560	5663	6.32	cps
Molybdenum	95-1	3267	2692	2825	2928	10.28	cps
Molybdenum	96-1	3784	4076	3784	3881	4.34	cps
Molybdenum	97-1	1742	1859	1750	1784	3.65	cps
Molybdenum	98-1	4926	4418	4676	4673	5.44	cps
Neodymium	150-1	15356	15656	16410	15807	3.44	cps
Neodymium	150-2	6355	6582	6545	6494	1.87	cps
Nickel	60-2	12088	12142	12616	12282	2.36	cps
Phosphorus	31-2	1325	1467	1292	1361	6.83	cps
Potassium	39-2	71247	69580	69940	70256	1.25	cps
Rhodium	103-1	4887506	4954030	4884044	4908526	0.80	cps
Rhodium	103-2	2235566	2224915	2240255	2233579	0.35	cps
Scandium	45-1	3968118	3954547	3968993	3963886	0.20	cps
Scandium	45-2	165261	166578	166036	165958	0.40	cps
Selenium	77-2	20	27	53	33	52.91	cps
Selenium	78-2	70	67	35	57	33.67	cps
Selenium	82-1	135	138	107	127	13.54	cps
Silicon	28-1	5440824	5314096	5282523	5345815	1.57	cps
Silver	109-1	2125	2442	2200	2256	7.34	cps
Silver	107-1	2284	2150	2184	2206	3.15	cps
Sodium	23-2	110714	108272	108079	109022	1.35	cps
Strontium	86-1	40867	40918	39965	40583	1.32	cps
Strontium	88-1	351111	348390	344825	348109	0.91	cps
Sulfur	34-1	333218	329146	328610	330325	0.76	cps
Terbium	159-1	6003489	6021923	5992789	6006067	0.25	cps
Terbium	159-2	2801326	2830687	2830949	2820987	0.60	cps
Thallium	203-1	300	383	258	314	20.28	cps
Thallium	205-1	808	800	850	820	3.27	cps
Tin	118-1	73108	73141	71725	72658	1.11	cps
Titanium	47-1	167373	166506	165890	166589	0.45	cps
Uranium	238-1	6735	6452	6344	6510	3.11	cps
Vanadium	51-2	29015	28919	28775	28903	0.42	cps
Yttrium	89-1	6038593	6038792	6077665	6051684	0.37	cps
Yttrium	89-2	816310	810502	815552	814121	0.39	cps
Zinc	66-2	775681	771630	781157	776156	0.62	cps
Zirconium	90-1	11163	11839	11030	11344	3.82	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-05	Instrumnet Name :	P7
Client Sample ID :	B-3(1-2)-102517	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:15:01	DataFile Name :	081SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2417	2634	2325	2459	6.44	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-06	Instrumnet Name :	P7
Client Sample ID :	B-3(2-3)-102517	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:18:26	DataFile Name :	082SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	394204	396859	397844	396302	0.48	cps
Antimony	121-1	2409	2300	2125	2278	6.28	cps
Arsenic	75-2	983	943	1009	978	3.43	cps
Barium	135-1	70252	68855	69902	69670	1.04	cps
Barium	137-1	123647	120437	118688	120924	2.08	cps
Beryllium	9-1	750	772	856	793	7.02	cps
Bismuth	209-1	2896097	2905560	2922602	2908086	0.46	cps
Bismuth	209-2	1910105	1911757	1922150	1914670	0.34	cps
Boron	10-1	925	825	983	911	8.79	cps
Boron	11-1	4643	4568	5034	4748	5.28	cps
Cadmium	111-1	1121	1271	1133	1175	7.11	cps
Cadmium	106-1	1417	1692	1425	1511	10.35	cps
Cadmium	108-1	29	13	33	25	44.09	cps
Calcium	43-1	25957	26692	26015	26221	1.56	cps
Calcium	44-1	439476	441132	429204	436604	1.48	cps
Chromium	52-2	18228	17607	18225	18020	1.98	cps
Cobalt	59-2	17868	18041	17861	17923	0.57	cps
Copper	63-2	75048	75993	74817	75286	0.83	cps
Dysprosium	156-1	14425	13908	13440	13924	3.54	cps
Dysprosium	156-2	7322	7339	7145	7269	1.47	cps
Erbium	164-1	12598	12356	11739	12231	3.62	cps
Erbium	164-2	6392	6398	6285	6358	1.00	cps
Gadolinium	160-1	14383	13240	13649	13758	4.21	cps
Gadolinium	160-2	7726	7766	8139	7877	2.90	cps
Holmium	165-1	5676642	5624223	5663207	5654691	0.48	cps
Holmium	165-2	2841694	2796185	2790637	2809505	1.00	cps
Indium	115-1	4922657	4906266	4840739	4889887	0.89	cps
Indium	115-2	872694	883255	886112	880687	0.80	cps
Iron	56-2	17490491	17346579	17498337	17445136	0.49	cps
Iron	57-2	450064	449265	452278	450536	0.35	cps
Lead	206-1	60286	59383	58959	59542	1.14	cps
Lead	207-1	49644	49108	47045	48599	2.82	cps
Lead	208-1	232355	229598	225392	229115	1.53	cps
Lithium	6-1	1597526	1578440	1585364	1587110	0.61	cps
Magnesium	24-2	267003	270001	271360	269454	0.83	cps
Manganese	55-2	408526	410967	413988	411161	0.67	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-06	Instrumnet Name :	P7
Client Sample ID :	B-3(2-3)-102517	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:18:26	DataFile Name :	082SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4926	5143	4651	4907	5.02	cps
Molybdenum	95-1	1567	1842	1567	1659	9.58	cps
Molybdenum	96-1	2567	2650	2784	2667	4.10	cps
Molybdenum	97-1	1067	1225	1142	1145	6.92	cps
Molybdenum	98-1	3084	2892	2950	2975	3.30	cps
Neodymium	150-1	19835	19388	19835	19686	1.31	cps
Neodymium	150-2	8186	7762	8052	8000	2.71	cps
Nickel	60-2	7372	7312	7499	7394	1.29	cps
Phosphorus	31-2	1592	1225	1417	1411	13.00	cps
Potassium	39-2	81356	82529	82497	82128	0.81	cps
Rhodium	103-1	4909392	4933523	4922212	4921709	0.25	cps
Rhodium	103-2	2187457	2199208	2209165	2198610	0.49	cps
Scandium	45-1	3931926	3953920	3919876	3935241	0.44	cps
Scandium	45-2	162271	163666	163438	163125	0.46	cps
Selenium	77-2	57	50	43	50	13.34	cps
Selenium	78-2	63	37	65	55	28.27	cps
Selenium	82-1	72	15	22	36	85.91	cps
Silicon	28-1	4768551	5025583	4661217	4818450	3.89	cps
Silver	109-1	800	925	992	906	10.75	cps
Silver	107-1	1042	950	942	978	5.68	cps
Sodium	23-2	80474	80080	81604	80719	0.98	cps
Strontium	86-1	12097	12231	11947	12092	1.17	cps
Strontium	88-1	102347	103102	100165	101872	1.50	cps
Sulfur	34-1	291355	286292	284058	287235	1.30	cps
Terbium	159-1	6090715	5898344	6007901	5998987	1.61	cps
Terbium	159-2	2807585	2802676	2790281	2800181	0.32	cps
Thallium	203-1	208	183	192	194	6.55	cps
Thallium	205-1	592	475	525	531	11.03	cps
Tin	118-1	3859	3892	3809	3853	1.09	cps
Titanium	47-1	120054	118842	117565	118820	1.05	cps
Uranium	238-1	8904	8553	8420	8626	2.90	cps
Vanadium	51-2	22564	22668	23185	22806	1.46	cps
Yttrium	89-1	6010263	6034989	6071060	6038770	0.51	cps
Yttrium	89-2	791715	796293	800332	796114	0.54	cps
Zinc	66-2	49190	48912	49303	49135	0.41	cps
Zirconium	90-1	10629	10955	9862	10482	5.35	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-06	Instrumnet Name :	P7
Client Sample ID :	B-3(2-3)-102517	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:18:26	DataFile Name :	082SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2534	2442	2317	2431	4.48	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-07	Instrumnet Name :	P7
Client Sample ID :	B-78(0.5-1.5)-102517	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:21:52	DataFile Name :	083SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	624705	619981	623427	622705	0.39	cps
Antimony	121-1	36991	35053	35596	35880	2.79	cps
Arsenic	75-2	1457	1465	1350	1424	4.51	cps
Barium	135-1	171600	171912	170492	171335	0.44	cps
Barium	137-1	300399	297832	297568	298600	0.52	cps
Beryllium	9-1	1211	1317	1439	1322	8.62	cps
Bismuth	209-1	2904751	2913053	2907426	2908410	0.15	cps
Bismuth	209-2	1918114	1905920	1926079	1916704	0.53	cps
Boron	10-1	1575	1408	1592	1525	6.65	cps
Boron	11-1	7544	7235	7552	7444	2.43	cps
Cadmium	111-1	1406	1478	1257	1380	8.18	cps
Cadmium	106-1	1517	1625	1467	1536	5.27	cps
Cadmium	108-1	38	38	17	31	39.36	cps
Calcium	43-1	87509	87819	88455	87927	0.55	cps
Calcium	44-1	1431299	1397631	1414084	1414338	1.19	cps
Chromium	52-2	42060	42451	42230	42247	0.46	cps
Cobalt	59-2	28658	28845	29142	28882	0.85	cps
Copper	63-2	202453	202789	203736	202993	0.33	cps
Dysprosium	156-1	25216	23688	25007	24637	3.36	cps
Dysprosium	156-2	11915	12382	12139	12146	1.92	cps
Erbium	164-1	21067	21184	20842	21031	0.83	cps
Erbium	164-2	10754	10301	10508	10521	2.16	cps
Gadolinium	160-1	24348	24155	23972	24158	0.78	cps
Gadolinium	160-2	13937	13740	14261	13980	1.88	cps
Holmium	165-1	5726241	5804151	5691123	5740505	1.01	cps
Holmium	165-2	2772070	2754615	2812409	2779698	1.07	cps
Indium	115-1	4911653	4884242	4892629	4896175	0.29	cps
Indium	115-2	866726	856661	864435	862607	0.61	cps
Iron	56-2	35250349	34667600	34586355	34834768	1.04	cps
Iron	57-2	905651	899001	903852	902835	0.38	cps
Lead	206-1	990677	981195	970526	980799	1.03	cps
Lead	207-1	817016	814943	804862	812274	0.80	cps
Lead	208-1	3762108	3729625	3702177	3731303	0.80	cps
Lithium	6-1	1577495	1591034	1575493	1581341	0.53	cps
Magnesium	24-2	471132	462102	465157	466130	0.99	cps
Manganese	55-2	667820	667934	658535	664763	0.81	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-07	Instrumnet Name :	P7
Client Sample ID :	B-78(0.5-1.5)-102517	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:21:52	DataFile Name :	083SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6952	6302	6835	6696	5.18	cps
Molybdenum	95-1	2767	2650	2575	2664	3.63	cps
Molybdenum	96-1	3642	4042	3976	3887	5.51	cps
Molybdenum	97-1	1525	1617	1625	1589	3.49	cps
Molybdenum	98-1	4393	3976	4092	4154	5.18	cps
Neodymium	150-1	36590	36402	37572	36855	1.71	cps
Neodymium	150-2	14394	14721	15456	14857	3.66	cps
Nickel	60-2	13340	13420	13273	13344	0.55	cps
Phosphorus	31-2	2484	2334	2375	2398	3.23	cps
Potassium	39-2	174539	176462	173596	174866	0.84	cps
Rhodium	103-1	4796455	4913133	4818379	4842656	1.28	cps
Rhodium	103-2	2166245	2153603	2185839	2168562	0.75	cps
Scandium	45-1	3920092	3872844	3873533	3888823	0.70	cps
Scandium	45-2	160980	159583	159865	160143	0.46	cps
Selenium	77-2	90	77	70	79	12.91	cps
Selenium	78-2	65	104	72	80	25.73	cps
Selenium	82-1	8	227	117	117	93.17	cps
Silicon	28-1	2622270	2585536	2691702	2633169	2.05	cps
Silver	109-1	2667	2934	2650	2750	5.78	cps
Silver	107-1	2784	2742	2767	2764	0.76	cps
Sodium	23-2	116054	115845	117205	116368	0.63	cps
Strontium	86-1	47421	46743	46668	46944	0.88	cps
Strontium	88-1	408285	400541	403358	404061	0.97	cps
Sulfur	34-1	288783	287192	287642	287872	0.28	cps
Terbium	159-1	5991604	6012531	6042504	6015546	0.43	cps
Terbium	159-2	2793022	2814600	2841629	2816417	0.86	cps
Thallium	203-1	592	467	442	500	16.07	cps
Thallium	205-1	1358	1208	1050	1206	12.79	cps
Tin	118-1	84755	83766	84830	84451	0.70	cps
Titanium	47-1	398632	394431	399824	397629	0.71	cps
