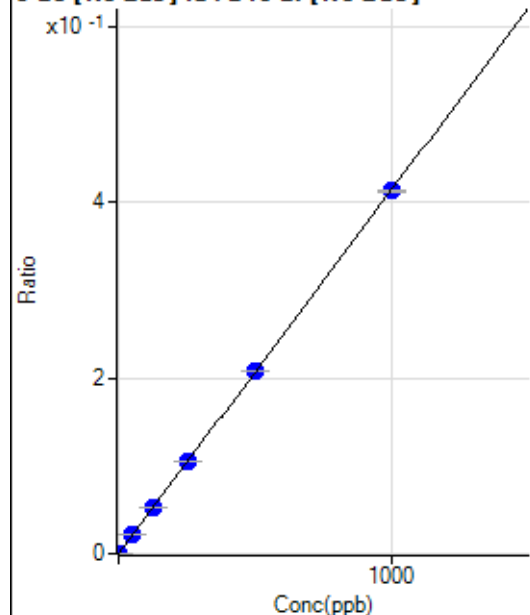


Batch Folder: D:\ICP-MS Data\P7121217 MS .b\
Analysis File: P7121217 MS .batch.bin
DA Date-Time: 2017-12-12 20:53:22
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB P7121217 MS.D	S00	2017-12-12 13:19:51
2			
3	005CALS P7121217 MS.D	S02	2017-12-12 13:27:52
4	006CALS P7121217 MS.D	S03	2017-12-12