Uranium	238-1	15260	15735	15009	15335	2.40	cps
Vanadium	51-2	48995	48945	49496	49145	0.62	cps
Yttrium	89-1	6050226	6132100	6093632	6091986	0.67	cps
Yttrium	89-2	796195	791524	795568	794429	0.32	cps
Zinc	66-2	36178	35557	35811	35848	0.87	cps
Zirconium	90-1	14850	14725	14333	14636	1.84	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-07	Instrumnet Name :	P7
Client Sample ID :	B-78(0.5-1.5)-102517	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:21:52	DataFile Name :	083SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3017	3384	3609	3337	8.95	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-08	Instrumnet Name :	P7
Client Sample ID :	B-78(5-7)-102517	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:25:19	DataFile Name :	084SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	224571	223404	223183	223720	0.33	cps
Antimony	121-1	79064	79316	77314	78565	1.39	cps
Arsenic	75-2	2750	2648	2715	2705	1.91	cps
Barium	135-1	192551	191485	193099	192378	0.43	cps
Barium	137-1	330061	331288	330579	330643	0.19	cps
Beryllium	9-1	361	467	389	406	13.49	cps
Bismuth	209-1	2923102	2944999	2970969	2946357	0.81	cps
Bismuth	209-2	1882793	1905498	1910586	1899626	0.78	cps
Boron	10-1	1575	1533	1400	1503	6.08	cps
Boron	11-1	7469	7252	7702	7474	3.01	cps
Cadmium	111-1	1713	1708	1698	1707	0.43	cps
Cadmium	106-1	1517	1492	1500	1503	0.85	cps
Cadmium	108-1	58	75	50	61	20.83	cps
Calcium	43-1	318377	320134	317933	318815	0.37	cps
Calcium	44-1	5126976	5158569	5112292	5132612	0.46	cps
Chromium	52-2	22310	23295	22611	22739	2.22	cps
Cobalt	59-2	12415	12626	12539	12527	0.84	cps
Copper	63-2	219739	220051	221278	220356	0.37	cps
Dysprosium	156-1	6160	5960	6010	6043	1.72	cps
Dysprosium	156-2	2984	3057	3170	3070	3.06	cps
Erbium	164-1	5126	5493	5193	5271	3.71	cps
Erbium	164-2	2700	2580	2707	2663	2.68	cps
Gadolinium	160-1	5927	5493	5810	5743	3.91	cps
Gadolinium	160-2	3070	3260	3174	3168	3.00	cps
Holmium	165-1	5582383	5708608	5754115	5681702	1.57	cps
Holmium	165-2	2777885	2747257	2747865	2757669	0.63	cps
Indium	115-1	4814074	4853114	4846540	4837910	0.43	cps
Indium	115-2	856559	857980	866637	860392	0.63	cps
Iron	56-2	19160134	19127733	19242430	19176766	0.31	cps
Iron	57-2	495815	500392	499254	498487	0.48	cps
Lead	206-1	1923835	1924434	1908711	1918993	0.46	cps
Lead	207-1	1630024	1613168	1626985	1623392	0.55	cps
Lead	208-1	7657460	7686719	7685418	7676532	0.22	cps
Lithium	6-1	1545775	1523945	1537035	1535585	0.72	cps
Magnesium	24-2	473401	472147	482042	475864	1.13	cps
Manganese	55-2	214683	215173	215316	215057	0.15	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-08	Instrumnet Name :	P7
Client Sample ID :	B-78(5-7)-102517	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:25:19	DataFile Name :	084SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6535	5993	6035	6188	4.87	cps
Molybdenum	95-1	2892	2900	2934	2909	0.76	cps
Molybdenum	96-1	4067	4176	4268	4170	2.40	cps
Molybdenum	97-1	1959	1909	1800	1889	4.29	cps
Molybdenum	98-1	4734	4576	4518	4609	2.43	cps
Neodymium	150-1	8883	9143	9103	9043	1.55	cps
Neodymium	150-2	3551	3504	3601	3552	1.36	cps
Nickel	60-2	9597	9757	9707	9687	0.85	cps
Phosphorus	31-2	5443	5151	4851	5148	5.75	cps
Potassium	39-2	96287	95816	97260	96454	0.76	cps
Rhodium	103-1	4732494	4811402	4797478	4780458	0.88	cps
Rhodium	103-2	2153403	2148841	2174882	2159042	0.64	cps
Scandium	45-1	3763653	3781266	3837342	3794087	1.01	cps
Scandium	45-2	154718	155281	156460	155486	0.57	cps
Selenium	77-2	23	17	7	16	53.90	cps
Selenium	78-2	63	41	37	47	29.88	cps
Selenium	82-1	156	156	119	143	14.98	cps
Silicon	28-1	3871265	3833116	3852419	3852267	0.50	cps
Silver	109-1	3484	4034	3601	3706	7.82	cps
Silver	107-1	4034	4251	3759	4015	6.14	cps
Sodium	23-2	137020	138626	138215	137954	0.60	cps
Strontium	86-1	145263	141534	141820	142873	1.45	cps
Strontium	88-1	1229268	1209708	1215481	1218152	0.83	cps
Sulfur	34-1	320961	317825	317517	318768	0.60	cps
Terbium	159-1	5985533	5968827	6054538	6002966	0.76	cps
Terbium	159-2	2799464	2737627	2806161	2781084	1.36	cps
Thallium	203-1	467	458	383	436	10.53	cps
Thallium	205-1	1150	1192	1100	1147	4.00	cps
Tin	118-1	296426	301165	295792	297795	0.99	cps
Titanium	47-1	144637	146176	147700	146171	1.05	cps
Uranium	238-1	4801	5001	4893	4898	2.05	cps
Vanadium	51-2	18248	18071	17721	18013	1.49	cps
Yttrium	89-1	5687658	5766632	5846834	5767041	1.38	cps
Yttrium	89-2	762698	761526	763726	762650	0.14	cps
Zinc	66-2	76637	76138	77126	76633	0.64	cps
Zirconium	90-1	13073	12831	12739	12881	1.34	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-08	Instrumnet Name :	P7
Client Sample ID :	B-78(5-7)-102517	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:25:19	DataFile Name :	084SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2959	2717	2784	2820	4.43	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-02	Instrumnet Name :	P7
Client Sample ID :	B-79(1-2)-102617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:28:45	DataFile Name :	085SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	373593	384364	377822	378593	1.43	cps
Antimony	121-1	9212	9345	8987	9181	1.97	cps
Arsenic	75-2	1791	1800	1819	1803	0.78	cps
Barium	135-1	419401	422654	420312	420789	0.40	cps
Barium	137-1	715857	721064	728595	721839	0.89	cps
Beryllium	9-1	756	728	644	709	8.15	cps
Bismuth	209-1	2967630	2876716	2947558	2930635	1.63	cps
Bismuth	209-2	1872078	1871966	1945756	1896600	2.24	cps
Boron	10-1	1100	1167	1275	1181	7.48	cps
Boron	11-1	5418	5568	5084	5357	4.62	cps
Cadmium	111-1	1974	2099	1960	2011	3.80	cps
Cadmium	106-1	1400	1383	1383	1389	0.69	cps
Cadmium	108-1	104	129	125	119	11.21	cps
Calcium	43-1	231249	231334	228480	230354	0.71	cps
Calcium	44-1	3765132	3714683	3718986	3732934	0.75	cps
Chromium	52-2	48008	49209	49286	48834	1.47	cps
Cobalt	59-2	18278	18095	18212	18195	0.51	cps
Copper	63-2	131135	132796	134111	132681	1.12	cps
Dysprosium	156-1	11088	11355	11680	11375	2.61	cps
Dysprosium	156-2	5461	5364	5545	5457	1.65	cps
Erbium	164-1	10088	10179	10304	10190	1.07	cps
Erbium	164-2	4868	4998	4961	4942	1.36	cps
Gadolinium	160-1	9762	10338	10238	10113	3.04	cps
Gadolinium	160-2	5981	6121	6318	6140	2.76	cps
Holmium	165-1	5616065	5516304	5627174	5586514	1.09	cps
Holmium	165-2	2775146	2704530	2798200	2759292	1.77	cps
Indium	115-1	4819860	4710511	4797538	4775970	1.21	cps
Indium	115-2	849687	846131	866240	854019	1.26	cps
Iron	56-2	14070901	14120381	14115273	14102185	0.19	cps
Iron	57-2	362245	369017	367434	366232	0.97	cps
Lead	206-1	2481003	2471609	2463080	2471897	0.36	cps
Lead	207-1	1981305	1971195	1997460	1983320	0.67	cps
Lead	208-1	9680035	9668964	9712617	9687205	0.23	cps
Lithium	6-1	1519934	1501265	1522194	1514464	0.76	cps
Magnesium	24-2	294163	294036	294172	294124	0.03	cps
Manganese	55-2	239471	243059	242897	241809	0.84	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-02	Instrumnet Name :	P7
Client Sample ID :	B-79(1-2)-102617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:28:45	DataFile Name :	085SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7494	7452	7177	7374	2.33	cps
Molybdenum	95-1	4984	5143	5226	5118	2.40	cps
Molybdenum	96-1	6335	6527	6052	6304	3.79	cps
Molybdenum	97-1	3092	3292	3209	3198	3.14	cps
Molybdenum	98-1	8178	8253	8253	8228	0.53	cps
Neodymium	150-1	16270	15843	15930	16014	1.41	cps
Neodymium	150-2	6181	6385	6568	6378	3.03	cps
Nickel	60-2	9370	9473	9663	9502	1.57	cps
Phosphorus	31-2	2075	2250	2225	2184	4.34	cps
Potassium	39-2	77687	77377	79204	78089	1.25	cps
Rhodium	103-1	4776343	4637473	4693931	4702582	1.49	cps
Rhodium	103-2	2120206	2118706	2171028	2136647	1.39	cps
Scandium	45-1	3774637	3692934	3759453	3742341	1.16	cps
Scandium	45-2	153994	153735	159581	155770	2.12	cps
Selenium	77-2	23	17	27	22	22.91	cps
Selenium	78-2	76	48	43	56	32.15	cps
Selenium	82-1	167	111	137	138	20.30	cps
Silicon	28-1	9101786	9277450	9031496	9136910	1.39	cps
Silver	109-1	1608	2025	2009	1881	12.54	cps
Silver	107-1	2134	1884	2109	2042	6.74	cps
Sodium	23-2	77099	76060	77651	76936	1.05	cps
Strontium	86-1	93999	92230	92640	92956	1.00	cps
Strontium	88-1	799217	797125	795864	797402	0.21	cps
Sulfur	34-1	285281	284194	286495	285323	0.40	cps
Terbium	159-1	5845243	5924103	6035541	5934962	1.61	cps
Terbium	159-2	2718120	2738881	2795733	2750911	1.46	cps
Thallium	203-1	342	375	350	356	4.88	cps
Thallium	205-1	917	842	717	825	12.25	cps
Tin	118-1	355877	354249	357982	356036	0.53	cps
Titanium	47-1	168561	165706	165472	166579	1.03	cps
Uranium	238-1	6627	6777	6877	6760	1.86	cps
Vanadium	51-2	34387	34734	33652	34258	1.61	cps
Yttrium	89-1	5721160	5784670	5792161	5765997	0.68	cps
Yttrium	89-2	761106	752670	781626	765134	1.95	cps
Zinc	66-2	101111	101070	100274	100818	0.47	cps
Zirconium	90-1	11338	11347	11588	11424	1.24	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-02	Instrumnet Name :	P7
Client Sample ID :	B-79(1-2)-102617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:28:45	DataFile Name :	085SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2575	2650	2700	2642	2.38	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-03	Instrumnet Name :	P7
Client Sample ID :	B-79(5-6)-102617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:32:11	DataFile Name :	086SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	449825	453703	450789	451439	0.45	cps
Antimony	121-1	2184	2359	2209	2250	4.21	cps
Arsenic	75-2	680	678	752	703	6.01	cps
Barium	135-1	100680	98263	97079	98674	1.86	cps
Barium	137-1	171227	171180	167170	169859	1.37	cps
Beryllium	9-1	689	694	822	735	10.26	cps
Bismuth	209-1	2990550	2906825	2915094	2937489	1.57	cps
Bismuth	209-2	1876324	1905744	1909331	1897133	0.95	cps
Boron	10-1	833	658	733	742	11.84	cps
Boron	11-1	3634	3892	3776	3767	3.43	cps
Cadmium	111-1	1334	1304	1343	1327	1.53	cps
Cadmium	106-1	1575	1425	1550	1517	5.30	cps
Cadmium	108-1	50	50	54	51	4.68	cps
Calcium	43-1	110014	110360	111031	110468	0.47	cps
Calcium	44-1	1768763	1738995	1733414	1747057	1.09	cps
Chromium	52-2	30391	30722	30852	30655	0.78	cps
Cobalt	59-2	21172	21479	21883	21512	1.66	cps
Copper	63-2	57864	57995	57540	57799	0.41	cps
Dysprosium	156-1	13048	13032	12923	13001	0.52	cps
Dysprosium	156-2	6612	6275	6282	6389	3.01	cps
Erbium	164-1	11989	11238	11664	11630	3.24	cps
Erbium	164-2	5841	5725	5735	5767	1.12	cps
Gadolinium	160-1	13232	12773	12473	12826	2.98	cps
Gadolinium	160-2	7065	7402	7225	7231	2.33	cps
Holmium	165-1	5704863	5691760	5661803	5686142	0.39	cps
Holmium	165-2	2788422	2797161	2754465	2780016	0.81	cps
Indium	115-1	4844508	4826139	4822344	4830997	0.25	cps
Indium	115-2	839198	851404	860194	850265	1.24	cps
Iron	56-2	18496709	18461016	18357321	18438349	0.39	cps
Iron	57-2	476182	480819	483968	480323	0.82	cps
Lead	206-1	196178	192479	193235	193964	1.01	cps
Lead	207-1	163539	159187	162577	161768	1.41	cps
Lead	208-1	757892	742833	751952	750892	1.01	cps
Lithium	6-1	1548065	1523018	1507199	1526094	1.35	cps
Magnesium	24-2	353128	356281	353625	354345	0.48	cps
Manganese	55-2	246688	247668	251882	248746	1.11	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-03	Instrumnet Name :	P7
Client Sample ID :	B-79(5-6)-102617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:32:11	DataFile Name :	086SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6852	6510	6835	6732	2.86	cps
Molybdenum	95-1	2625	2717	2942	2761	5.90	cps
Molybdenum	96-1	3909	4034	4009	3984	1.66	cps
Molybdenum	97-1	1734	1909	1784	1809	4.99	cps
Molybdenum	98-1	4568	4426	4376	4456	2.23	cps
Neodymium	150-1	19548	18880	18900	19109	1.99	cps
Neodymium	150-2	7602	7272	8126	7667	5.62	cps
Nickel	60-2	8019	8239	8116	8125	1.36	cps
Phosphorus	31-2	1258	1333	1200	1264	5.29	cps
Potassium	39-2	72586	74211	73424	73407	1.11	cps
Rhodium	103-1	4809119	4806824	4765692	4793878	0.51	cps
Rhodium	103-2	2126730	2140480	2160367	2142526	0.79	cps
Scandium	45-1	3782981	3816112	3750979	3783358	0.86	cps
Scandium	45-2	154992	153840	156577	155136	0.89	cps
Selenium	77-2	23	23	43	30	38.49	cps
Selenium	78-2	35	54	57	49	24.41	cps
Selenium	82-1	86	72	-12	49	109.52	cps
Silicon	28-1	5218461	5261867	5265613	5248647	0.50	cps
Silver	109-1	650	883	950	828	19.03	cps
Silver	107-1	900	808	900	870	6.09	cps
Sodium	23-2	73103	74376	72383	73287	1.38	cps
Strontium	86-1	40776	41277	41904	41319	1.37	cps
Strontium	88-1	356813	351915	353423	354050	0.71	cps
Sulfur	34-1	273473	274418	271873	273255	0.47	cps
Terbium	159-1	6011951	6051806	5993979	6019246	0.49	cps
Terbium	159-2	2733621	2737241	2746140	2739001	0.24	cps
Thallium	203-1	417	308	208	311	33.49	cps
Thallium	205-1	592	592	500	561	9.43	cps
Tin	118-1	311067	308976	308169	309404	0.48	cps
Titanium	47-1	191503	194325	192017	192615	0.78	cps
Uranium	238-1	8595	7636	8445	8225	6.27	cps
Vanadium	51-2	30321	29867	29784	29991	0.96	cps
Yttrium	89-1	5872591	5785633	5802337	5820187	0.79	cps
Yttrium	89-2	757028	765820	770530	764459	0.90	cps
Zinc	66-2	22911	23703	23326	23313	1.70	cps
Zirconium	90-1	14466	14875	14249	14530	2.19	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-03	Instrumnet Name :	P7
Client Sample ID :	B-79(5-6)-102617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 22:32:11	DataFile Name :	086SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3251	3092	3050	3131	3.37	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6120-04DLX20	Instrumnet Name :	P7
Client Sample ID :	B-68(1-2)-102417	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:35:37	DataFile Name :	087SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20390	20899	20915	20735	1.44	cps
Antimony	121-1	1225	1400	1250	1292	7.33	cps
Arsenic	75-2	50	83	94	76	30.47	cps
Barium	135-1	19748	19656	19222	19542	1.44	cps
Barium	137-1	33784	33767	33608	33720	0.29	cps
Beryllium	9-1	122	128	50	100	43.39	cps
Bismuth	209-1	2885471	2899861	2872700	2886011	0.47	cps
Bismuth	209-2	1855487	1896042	1882647	1878059	1.10	cps
Boron	10-1	408	433	458	433	5.77	cps
Boron	11-1	2267	2142	1809	2072	11.43	cps
Cadmium	111-1	914	991	865	924	6.87	cps
Cadmium	106-1	1267	1375	1175	1272	7.87	cps
Cadmium	108-1	8	13	4	8	49.98	cps
Calcium	43-1	41434	39395	40047	40292	2.58	cps
Calcium	44-1	658540	651126	658255	655974	0.64	cps
Chromium	52-2	2237	2340	2424	2334	4.01	cps
Cobalt	59-2	1290	1197	1260	1249	3.82	cps
Copper	63-2	8930	9216	9256	9134	1.95	cps
Dysprosium	156-1	583	767	750	700	14.48	cps
Dysprosium	156-2	390	367	340	366	6.84	cps
Erbium	164-1	683	708	567	653	11.58	cps
Erbium	164-2	343	343	307	331	6.39	cps
Gadolinium	160-1	700	575	742	672	12.90	cps
Gadolinium	160-2	423	400	420	414	3.05	cps
Holmium	165-1	5583725	5543925	5546708	5558119	0.40	cps
Holmium	165-2	2739763	2734552	2748000	2740772	0.25	cps
Indium	115-1	4776340	4779068	4802531	4785980	0.30	cps
Indium	115-2	855010	853953	860937	856634	0.44	cps
Iron	56-2	650411	655130	656159	653900	0.47	cps
Iron	57-2	16526	16665	16304	16499	1.10	cps
Lead	206-1	108993	106098	106293	107128	1.51	cps
Lead	207-1	91693	90237	88968	90300	1.51	cps
Lead	208-1	422954	414392	414642	417329	1.17	cps
Lithium	6-1	1513225	1486948	1496670	1498948	0.89	cps
Magnesium	24-2	20623	21149	21842	21205	2.88	cps
Manganese	55-2	13133	13340	13576	13350	1.66	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6120-04DLX20	Instrumnet Name :	P7
Client Sample ID :	B-68(1-2)-102417	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:35:37	DataFile Name :	087SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	767	992	917	892	12.85	cps
Molybdenum	95-1	242	225	283	250	12.02	cps
Molybdenum	96-1	350	367	425	381	10.35	cps
Molybdenum	97-1	183	150	175	169	10.24	cps
Molybdenum	98-1	383	367	325	358	8.38	cps
Neodymium	150-1	1040	1013	1033	1029	1.35	cps
Neodymium	150-2	430	403	413	416	3.24	cps
Nickel	60-2	743	730	660	711	6.29	cps
Phosphorus	31-2	125	133	125	128	3.76	cps
Potassium	39-2	26241	26867	26157	26422	1.47	cps
Rhodium	103-1	4694894	4747013	4719447	4720451	0.55	cps
Rhodium	103-2	2104768	2128682	2135769	2123073	0.77	cps
Scandium	45-1	3667038	3695897	3719854	3694263	0.72	cps
Scandium	45-2	152866	154977	153712	153852	0.69	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	44	37	46	43	11.50	cps
Selenium	82-1	80	38	32	50	51.54	cps
Silicon	28-1	712383	710684	718774	713947	0.60	cps
Silver	109-1	392	358	375	375	4.45	cps
Silver	107-1	400	375	433	403	7.27	cps
Sodium	23-2	64481	64105	65251	64612	0.90	cps
Strontium	86-1	28429	28437	28338	28401	0.19	cps
Strontium	88-1	245975	241673	245043	244230	0.93	cps
Sulfur	34-1	271422	271718	272077	271739	0.12	cps
Terbium	159-1	5883445	5831912	5768658	5828005	0.99	cps
Terbium	159-2	2761238	2790370	2797412	2783007	0.69	cps
Thallium	203-1	50	42	42	44	10.82	cps
Thallium	205-1	142	117	108	122	14.19	cps
Tin	118-1	13766	13941	13098	13602	3.27	cps
Titanium	47-1	17252	16101	18518	17290	6.99	cps
Uranium	238-1	358	317	383	353	9.55	cps
Vanadium	51-2	1573	1420	1550	1515	5.46	cps
Yttrium	89-1	5481399	5513406	5600197	5531667	1.11	cps
Yttrium	89-2	739771	745389	745783	743648	0.45	cps
Zinc	66-2	4724	4984	5098	4935	3.88	cps
Zirconium	90-1	1859	2217	1975	2017	9.06	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6120-04DLX20	Instrumnet Name :	P7
Client Sample ID :	B-68(1-2)-102417	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:35:37	DataFile Name :	087SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	575	425	450	483	16.63	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-05DLX20	Instrumnet Name :	P7
Client Sample ID :	B-3(1-2)-102517	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:39:05	DataFile Name :	088SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12681	12931	13515	13042	3.28	cps
Antimony	121-1	1008	1342	1208	1186	14.15	cps
Arsenic	75-2	85	111	100	99	13.17	cps
Barium	135-1	23103	22511	23771	23128	2.73	cps
Barium	137-1	38295	39164	38387	38616	1.24	cps
Beryllium	9-1	89	89	94	91	3.54	cps
Bismuth	209-1	2887967	2874553	2882718	2881746	0.23	cps
Bismuth	209-2	1850023	1900129	1927105	1892419	2.07	cps
Boron	10-1	383	467	350	400	15.02	cps
Boron	11-1	1825	1650	1658	1711	5.77	cps
Cadmium	111-1	1070	1054	1242	1122	9.29	cps
Cadmium	106-1	1333	1317	1533	1395	8.65	cps
Cadmium	108-1	25	25	21	24	10.20	cps
Calcium	43-1	5268	5668	5360	5432	3.86	cps
Calcium	44-1	100625	100817	100591	100678	0.12	cps
Chromium	52-2	3140	3270	3350	3254	3.26	cps
Cobalt	59-2	887	913	763	854	9.37	cps
Copper	63-2	9353	9150	9003	9169	1.92	cps
Dysprosium	156-1	558	600	483	547	10.80	cps
Dysprosium	156-2	183	263	270	239	20.19	cps
Erbium	164-1	492	550	425	489	12.79	cps
Erbium	164-2	290	300	267	286	5.99	cps
Gadolinium	160-1	458	542	542	514	9.36	cps
Gadolinium	160-2	320	363	400	361	11.09	cps
Holmium	165-1	5565961	5571447	5508324	5548577	0.63	cps
Holmium	165-2	2733445	2747935	2800815	2760732	1.28	cps
Indium	115-1	4801669	4691161	4706207	4733012	1.27	cps
Indium	115-2	844371	849889	864331	852863	1.21	cps
Iron	56-2	649403	646263	648368	648012	0.25	cps
Iron	57-2	16165	16665	16204	16345	1.70	cps
Lead	206-1	169342	170934	168650	169642	0.69	cps
Lead	207-1	142758	141665	139402	141275	1.21	cps
Lead	208-1	659439	662184	652313	657978	0.77	cps
Lithium	6-1	1521357	1505937	1496710	1508001	0.83	cps
Magnesium	24-2	17052	16935	16952	16980	0.37	cps
Manganese	55-2	10347	10614	10627	10529	1.50	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-05DLX20	Instrumnet Name :	P7
Client Sample ID :	B-3(1-2)-102517	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:39:05	DataFile Name :	088SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	342	333	408	361	11.38	cps
Molybdenum	95-1	167	183	83	144	37.09	cps
Molybdenum	96-1	308	242	275	275	12.12	cps
Molybdenum	97-1	125	142	158	142	11.76	cps
Molybdenum	98-1	258	258	300	272	8.84	cps
Neodymium	150-1	867	847	733	816	8.82	cps
Neodymium	150-2	363	337	293	331	10.67	cps
Nickel	60-2	620	583	577	593	3.93	cps
Phosphorus	31-2	58	200	142	133	53.40	cps
Potassium	39-2	18512	18871	18896	18760	1.15	cps
Rhodium	103-1	4675045	4680391	4644055	4666497	0.42	cps
Rhodium	103-2	2108595	2135285	2141791	2128557	0.83	cps
Scandium	45-1	3649749	3657004	3619241	3641998	0.55	cps
Scandium	45-2	152623	152580	156662	153955	1.52	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	33	41	28	34	19.15	cps
Selenium	82-1	106	76	117	100	21.29	cps
Silicon	28-1	473833	479425	477028	476762	0.59	cps
Silver	109-1	292	317	333	314	6.68	cps
Silver	107-1	292	283	208	261	17.58	cps
Sodium	23-2	27167	28261	26900	27443	2.63	cps
Strontium	86-1	2342	2425	1917	2228	12.24	cps
Strontium	88-1	16327	17036	16035	16466	3.13	cps
Sulfur	34-1	277727	278125	272293	276048	1.18	cps
Terbium	159-1	5901459	5869795	5812739	5861331	0.77	cps
Terbium	159-2	2720640	2762948	2796233	2759941	1.37	cps
Thallium	203-1	42	33	67	47	36.74	cps
Thallium	205-1	83	92	125	100	22.05	cps
Tin	118-1	4226	3851	4067	4048	4.65	cps
Titanium	47-1	7686	7636	7586	7636	0.66	cps
Uranium	238-1	292	308	317	306	4.17	cps
Vanadium	51-2	1340	1367	1283	1330	3.20	cps
Yttrium	89-1	5572271	5493834	5600972	5555692	1.00	cps
Yttrium	89-2	740958	744809	746258	744008	0.37	cps
Zinc	66-2	36062	36102	36325	36163	0.39	cps
Zirconium	90-1	708	708	925	781	16.03	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-05DLX20	Instrumnet Name :	P7
Client Sample ID :	B-3(1-2)-102517	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:39:05	DataFile Name :	088SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	225	250	200	225	11.11	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-06DLX20	Instrumnet Name :	P7
Client Sample ID :	B-3(2-3)-102517	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:42:32	DataFile Name :	089SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18270	18304	18203	18259	0.28	cps
Antimony	121-1	108	142	192	147	28.49	cps
Arsenic	75-2	50	54	41	48	13.87	cps
Barium	135-1	3276	3309	3284	3289	0.53	cps
Barium	137-1	6068	5910	5385	5788	6.18	cps
Beryllium	9-1	83	94	61	80	21.32	cps
Bismuth	209-1	2891102	2990418	2901098	2927539	1.87	cps
Bismuth	209-2	1838869	1880759	1881716	1867115	1.31	cps
Boron	10-1	383	275	383	347	18.02	cps
Boron	11-1	1517	1400	1450	1456	4.02	cps
Cadmium	111-1	937	872	908	906	3.62	cps
Cadmium	106-1	1325	1233	1292	1283	3.62	cps
Cadmium	108-1	4	0	0	1	173.21	cps
Calcium	43-1	1533	1325	1467	1442	7.38	cps
Calcium	44-1	38426	37891	38944	38420	1.37	cps
Chromium	52-2	1563	1550	1643	1586	3.18	cps
Cobalt	59-2	820	910	893	874	5.48	cps
Copper	63-2	3781	4061	4104	3982	4.41	cps
Dysprosium	156-1	658	717	742	706	6.06	cps
Dysprosium	156-2	300	380	297	326	14.49	cps
Erbium	164-1	692	558	517	589	15.52	cps
Erbium	164-2	347	287	333	322	9.78	cps
Gadolinium	160-1	675	550	475	567	17.83	cps
Gadolinium	160-2	420	357	407	394	8.46	cps
Holmium	165-1	5490949	5703085	5505646	5566560	2.13	cps
Holmium	165-2	2700709	2736187	2737983	2724960	0.77	cps
Indium	115-1	4751103	4789510	4818653	4786422	0.71	cps
Indium	115-2	836677	850384	850619	845893	0.94	cps
Iron	56-2	832368	841328	845835	839844	0.82	cps
Iron	57-2	20943	20442	21227	20871	1.90	cps
Lead	206-1	3645	3689	3412	3582	4.17	cps
Lead	207-1	2878	2950	2823	2884	2.22	cps
Lead	208-1	13931	14176	12903	13670	4.94	cps
Lithium	6-1	1512877	1542690	1512944	1522837	1.13	cps
Magnesium	24-2	12489	12364	12681	12511	1.28	cps
Manganese	55-2	19016	18525	18946	18829	1.41	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-06DLX20	Instrumnet Name :	P7
Client Sample ID :	B-3(2-3)-102517	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:42:32	DataFile Name :	089SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	358	442	267	356	24.62	cps
Molybdenum	95-1	92	67	150	103	41.61	cps
Molybdenum	96-1	117	150	200	156	26.96	cps
Molybdenum	97-1	67	75	92	78	16.37	cps
Molybdenum	98-1	242	167	150	186	26.24	cps
Neodymium	150-1	853	840	967	887	7.85	cps
Neodymium	150-2	397	347	383	376	6.89	cps
Nickel	60-2	387	423	363	391	7.73	cps
Phosphorus	31-2	75	150	108	111	33.82	cps
Potassium	39-2	18036	19346	18512	18632	3.56	cps
Rhodium	103-1	4673007	4801745	4713204	4729319	1.39	cps
Rhodium	103-2	2091512	2106763	2119591	2105955	0.67	cps
Scandium	45-1	3661151	3768307	3768528	3732662	1.66	cps
Scandium	45-2	150044	151085	152630	151253	0.86	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	39	26	28	31	22.71	cps
Selenium	82-1	100	41	92	78	41.20	cps
Silicon	28-1	453985	458728	444664	452459	1.58	cps
Silver	109-1	208	242	308	253	20.14	cps
Silver	107-1	200	333	183	239	34.42	cps
Sodium	23-2	24646	24972	24420	24679	1.12	cps
Strontium	86-1	933	758	900	864	10.76	cps
Strontium	88-1	4943	5001	4084	4676	10.98	cps
Sulfur	34-1	274144	274434	272956	273845	0.29	cps
Terbium	159-1	5868647	5994272	5947624	5936848	1.07	cps
Terbium	159-2	2718137	2718198	2684935	2707090	0.71	cps
Thallium	203-1	42	33	58	44	28.65	cps
Thallium	205-1	108	117	100	108	7.69	cps
Tin	118-1	750	708	675	711	5.28	cps
Titanium	47-1	5226	5460	5676	5454	4.13	cps
Uranium	238-1	333	542	408	428	24.67	cps
Vanadium	51-2	1023	1057	1083	1054	2.85	cps
Yttrium	89-1	5540380	5675777	5528255	5581470	1.47	cps
Yttrium	89-2	730665	731950	744574	735730	1.04	cps
Zinc	66-2	2380	2337	2290	2336	1.93	cps
Zirconium	90-1	892	975	767	878	11.95	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-06DLX20	Instrumnet Name :	P7
Client Sample ID :	B-3(2-3)-102517	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:42:32	DataFile Name :	089SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	92	142	119	21.31	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-07DLX20	Instrumnet Name :	P7
Client Sample ID :	B-78(0.5-1.5)-102517	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:46:00	DataFile Name :	090SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30265	30716	30064	30348	1.10	cps
Antimony	121-1	1784	1383	1650	1606	12.69	cps
Arsenic	75-2	76	65	76	72	8.88	cps
Barium	135-1	7936	8103	7761	7933	2.16	cps
Barium	137-1	14274	13574	13599	13816	2.88	cps
Beryllium	9-1	106	61	100	89	27.25	cps
Bismuth	209-1	2886478	2868135	2853302	2869305	0.58	cps
Bismuth	209-2	1830542	1865867	1870777	1855729	1.18	cps
Boron	10-1	358	383	267	336	18.28	cps
Boron	11-1	1433	1308	1375	1372	4.56	cps
Cadmium	111-1	981	884	938	934	5.19	cps
Cadmium	106-1	1375	1233	1317	1308	5.44	cps
Cadmium	108-1	4	13	0	6	114.53	cps
Calcium	43-1	4801	5018	4709	4843	3.27	cps
Calcium	44-1	96295	96631	95348	96091	0.69	cps
Chromium	52-2	2697	2660	2837	2731	3.41	cps
Cobalt	59-2	1410	1483	1423	1439	2.71	cps
Copper	63-2	10164	9957	10064	10061	1.03	cps
Dysprosium	156-1	1250	1242	1133	1208	5.39	cps
Dysprosium	156-2	557	603	653	604	8.00	cps
Erbium	164-1	1042	875	1100	1006	11.61	cps
Erbium	164-2	507	527	533	522	2.66	cps
Gadolinium	160-1	1050	1258	1150	1153	9.04	cps
Gadolinium	160-2	717	620	743	693	9.36	cps
Holmium	165-1	5506830	5537492	5484937	5509753	0.48	cps
Holmium	165-2	2709202	2737070	2744933	2730402	0.69	cps
Indium	115-1	4733777	4660575	4645284	4679879	1.01	cps
Indium	115-2	836107	839752	848653	841504	0.77	cps
Iron	56-2	1709618	1744354	1736246	1730073	1.05	cps
Iron	57-2	43225	44585	43944	43918	1.55	cps
Lead	206-1	48957	48489	47870	48439	1.13	cps
Lead	207-1	40468	40423	39353	40081	1.57	cps
Lead	208-1	189057	187968	186055	187694	0.81	cps
Lithium	6-1	1503048	1514799	1492448	1503432	0.74	cps
Magnesium	24-2	22943	22910	22951	22935	0.10	cps
Manganese	55-2	31858	33007	32927	32597	1.97	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-07DLX20	Instrumnet Name :	P7
Client Sample ID :	B-78(0.5-1.5)-102517	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:46:00	DataFile Name :	090SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	375	450	408	411	9.14	cps
Molybdenum	95-1	117	83	225	142	52.28	cps
Molybdenum	96-1	150	250	325	242	36.33	cps
Molybdenum	97-1	150	75	117	114	33.00	cps
Molybdenum	98-1	292	225	242	253	13.73	cps
Neodymium	150-1	1694	1720	1694	1702	0.90	cps
Neodymium	150-2	700	640	643	661	5.10	cps
Nickel	60-2	683	683	657	674	2.28	cps
Phosphorus	31-2	150	150	183	161	11.94	cps
Potassium	39-2	23586	23269	23795	23550	1.12	cps
Rhodium	103-1	4619974	4686466	4671176	4659205	0.75	cps
Rhodium	103-2	2072377	2114703	2096784	2094621	1.01	cps
Scandium	45-1	3617925	3636775	3662341	3639014	0.61	cps
Scandium	45-2	151193	152634	152721	152183	0.56	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	22	22	35	27	28.21	cps
Selenium	82-1	66	59	60	62	5.69	cps
Silicon	28-1	356686	354390	349637	353571	1.02	cps
Silver	109-1	325	258	275	286	12.13	cps
Silver	107-1	300	333	325	319	5.43	cps
Sodium	23-2	25197	24813	25589	25200	1.54	cps
Strontium	86-1	2475	2392	2467	2445	1.88	cps
Strontium	88-1	19355	19072	19572	19333	1.30	cps
Sulfur	34-1	271185	271616	267067	269956	0.93	cps
Terbium	159-1	5758081	5898838	5854965	5837295	1.23	cps
Terbium	159-2	2696187	2757330	2689957	2714491	1.37	cps
Thallium	203-1	25	58	92	58	57.14	cps
Thallium	205-1	125	117	125	122	3.94	cps
Tin	118-1	4668	4267	4776	4570	5.86	cps
Titanium	47-1	18904	19029	19004	18979	0.35	cps
Uranium	238-1	683	800	833	772	10.20	cps
Vanadium	51-2	2440	2504	2357	2434	3.02	cps
Yttrium	89-1	5468194	5594910	5452841	5505315	1.42	cps
Yttrium	89-2	730271	733639	733290	732400	0.25	cps
Zinc	66-2	2410	2494	2520	2475	2.32	cps
Zirconium	90-1	1067	883	992	981	9.40	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-07DLX20	Instrumnet Name :	P7
Client Sample ID :	B-78(0.5-1.5)-102517	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:46:00	DataFile Name :	090SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	258	242	233	244	5.21	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-08DLX20	Instrumnet Name :	P7
Client Sample ID :	B-78(5-7)-102517	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:49:27	DataFile Name :	091SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11096	10704	11421	11074	3.24	cps
Antimony	121-1	3817	3592	3942	3784	4.69	cps
Arsenic	75-2	107	130	117	118	9.47	cps
Barium	135-1	8344	8720	9212	8759	4.97	cps
Barium	137-1	15242	15159	15968	15456	2.88	cps
Beryllium	9-1	72	33	67	57	36.64	cps
Bismuth	209-1	2824020	2835265	2885437	2848241	1.15	cps
Bismuth	209-2	1840351	1860680	1885763	1862265	1.22	cps
Boron	10-1	392	333	300	342	13.58	cps
Boron	11-1	1325	1400	1342	1356	2.90	cps
Cadmium	111-1	935	795	1026	919	12.70	cps
Cadmium	106-1	1308	1092	1417	1272	13.01	cps
Cadmium	108-1	8	4	4	6	43.22	cps
Calcium	43-1	15058	14983	14958	15000	0.35	cps
Calcium	44-1	258882	258005	255823	257570	0.61	cps
Chromium	52-2	1893	1773	1747	1805	4.33	cps
Cobalt	59-2	650	653	627	643	2.26	cps
Copper	63-2	10774	11018	10557	10783	2.14	cps
Dysprosium	156-1	258	292	325	292	11.43	cps
Dysprosium	156-2	187	133	97	139	32.58	cps
Erbium	164-1	208	208	208	208	0.00	cps
Erbium	164-2	137	177	173	162	13.68	cps
Gadolinium	160-1	317	225	358	300	22.74	cps
Gadolinium	160-2	190	197	177	188	5.42	cps
Holmium	165-1	5370347	5547934	5510070	5476117	1.71	cps
Holmium	165-2	2708206	2747784	2756180	2737390	0.94	cps
Indium	115-1	4654012	4651538	4657053	4654201	0.06	cps
Indium	115-2	835896	849698	847042	844212	0.87	cps
Iron	56-2	954923	955746	953186	954618	0.14	cps
Iron	57-2	24254	24226	24604	24361	0.87	cps
Lead	206-1	96101	95804	97355	96420	0.85	cps
Lead	207-1	79084	79080	78990	79051	0.07	cps
Lead	208-1	373600	369057	370184	370947	0.64	cps
Lithium	6-1	1518784	1489912	1500140	1502945	0.97	cps
Magnesium	24-2	23452	23786	24404	23881	2.02	cps
Manganese	55-2	10274	10394	10157	10275	1.15	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-08DLX20	Instrumnet Name :	P7
Client Sample ID :	B-78(5-7)-102517	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:49:27	DataFile Name :	091SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	417	333	350	367	12.03	cps
Molybdenum	95-1	125	150	158	144	12.01	cps
Molybdenum	96-1	317	308	208	278	21.70	cps
Molybdenum	97-1	150	100	225	158	39.74	cps
Molybdenum	98-1	258	192	200	217	16.77	cps
Neodymium	150-1	387	387	460	411	10.30	cps
Neodymium	150-2	210	153	153	172	19.00	cps
Nickel	60-2	460	520	490	490	6.12	cps
Phosphorus	31-2	333	283	342	319	9.88	cps
Potassium	39-2	19413	19747	19330	19497	1.13	cps
Rhodium	103-1	4689582	4592623	4604092	4628766	1.14	cps
Rhodium	103-2	2077632	2126682	2118143	2107486	1.24	cps
Scandium	45-1	3637186	3592254	3590860	3606767	0.73	cps
Scandium	45-2	148554	152893	152449	151298	1.58	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	37	35	33	35	5.27	cps
Selenium	82-1	90	107	108	102	10.15	cps
Silicon	28-1	414033	412751	415972	414252	0.39	cps
Silver	109-1	275	275	358	303	15.89	cps
Silver	107-1	433	417	267	372	24.66	cps
Sodium	23-2	26098	25531	26107	25912	1.27	cps
Strontium	86-1	7002	7552	7077	7210	4.14	cps
Strontium	88-1	61198	57842	56755	58598	3.95	cps
Sulfur	34-1	273072	273729	271455	272752	0.43	cps
Terbium	159-1	5836472	5782914	5727076	5782154	0.95	cps
Terbium	159-2	2717480	2745786	2759299	2740855	0.78	cps
Thallium	203-1	75	33	92	67	45.07	cps
Thallium	205-1	67	133	100	100	33.33	cps
Tin	118-1	14600	14758	14166	14508	2.11	cps
Titanium	47-1	6527	7035	6944	6835	3.97	cps
Uranium	238-1	225	225	283	244	13.78	cps
Vanadium	51-2	833	903	883	873	4.13	cps
Yttrium	89-1	5493192	5449032	5380030	5440751	1.05	cps
Yttrium	89-2	723147	735550	735700	731466	0.98	cps
Zinc	66-2	4044	4011	3877	3977	2.22	cps
Zirconium	90-1	925	958	1208	1031	15.03	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-08DLX20	Instrumnet Name :	P7
Client Sample ID :	B-78(5-7)-102517	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:49:27	DataFile Name :	091SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	292	167	225	228	27.46	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-02DLX20	Instrumnet Name :	P7
Client Sample ID :	B-79(1-2)-102617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:52:55	DataFile Name :	092SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19029	18930	18328	18762	2.02	cps
Antimony	121-1	467	475	483	475	1.75	cps
Arsenic	75-2	94	81	104	93	11.98	cps
Barium	135-1	19965	20583	20115	20221	1.59	cps
Barium	137-1	34176	35137	33232	34182	2.79	cps
Beryllium	9-1	128	67	100	98	31.17	cps
Bismuth	209-1	2886270	2836152	2866083	2862835	0.88	cps
Bismuth	209-2	1834935	1826898	1877485	1846439	1.47	cps
Boron	10-1	200	292	192	228	24.36	cps
Boron	11-1	1133	1375	1400	1303	11.31	cps
Cadmium	111-1	923	946	1073	980	8.24	cps
Cadmium	106-1	1267	1250	1492	1336	10.10	cps
Cadmium	108-1	8	13	25	15	56.79	cps
Calcium	43-1	11205	11255	11522	11327	1.50	cps
Calcium	44-1	197208	195375	194337	195640	0.74	cps
Chromium	52-2	3050	2900	3054	3001	2.92	cps
Cobalt	59-2	947	890	973	937	4.54	cps
Copper	63-2	6712	6912	7065	6896	2.57	cps
Dysprosium	156-1	517	458	575	517	11.29	cps
Dysprosium	156-2	267	270	303	280	7.24	cps
Erbium	164-1	433	450	458	447	2.85	cps
Erbium	164-2	253	230	190	224	14.27	cps
Gadolinium	160-1	592	633	383	536	24.98	cps
Gadolinium	160-2	300	307	377	328	12.96	cps
Holmium	165-1	5478567	5401115	5536914	5472198	1.24	cps
Holmium	165-2	2707425	2704086	2756025	2722512	1.07	cps
Indium	115-1	4679080	4668590	4659029	4668900	0.21	cps
Indium	115-2	837311	828588	854829	840243	1.59	cps
Iron	56-2	715213	724258	724722	721397	0.74	cps
Iron	57-2	17995	18423	18173	18197	1.18	cps
Lead	206-1	126328	122291	124035	124218	1.63	cps
Lead	207-1	99364	97668	97455	98162	1.07	cps
Lead	208-1	472380	464743	464066	467063	0.99	cps
Lithium	6-1	1506015	1498984	1506547	1503848	0.28	cps
Magnesium	24-2	14841	15242	14758	14947	1.73	cps
Manganese	55-2	11922	11808	11558	11763	1.58	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-02DLX20	Instrumnet Name :	P7
Client Sample ID :	B-79(1-2)-102617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:52:55	DataFile Name :	092SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	425	517	333	425	21.57	cps
Molybdenum	95-1	300	258	292	283	7.78	cps
Molybdenum	96-1	317	250	392	319	22.19	cps
Molybdenum	97-1	142	142	258	181	37.31	cps
Molybdenum	98-1	433	358	450	414	11.80	cps
Neodymium	150-1	720	800	653	724	10.14	cps
Neodymium	150-2	303	253	390	316	21.91	cps
Nickel	60-2	503	487	470	487	3.42	cps
Phosphorus	31-2	108	208	150	156	32.29	cps
Potassium	39-2	18763	19046	19355	19055	1.55	cps
Rhodium	103-1	4633755	4627374	4565100	4608743	0.82	cps
Rhodium	103-2	2081297	2066945	2109362	2085868	1.03	cps
Scandium	45-1	3619844	3571073	3636414	3609110	0.94	cps
Scandium	45-2	150014	148166	154797	150992	2.27	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	57	31	44	44	29.17	cps
Selenium	82-1	95	48	142	95	49.42	cps
Silicon	28-1	670429	665272	666678	667460	0.40	cps
Silver	109-1	267	233	208	236	12.40	cps
Silver	107-1	242	258	275	258	6.45	cps
Sodium	23-2	22317	22835	23160	22771	1.87	cps
Strontium	86-1	4626	4701	4601	4643	1.12	cps
Strontium	88-1	37634	38553	38653	38280	1.47	cps
Sulfur	34-1	272422	276140	278897	275819	1.18	cps
Terbium	159-1	5785529	5816417	5873340	5825096	0.76	cps
Terbium	159-2	2706238	2711090	2769840	2729056	1.30	cps
Thallium	203-1	58	50	8	39	68.89	cps
Thallium	205-1	108	150	83	114	29.57	cps
Tin	118-1	17578	17061	17361	17334	1.50	cps
Titanium	47-1	8620	7661	8186	8156	5.89	cps
Uranium	238-1	458	333	358	383	17.26	cps
Vanadium	51-2	1733	1670	1710	1705	1.88	cps
Yttrium	89-1	5428403	5463616	5430429	5440816	0.36	cps
Yttrium	89-2	725769	721999	733564	727111	0.81	cps
Zinc	66-2	5174	5138	5164	5159	0.37	cps
Zirconium	90-1	817	850	717	794	8.73	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-02DLX20	Instrumnet Name :	P7
Client Sample ID :	B-79(1-2)-102617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:52:55	DataFile Name :	092SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	175	183	178	2.71	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-03DLX20	Instrumnet Name :	P7
Client Sample ID :	B-79(5-6)-102617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:56:23	DataFile Name :	093SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22301	22952	22284	22512	1.69	cps
Antimony	121-1	200	217	183	200	8.33	cps
Arsenic	75-2	50	41	33	41	20.20	cps
Barium	135-1	4743	4684	4684	4704	0.72	cps
Barium	137-1	7919	7761	7978	7886	1.42	cps
Beryllium	9-1	72	78	83	78	7.15	cps
Bismuth	209-1	2764482	2879571	2923589	2855881	2.88	cps
Bismuth	209-2	1830042	1880339	1864158	1858180	1.38	cps
Boron	10-1	217	217	275	236	14.26	cps
Boron	11-1	1267	1208	1050	1175	9.54	cps
Cadmium	111-1	836	938	1030	935	10.39	cps
Cadmium	106-1	1158	1333	1450	1314	11.17	cps
Cadmium	108-1	0	0	8	3	173.21	cps
Calcium	43-1	5626	5176	5360	5387	4.20	cps
Calcium	44-1	104375	101505	103770	103217	1.47	cps
Chromium	52-2	2144	2050	2250	2148	4.66	cps
Cobalt	59-2	1090	1213	987	1097	10.35	cps
Copper	63-2	3260	3057	3367	3228	4.88	cps
Dysprosium	156-1	700	700	667	689	2.79	cps
Dysprosium	156-2	360	340	290	330	10.93	cps
Erbium	164-1	508	567	592	556	7.70	cps
Erbium	164-2	270	383	317	323	17.62	cps
Gadolinium	160-1	633	492	633	586	13.95	cps
Gadolinium	160-2	417	403	360	393	7.53	cps
Holmium	165-1	5365177	5546245	5506620	5472680	1.74	cps
Holmium	165-2	2708168	2744268	2731156	2727864	0.67	cps
Indium	115-1	4522528	4665943	4697677	4628716	2.02	cps
Indium	115-2	838713	848304	836761	841259	0.73	cps
Iron	56-2	917475	920241	937596	925104	1.18	cps
Iron	57-2	23041	23820	23708	23523	1.79	cps
Lead	206-1	9998	9376	9837	9737	3.32	cps
Lead	207-1	8336	8019	8297	8218	2.10	cps
Lead	208-1	38940	37611	38200	38250	1.74	cps
Lithium	6-1	1488433	1524536	1524796	1512588	1.38	cps
Magnesium	24-2	17569	17102	17569	17413	1.55	cps
Manganese	55-2	12092	12105	12399	12199	1.42	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-03DLX20	Instrumnet Name :	P7
Client Sample ID :	B-79(5-6)-102617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:56:23	DataFile Name :	093SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	417	492	450	453	8.30	cps
Molybdenum	95-1	108	183	133	142	26.96	cps
Molybdenum	96-1	208	225	292	242	18.25	cps
Molybdenum	97-1	175	158	33	122	63.35	cps
Molybdenum	98-1	250	208	300	253	18.16	cps
Neodymium	150-1	1040	953	840	945	10.62	cps
Neodymium	150-2	370	343	380	364	5.20	cps
Nickel	60-2	453	470	483	469	3.21	cps
Phosphorus	31-2	142	125	108	125	13.33	cps
Potassium	39-2	18337	18287	19030	18551	2.24	cps
Rhodium	103-1	4541838	4627585	4609626	4593016	0.98	cps
Rhodium	103-2	2078839	2131607	2085390	2098612	1.37	cps
Scandium	45-1	3554649	3579049	3700378	3611359	2.16	cps
Scandium	45-2	150896	152955	149258	151036	1.23	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	39	33	50	41	20.83	cps
Selenium	82-1	57	47	82	62	28.62	cps
Silicon	28-1	489378	480304	484523	484735	0.94	cps
Silver	109-1	133	208	183	175	21.82	cps
Silver	107-1	175	183	175	178	2.71	cps
Sodium	23-2	21733	22392	22735	22287	2.28	cps
Strontium	86-1	2200	2400	2309	2303	4.35	cps
Strontium	88-1	17395	16460	16427	16760	3.28	cps
Sulfur	34-1	278809	279390	280104	279434	0.23	cps
Terbium	159-1	5701365	5759755	5780783	5747301	0.72	cps
Terbium	159-2	2735158	2766801	2735972	2745977	0.66	cps
Thallium	203-1	33	17	75	42	72.11	cps
Thallium	205-1	92	75	150	106	37.31	cps
Tin	118-1	16193	15618	15543	15784	2.26	cps
Titanium	47-1	9612	9112	9604	9442	3.03	cps
Uranium	238-1	500	417	333	417	20.00	cps
Vanadium	51-2	1400	1283	1487	1390	7.34	cps
Yttrium	89-1	5362961	5508118	5564403	5478494	1.90	cps
Yttrium	89-2	727991	735071	725448	729503	0.68	cps
Zinc	66-2	1247	1217	1343	1269	5.22	cps
Zirconium	90-1	1000	958	933	964	3.49	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-03DLX20	Instrumnet Name :	P7
Client Sample ID :	B-79(5-6)-102617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:56:23	DataFile Name :	093SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	275	200	200	225	19.24	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-01DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-B-68	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:59:51	DataFile Name :	094SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1925	1850	2075	1950	5.88	cps
Antimony	121-1	217	250	158	208	22.27	cps
Arsenic	75-2	41	26	44	37	26.45	cps
Barium	135-1	13365	13432	14008	13602	2.60	cps
Barium	137-1	23379	22778	23755	23304	2.11	cps
Beryllium	9-1	56	33	39	43	27.16	cps
Bismuth	209-1	2868130	2893029	2874599	2878586	0.45	cps
Bismuth	209-2	1843643	1851203	1895439	1863428	1.50	cps
Boron	10-1	1100	1367	1183	1217	11.21	cps
Boron	11-1	5501	5443	5468	5471	0.53	cps
Cadmium	111-1	913	904	868	895	2.62	cps
Cadmium	106-1	1308	1292	1225	1275	3.46	cps
Cadmium	108-1	17	0	8	8	100.02	cps
Calcium	43-1	71556	71104	71658	71439	0.41	cps
Calcium	44-1	1161116	1153270	1156145	1156843	0.34	cps
Chromium	52-2	997	1077	1053	1042	3.95	cps
Cobalt	59-2	173	143	183	167	12.49	cps
Copper	63-2	1680	1830	1820	1777	4.72	cps
Dysprosium	156-1	50	125	125	100	43.30	cps
Dysprosium	156-2	40	53	47	47	14.28	cps
Erbium	164-1	100	50	67	72	35.25	cps
Erbium	164-2	27	30	47	34	31.11	cps
Gadolinium	160-1	100	92	83	92	9.09	cps
Gadolinium	160-2	83	73	37	64	38.13	cps
Holmium	165-1	5407643	5494763	5512564	5471656	1.03	cps
Holmium	165-2	2722477	2720296	2695328	2712701	0.56	cps
Indium	115-1	4670896	4696264	4739774	4702311	0.74	cps
Indium	115-2	842974	851861	849182	848006	0.54	cps
Iron	56-2	738001	731984	737089	735691	0.44	cps
Iron	57-2	18139	18701	18835	18558	1.99	cps
Lead	206-1	10927	10910	10833	10890	0.46	cps
Lead	207-1	9198	9353	9042	9198	1.69	cps
Lead	208-1	42583	42255	43045	42628	0.93	cps
Lithium	6-1	1514572	1505239	1519825	1513212	0.49	cps
Magnesium	24-2	65896	67578	68901	67458	2.23	cps
Manganese	55-2	25769	25269	25589	25542	0.99	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-01DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-B-68	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:59:51	DataFile Name :	094SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	233	317	350	300	20.03	cps
Molybdenum	95-1	158	175	125	153	16.66	cps
Molybdenum	96-1	258	250	358	289	20.87	cps
Molybdenum	97-1	175	192	158	175	9.53	cps
Molybdenum	98-1	350	458	467	425	15.31	cps
Neodymium	150-1	200	147	147	164	18.73	cps
Neodymium	150-2	77	43	50	57	31.13	cps
Nickel	60-2	123	113	150	129	14.70	cps
Phosphorus	31-2	117	167	108	131	24.16	cps
Potassium	39-2	59771	64139	63478	62463	3.77	cps
Rhodium	103-1	4573426	4595093	4604957	4591159	0.35	cps
Rhodium	103-2	2091954	2107169	2095988	2098371	0.38	cps
Scandium	45-1	3615056	3664701	3634206	3637988	0.69	cps
Scandium	45-2	149500	152081	152142	151241	1.00	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	30	39	41	36	16.34	cps
Selenium	82-1	81	67	82	77	11.12	cps
Silicon	28-1	2119398	2114678	2094399	2109492	0.63	cps
Silver	109-1	258	175	183	206	22.33	cps
Silver	107-1	183	208	167	186	11.27	cps
Sodium	23-2	801036	804748	810992	805592	0.62	cps
Strontium	86-1	35595	35537	35511	35548	0.12	cps
Strontium	88-1	306634	307033	306401	306689	0.10	cps
Sulfur	34-1	285343	276615	280265	280741	1.56	cps
Terbium	159-1	5822833	5774191	5777546	5791523	0.47	cps
Terbium	159-2	2731720	2730812	2766387	2742973	0.74	cps
Thallium	203-1	8	50	33	31	68.64	cps
Thallium	205-1	50	67	108	75	40.06	cps
Tin	118-1	2192	2342	2150	2228	4.53	cps
Titanium	47-1	758	750	600	703	12.68	cps
Uranium	238-1	133	83	125	114	23.52	cps
Vanadium	51-2	230	293	297	273	13.74	cps
Yttrium	89-1	5424699	5479860	5457431	5453997	0.51	cps
Yttrium	89-2	731287	729990	728327	729868	0.20	cps
Zinc	66-2	1767	1630	1853	1750	6.43	cps
Zirconium	90-1	558	667	617	614	8.83	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-01DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-B-68	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 22:59:51	DataFile Name :	094SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	108	183	156	26.43	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-02DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-B-75	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 23:03:20	DataFile Name :	095SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	108	125	119	8.06	cps
Antimony	121-1	75	100	158	111	38.49	cps
Arsenic	75-2	15	17	11	14	19.94	cps
Barium	135-1	14458	14266	14174	14300	1.01	cps
Barium	137-1	25416	25524	24956	25299	1.19	cps
Beryllium	9-1	33	39	44	39	14.30	cps
Bismuth	209-1	2861680	2863354	2826533	2850522	0.73	cps
Bismuth	209-2	1823928	1848536	1865209	1845891	1.13	cps
Boron	10-1	1342	1442	1542	1442	6.94	cps
Boron	11-1	6885	7110	7119	7038	1.88	cps
Cadmium	111-1	992	888	945	942	5.52	cps
Cadmium	106-1	1417	1267	1358	1347	5.61	cps
Cadmium	108-1	0	4	8	4	99.96	cps
Calcium	43-1	77813	77319	77253	77462	0.40	cps
Calcium	44-1	1237808	1226560	1227679	1230683	0.50	cps
Chromium	52-2	783	773	850	802	5.20	cps
Cobalt	59-2	107	110	123	113	7.78	cps
Copper	63-2	693	617	570	627	9.94	cps
Dysprosium	156-1	0	42	25	22	94.38	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	0	33	22	86.60	cps
Erbium	164-2	17	13	10	13	25.01	cps
Gadolinium	160-1	33	33	8	25	57.74	cps
Gadolinium	160-2	27	20	50	32	48.88	cps
Holmium	165-1	5507635	5498924	5394992	5467184	1.15	cps
Holmium	165-2	2676585	2726864	2735914	2713121	1.18	cps
Indium	115-1	4603004	4660220	4580571	4614598	0.89	cps
Indium	115-2	834245	841188	837768	837733	0.41	cps
Iron	56-2	871738	887506	893932	884392	1.29	cps
Iron	57-2	22095	22395	22412	22301	0.80	cps
Lead	206-1	1145	1095	1017	1085	5.93	cps
Lead	207-1	1139	1011	917	1022	10.91	cps
Lead	208-1	4756	4556	4212	4508	6.11	cps
Lithium	6-1	1515187	1515510	1516073	1515590	0.03	cps
Magnesium	24-2	72877	74485	75030	74131	1.51	cps
Manganese	55-2	34113	35002	34370	34495	1.33	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-02DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-B-75	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 23:03:20	DataFile Name :	095SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	200	133	167	167	20.00	cps
Molybdenum	95-1	83	58	92	78	22.30	cps
Molybdenum	96-1	108	117	100	108	7.69	cps
Molybdenum	97-1	75	50	92	72	29.04	cps
Molybdenum	98-1	133	150	108	131	16.06	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	80	77	90	82	8.44	cps
Phosphorus	31-2	125	67	108	100	30.05	cps
Potassium	39-2	70233	71740	68994	70322	1.96	cps
Rhodium	103-1	4588933	4570727	4545328	4568329	0.48	cps
Rhodium	103-2	2063276	2070628	2094351	2076085	0.78	cps
Scandium	45-1	3628907	3581134	3615882	3608641	0.68	cps
Scandium	45-2	150092	149338	149324	149585	0.29	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	31	43	54	43	26.09	cps
Selenium	82-1	108	62	51	74	40.79	cps
Silicon	28-1	2192634	2184968	2182005	2186536	0.25	cps
Silver	109-1	183	125	150	153	19.15	cps
Silver	107-1	183	217	200	200	8.33	cps
Sodium	23-2	748717	738411	746539	744556	0.73	cps
Strontium	86-1	43191	42957	43484	43210	0.61	cps
Strontium	88-1	375500	376431	376484	376138	0.15	cps
Sulfur	34-1	273642	275187	275139	274656	0.32	cps
Terbium	159-1	5745828	5823237	5751181	5773415	0.75	cps
Terbium	159-2	2649701	2721781	2727160	2699547	1.60	cps
Thallium	203-1	50	25	33	36	35.25	cps
Thallium	205-1	142	58	58	86	55.87	cps
Tin	118-1	667	633	575	625	7.42	cps
Titanium	47-1	133	167	133	144	13.33	cps
Uranium	238-1	42	25	8	25	66.68	cps
Vanadium	51-2	60	80	73	71	14.32	cps
Yttrium	89-1	5468172	5431453	5348045	5415890	1.14	cps
Yttrium	89-2	715889	720058	733698	723215	1.29	cps
Zinc	66-2	313	273	273	287	8.06	cps
Zirconium	90-1	392	475	483	450	11.26	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-02DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-B-75	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 23:03:20	DataFile Name :	095SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	67	83	72	13.33	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-03DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-B-70	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 23:06:48	DataFile Name :	096SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	125	17	67	81.97	cps
Antimony	121-1	117	133	83	111	22.91	cps
Arsenic	75-2	24	20	13	19	29.57	cps
Barium	135-1	24597	25357	24197	24717	2.38	cps
Barium	137-1	41455	42433	42416	42101	1.33	cps
Beryllium	9-1	33	50	50	44	21.66	cps
Bismuth	209-1	2870419	2853563	2849326	2857769	0.39	cps
Bismuth	209-2	1838687	1841669	1859114	1846490	0.60	cps
Boron	10-1	342	367	333	347	5.00	cps
Boron	11-1	1767	1825	1642	1745	5.37	cps
Cadmium	111-1	998	944	914	952	4.50	cps
Cadmium	106-1	1375	1300	1250	1308	4.81	cps
Cadmium	108-1	8	17	4	10	65.47	cps
Calcium	43-1	22484	23077	23160	22907	1.61	cps
Calcium	44-1	391440	383635	384654	386576	1.10	cps
Chromium	52-2	843	770	797	803	4.62	cps
Cobalt	59-2	170	163	170	168	2.29	cps
Copper	63-2	1260	1317	1327	1301	2.76	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	33	42	33	25.01	cps
Erbium	164-2	3	7	23	11	96.43	cps
Gadolinium	160-1	17	42	33	31	41.66	cps
Gadolinium	160-2	23	33	40	32	26.04	cps
Holmium	165-1	5385187	5342158	5520765	5416036	1.72	cps
Holmium	165-2	2707560	2677224	2741893	2708893	1.19	cps
Indium	115-1	4681900	4563908	4555872	4600560	1.53	cps
Indium	115-2	834555	836736	836230	835840	0.14	cps
Iron	56-2	40445	41320	42189	41318	2.11	cps
Iron	57-2	1067	1072	1011	1050	3.22	cps
Lead	206-1	3762	3862	3678	3767	2.44	cps
Lead	207-1	2984	3239	3039	3087	4.35	cps
Lead	208-1	14487	14626	14064	14392	2.03	cps
Lithium	6-1	1515186	1503971	1501432	1506863	0.49	cps
Magnesium	24-2	22351	22025	23219	22532	2.74	cps
Manganese	55-2	14764	14868	14998	14877	0.79	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-03DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-B-70	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 23:06:48	DataFile Name :	096SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	200	100	258	186	43.03	cps
Molybdenum	95-1	83	100	92	92	9.09	cps
Molybdenum	96-1	133	158	142	144	8.81	cps
Molybdenum	97-1	125	50	100	92	41.66	cps
Molybdenum	98-1	142	183	242	189	26.59	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	117	107	90	104	12.90	cps
Phosphorus	31-2	67	58	75	67	12.49	cps
Potassium	39-2	24078	25172	25564	24938	3.09	cps
Rhodium	103-1	4622152	4610094	4573172	4601806	0.55	cps
Rhodium	103-2	2056637	2067575	2082247	2068820	0.62	cps
Scandium	45-1	3593398	3573451	3571552	3579467	0.34	cps
Scandium	45-2	147900	149365	150977	149414	1.03	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	22	26	31	27	17.56	cps
Selenium	82-1	81	-2	89	56	90.70	cps
Silicon	28-1	916458	926520	916345	919774	0.64	cps
Silver	109-1	183	158	158	167	8.66	cps
Silver	107-1	217	150	250	206	24.77	cps
Sodium	23-2	300837	299818	306312	302323	1.16	cps
Strontium	86-1	12464	12156	12714	12445	2.25	cps
Strontium	88-1	109590	107374	108619	108528	1.02	cps
Sulfur	34-1	280807	277507	276739	278351	0.78	cps
Terbium	159-1	5724226	5807679	5752616	5761507	0.74	cps
Terbium	159-2	2706025	2705250	2738167	2716481	0.69	cps
Thallium	203-1	50	25	42	39	32.73	cps
Thallium	205-1	133	92	67	97	34.64	cps
Tin	118-1	483	467	383	444	12.05	cps
Titanium	47-1	100	75	50	75	33.34	cps
Uranium	238-1	33	42	33	36	13.33	cps
Vanadium	51-2	60	63	30	51	35.92	cps
Yttrium	89-1	5426271	5331973	5278888	5345711	1.40	cps
Yttrium	89-2	720823	715299	718967	718363	0.39	cps
Zinc	66-2	3164	3100	3304	3189	3.26	cps
Zirconium	90-1	458	217	342	339	35.66	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6150-03DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-B-70	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 23:06:48	DataFile Name :	096SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	42	150	83	92	59.61	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-01DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-B-51	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 23:10:17	DataFile Name :	097SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2184	2050	2209	2147	3.97	cps
Antimony	121-1	350	483	442	425	16.05	cps
Arsenic	75-2	46	33	35	38	18.32	cps
Barium	135-1	30175	29591	30342	30036	1.31	cps
Barium	137-1	52467	52116	54182	52922	2.09	cps
Beryllium	9-1	56	56	33	48	26.66	cps
Bismuth	209-1	2784151	2763421	2718667	2755413	1.21	cps
Bismuth	209-2	1789818	1816243	1831461	1812507	1.16	cps
Boron	10-1	4901	5101	5460	5154	5.49	cps
Boron	11-1	26148	26249	26925	26441	1.60	cps
Cadmium	111-1	821	988	975	928	9.97	cps
Cadmium	106-1	1142	1375	1367	1295	10.23	cps
Cadmium	108-1	4	0	4	3	86.60	cps
Calcium	43-1	168045	168180	164841	167022	1.13	cps
Calcium	44-1	2586762	2586055	2595860	2589559	0.21	cps
Chromium	52-2	1880	2040	1957	1959	4.09	cps
Cobalt	59-2	323	347	363	344	5.83	cps
Copper	63-2	2350	2354	2367	2357	0.37	cps
Dysprosium	156-1	75	67	25	56	48.22	cps
Dysprosium	156-2	37	33	17	29	37.08	cps
Erbium	164-1	42	75	67	61	28.38	cps
Erbium	164-2	50	17	50	39	49.48	cps
Gadolinium	160-1	50	58	33	47	26.97	cps
Gadolinium	160-2	57	53	53	54	3.54	cps
Holmium	165-1	5395954	5466358	5358948	5407087	1.01	cps
Holmium	165-2	2712536	2727257	2695259	2711684	0.59	cps
Indium	115-1	4576165	4527348	4542719	4548744	0.55	cps
Indium	115-2	823950	836392	836907	832416	0.88	cps
Iron	56-2	1679090	1694222	1713101	1695471	1.01	cps
Iron	57-2	42902	42874	44457	43411	2.09	cps
Lead	206-1	14202	14664	14770	14545	2.07	cps
Lead	207-1	12106	12000	11733	11946	1.61	cps
Lead	208-1	56543	56086	56632	56421	0.52	cps
Lithium	6-1	1510148	1488244	1490136	1496176	0.81	cps
Magnesium	24-2	1260506	1276229	1263230	1266655	0.66	cps
Manganese	55-2	46671	47654	47463	47263	1.10	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-01DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-B-51	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 23:10:17	DataFile Name :	097SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	467	533	433	478	10.66	cps
Molybdenum	95-1	367	458	383	403	12.12	cps
Molybdenum	96-1	475	417	375	422	11.90	cps
Molybdenum	97-1	242	192	233	222	12.06	cps
Molybdenum	98-1	567	458	583	536	12.66	cps
Neodymium	150-1	53	100	107	87	33.53	cps
Neodymium	150-2	17	53	33	34	53.29	cps
Nickel	60-2	313	297	317	309	3.47	cps
Phosphorus	31-2	92	125	175	131	32.13	cps
Potassium	39-2	343101	346295	342147	343848	0.63	cps
Rhodium	103-1	4495374	4532374	4489694	4505814	0.51	cps
Rhodium	103-2	2024096	2048204	2057464	2043255	0.84	cps
Scandium	45-1	3550756	3550491	3610848	3570698	0.97	cps
Scandium	45-2	151832	152126	153034	152331	0.41	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	41	31	44	39	17.17	cps
Selenium	82-1	108	153	147	136	17.85	cps
Silicon	28-1	1425885	1418312	1413363	1419187	0.44	cps
Silver	109-1	158	242	250	217	23.40	cps
Silver	107-1	242	217	275	244	11.97	cps
Sodium	23-2	22069543	22043753	21777719	21963671	0.74	cps
Strontium	86-1	142324	143125	141146	142198	0.70	cps
Strontium	88-1	1219605	1218978	1198106	1212229	1.01	cps
Sulfur	34-1	467696	463116	467851	466221	0.58	cps
Terbium	159-1	5636229	5699892	5683388	5673170	0.58	cps
Terbium	159-2	2689947	2737930	2753290	2727056	1.21	cps
Thallium	203-1	33	33	17	28	34.63	cps
Thallium	205-1	58	133	92	94	39.79	cps
Tin	118-1	5360	5860	5635	5618	4.46	cps
Titanium	47-1	1525	1625	1483	1545	4.72	cps
Uranium	238-1	158	125	167	150	14.70	cps
Vanadium	51-2	350	367	407	374	7.78	cps
Yttrium	89-1	5433181	5336485	5385838	5385168	0.90	cps
Yttrium	89-2	726069	729200	733497	729589	0.51	cps
Zinc	66-2	1783	1813	1677	1758	4.09	cps
Zirconium	90-1	733	750	842	775	7.53	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-01DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-B-51	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 23:10:17	DataFile Name :	097SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	133	83	133	37.50	cps

LB Number : LB91221 Operator : Jaswal
 Lab Sample ID : I6175-04DLX20 Instrumnet Name : P7
 Client Sample ID : TWP-B-30 Dilution Factor : 20
 Date & Time Acquired :: 2017-10-28 23:13:45 DataFile Name : 098SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1117	1367	1367	1284	11.25	cps
Antimony	121-1	633	475	408	506	22.86	cps
Arsenic	75-2	39	46	37	41	12.03	cps
Barium	135-1	9562	8978	8945	9162	3.79	cps
Barium	137-1	15342	16611	16052	16001	3.97	cps
Beryllium	9-1	56	50	72	59	19.51	cps
Bismuth	209-1	2842640	2889560	2893676	2875292	0.99	cps
Bismuth	209-2	1818501	1849880	1868718	1845699	1.37	cps
Boron	10-1	1025	1033	1000	1020	1.70	cps
Boron	11-1	4551	5218	5084	4951	7.13	cps
Cadmium	111-1	980	1035	884	966	7.88	cps
Cadmium	106-1	1325	1458	1242	1342	8.15	cps
Cadmium	108-1	8	4	8	7	34.59	cps
Calcium	43-1	43632	44008	43548	43729	0.56	cps
Calcium	44-1	721018	718241	715516	718258	0.38	cps
Chromium	52-2	1107	1077	1130	1105	2.42	cps
Cobalt	59-2	187	193	213	198	7.02	cps
Copper	63-2	2780	2734	2617	2710	3.10	cps
Dysprosium	156-1	25	42	75	47	53.91	cps
Dysprosium	156-2	23	50	20	31	52.86	cps
Erbium	164-1	108	67	125	100	30.06	cps
Erbium	164-2	20	37	30	29	29.04	cps
Gadolinium	160-1	58	83	67	69	18.33	cps
Gadolinium	160-2	70	37	33	47	43.45	cps
Holmium	165-1	5503790	5411972	5478472	5464744	0.87	cps
Holmium	165-2	2668225	2714782	2731607	2704871	1.21	cps
Indium	115-1	4571137	4647864	4637724	4618908	0.90	cps
Indium	115-2	826234	827729	842250	832071	1.06	cps
Iron	56-2	323850	325541	330335	326575	1.03	cps
Iron	57-2	8119	8197	8114	8143	0.57	cps
Lead	206-1	25742	25369	26015	25709	1.26	cps
Lead	207-1	21501	20639	21050	21063	2.05	cps
Lead	208-1	99636	96817	97829	98094	1.46	cps
Lithium	6-1	1524169	1538273	1534635	1532359	0.48	cps
Magnesium	24-2	72661	76830	74084	74525	2.84	cps
Manganese	55-2	53541	53668	54414	53874	0.88	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-04DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-B-30	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 23:13:45	DataFile Name :	098SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	400	408	400	403	1.19	cps
Molybdenum	95-1	392	500	300	397	25.20	cps
Molybdenum	96-1	417	442	600	486	20.45	cps
Molybdenum	97-1	267	325	217	269	20.12	cps
Molybdenum	98-1	617	633	542	597	8.18	cps
Neodymium	150-1	120	40	53	71	60.27	cps
Neodymium	150-2	23	43	27	31	34.44	cps
Nickel	60-2	200	230	253	228	11.74	cps
Phosphorus	31-2	150	67	142	119	38.42	cps
Potassium	39-2	47577	47544	48496	47872	1.13	cps
Rhodium	103-1	4572536	4559870	4653272	4595226	1.10	cps
Rhodium	103-2	2057458	2057285	2084796	2066513	0.77	cps
Scandium	45-1	3579160	3615288	3652198	3615549	1.01	cps
Scandium	45-2	150335	149829	150681	150282	0.29	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	39	30	37	35	13.93	cps
Selenium	82-1	16	62	86	55	65.05	cps
Silicon	28-1	1939935	1937163	1930867	1935988	0.24	cps
Silver	109-1	100	242	108	150	53.00	cps
Silver	107-1	317	242	208	256	21.71	cps
Sodium	23-2	659400	666021	659997	661806	0.55	cps
Strontium	86-1	26475	26876	26450	26600	0.90	cps
Strontium	88-1	231599	228835	225201	228545	1.40	cps
Sulfur	34-1	288083	293597	292187	291289	0.98	cps
Terbium	159-1	5767117	5786885	5709758	5754586	0.70	cps
Terbium	159-2	2689668	2731148	2762127	2727648	1.33	cps
Thallium	203-1	17	17	33	22	43.28	cps
Thallium	205-1	58	75	75	69	13.85	cps
Tin	118-1	2367	2425	2075	2289	8.19	cps
Titanium	47-1	667	525	592	594	11.93	cps
Uranium	238-1	100	142	158	133	22.53	cps
Vanadium	51-2	243	247	250	247	1.35	cps
Yttrium	89-1	5462453	5385904	5427257	5425205	0.71	cps
Yttrium	89-2	718602	718067	728304	721658	0.80	cps
Zinc	66-2	3307	3407	3240	3318	2.53	cps
Zirconium	90-1	542	492	450	494	9.28	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	I6175-04DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-B-30	Dilution Factor :	20
Date & Time Acquired ::	2017-10-28 23:13:45	DataFile Name :	098SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	75	142	111	30.31	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 23:17:12	DataFile Name :	099SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1867997	1894583	1910634	1891072	1.14	cps
Antimony	121-1	1860461	1856167	1858072	1858233	0.12	cps
Arsenic	75-2	72442	73862	73851	73385	1.11	cps
Barium	135-1	1985240	1987599	1989571	1987470	0.11	cps
Barium	137-1	3497670	3493666	3500752	3497363	0.10	cps
Beryllium	9-1	474920	473567	480041	476176	0.72	cps
Bismuth	209-1	2607632	2717082	2606565	2643760	2.40	cps
Bismuth	209-2	1782611	1800749	1834839	1806066	1.47	cps
Boron	10-1	62263	63551	61676	62496	1.53	cps
Boron	11-1	298084	305174	306251	303170	1.46	cps
Cadmium	111-1	413531	412303	418086	414640	0.73	cps
Cadmium	106-1	48100	47639	47590	47776	0.59	cps
Cadmium	108-1	31068	30717	30529	30771	0.89	cps
Calcium	43-1	3245614	3215200	3210407	3223740	0.59	cps
Calcium	44-1	51626940	50914643	50914456	51152013	0.80	cps
Chromium	52-2	601172	612939	611265	608458	1.05	cps
Cobalt	59-2	897102	900662	917043	904936	1.18	cps
Copper	63-2	1205059	1224271	1232775	1220702	1.16	cps
Dysprosium	156-1	17	42	83	47	71.32	cps
Dysprosium	156-2	20	10	23	18	39.03	cps
Erbium	164-1	8	42	25	25	66.68	cps
Erbium	164-2	20	7	23	17	52.90	cps
Gadolinium	160-1	58	67	0	42	87.18	cps
Gadolinium	160-2	30	47	53	43	27.73	cps
Holmium	165-1	5359059	5263012	5317455	5313175	0.91	cps
Holmium	165-2	2777457	2796947	2839712	2804705	1.14	cps
Indium	115-1	4384246	4383030	4364329	4377202	0.26	cps
Indium	115-2	828546	837504	843875	836642	0.92	cps
Iron	56-2	105852763	108262839	108265889	107460497	1.30	cps
Iron	57-2	2724158	2757375	2780871	2754134	1.03	cps
Lead	206-1	1064269	1053827	1045229	1054442	0.90	cps
Lead	207-1	946512	949706	940435	945551	0.50	cps
Lead	208-1	4187954	4201544	4179258	4189585	0.27	cps
Lithium	6-1	1501451	1497954	1492835	1497413	0.29	cps
Magnesium	24-2	23270303	23459313	23479874	23403163	0.49	cps
Manganese	55-2	633546	649259	652524	645110	1.57	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 23:17:12	DataFile Name :	099SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1794339	1796759	1803762	1798287	0.27	cps
Molybdenum	95-1	979632	983436	976042	979703	0.38	cps
Molybdenum	96-1	1246441	1243929	1255002	1248458	0.47	cps
Molybdenum	97-1	606616	610402	615630	610882	0.74	cps
Molybdenum	98-1	1545111	1560992	1554458	1553521	0.51	cps
Neodymium	150-1	107	87	160	118	32.19	cps
Neodymium	150-2	20	20	17	19	10.18	cps
Nickel	60-2	232809	237301	239205	236438	1.39	cps
Phosphorus	31-2	22943	22827	23269	23013	1.00	cps
Potassium	39-2	10269260	10238876	10344932	10284356	0.53	cps
Rhodium	103-1	4270186	4251851	4204384	4242140	0.80	cps
Rhodium	103-2	1986180	1992056	2035828	2004688	1.35	cps
Scandium	45-1	3563770	3599291	3562648	3575236	0.58	cps
Scandium	45-2	154448	153860	155779	154696	0.64	cps
Selenium	77-2	1373	1220	1370	1321	6.63	cps
Selenium	78-2	4606	4441	4640	4562	2.33	cps
Selenium	82-1	31264	31263	31922	31483	1.21	cps
Silicon	28-1	1739992	1740128	1743173	1741098	0.10	cps
Silver	109-1	1855789	1845629	1874164	1858527	0.78	cps
Silver	107-1	1967159	1957768	1927429	1950785	1.06	cps
Sodium	23-2	45430776	45580668	46057543	45689662	0.72	cps
Strontium	86-1	613425	606504	610883	610271	0.57	cps
Strontium	88-1	5276355	5318812	5306342	5300503	0.41	cps
Sulfur	34-1	508898	506686	509621	508402	0.30	cps
Terbium	159-1	5680773	5657555	5636070	5658132	0.40	cps
Terbium	159-2	2769827	2786951	2819309	2792029	0.90	cps
Thallium	203-1	1278698	1250935	1282715	1270783	1.36	cps
Thallium	205-1	2996582	2999850	2954308	2983580	0.85	cps
Tin	118-1	1384639	1379438	1374625	1379567	0.36	cps
Titanium	47-1	317944	317741	318304	317996	0.09	cps
Uranium	238-1	4385649	4396803	4444261	4408904	0.71	cps
Vanadium	51-2	512779	522043	520180	518334	0.95	cps
Yttrium	89-1	5272172	5310153	5300613	5294313	0.37	cps
Yttrium	89-2	738378	747463	755431	747091	1.14	cps
Zinc	66-2	171274	172782	174121	172726	0.82	cps
Zirconium	90-1	3503133	3504627	3471151	3492970	0.54	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 23:17:12	DataFile Name :	099SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	777936	778556	778958	778483	0.07	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 23:20:39	DataFile Name :	100SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	42	42	53	36.46	cps
Antimony	121-1	5360	4851	4568	4926	8.15	cps
Arsenic	75-2	15	19	11	15	25.01	cps
Barium	135-1	42	33	33	36	13.33	cps
Barium	137-1	133	83	100	106	24.12	cps
Beryllium	9-1	156	244	161	187	26.62	cps
Bismuth	209-1	2787915	2818849	2799118	2801961	0.56	cps
Bismuth	209-2	1831175	1866753	1869049	1855659	1.14	cps
Boron	10-1	1792	1867	1450	1703	13.04	cps
Boron	11-1	9120	7736	7260	8039	12.02	cps
Cadmium	111-1	864	941	988	931	6.73	cps
Cadmium	106-1	1225	1350	1408	1328	7.06	cps
Cadmium	108-1	8	13	8	10	24.77	cps
Calcium	43-1	300	333	208	281	23.07	cps
Calcium	44-1	20415	19931	19772	20039	1.67	cps
Chromium	52-2	710	777	810	766	6.65	cps
Cobalt	59-2	50	53	57	53	6.25	cps
Copper	63-2	1330	1187	1260	1259	5.69	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	0	17	25	14	91.65	cps
Erbium	164-2	7	13	17	12	41.65	cps
Gadolinium	160-1	8	58	25	31	83.33	cps
Gadolinium	160-2	27	30	17	24	28.38	cps
Holmium	165-1	5353215	5388648	5343609	5361824	0.44	cps
Holmium	165-2	2700239	2748371	2741831	2730147	0.96	cps
Indium	115-1	4593296	4664968	4627315	4628527	0.77	cps
Indium	115-2	846871	852361	856959	852064	0.59	cps
Iron	56-2	5218	4912	4873	5001	3.77	cps
Iron	57-2	217	189	200	202	6.93	cps
Lead	206-1	578	472	472	507	12.01	cps
Lead	207-1	478	489	422	463	7.72	cps
Lead	208-1	2195	1789	2089	2024	10.40	cps
Lithium	6-1	1546732	1530298	1533002	1536677	0.57	cps
Magnesium	24-2	692	633	725	683	6.79	cps
Manganese	55-2	73	57	50	60	20.04	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 23:20:39	DataFile Name :	100SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	958	1075	908	981	8.72	cps
Molybdenum	95-1	558	500	483	514	7.66	cps
Molybdenum	96-1	750	675	608	678	10.46	cps
Molybdenum	97-1	392	417	333	381	11.24	cps
Molybdenum	98-1	900	867	750	839	9.39	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	77	47	53	59	26.75	cps
Phosphorus	31-2	50	92	50	64	37.66	cps
Potassium	39-2	17536	17678	18362	17859	2.47	cps
Rhodium	103-1	4614943	4584024	4616486	4605151	0.40	cps
Rhodium	103-2	2102450	2100467	2106429	2103115	0.14	cps
Scandium	45-1	3654378	3642480	3637933	3644930	0.23	cps
Scandium	45-2	151540	153015	152607	152387	0.50	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	30	52	37	40	28.64	cps
Selenium	82-1	99	82	86	89	9.91	cps
Silicon	28-1	255184	252664	251233	253027	0.79	cps
Silver	109-1	183	217	208	203	8.56	cps
Silver	107-1	308	275	183	256	25.33	cps
Sodium	23-2	23861	22710	23878	23483	2.85	cps
Strontium	86-1	375	342	342	353	5.46	cps
Strontium	88-1	267	317	242	275	13.89	cps
Sulfur	34-1	292178	290575	291559	291437	0.28	cps
Terbium	159-1	5681208	5784041	5657018	5707422	1.18	cps
Terbium	159-2	2717685	2742526	2758591	2739601	0.75	cps
Thallium	203-1	300	267	308	292	7.56	cps
Thallium	205-1	942	858	758	853	10.76	cps
Tin	118-1	1183	1258	1025	1156	10.31	cps
Titanium	47-1	67	58	108	78	34.44	cps
Uranium	238-1	167	150	158	158	5.26	cps
Vanadium	51-2	3	7	20	10	88.20	cps
Yttrium	89-1	5404025	5448152	5404551	5418910	0.47	cps
Yttrium	89-2	735656	740912	736713	737760	0.38	cps
Zinc	66-2	143	190	153	162	15.14	cps
Zirconium	90-1	1408	1267	1392	1356	5.71	cps

LB Number :	LB91221	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired ::	2017-10-28 23:20:39	DataFile Name :	100SMPL_P7102817 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	267	400	308	325	20.99	cps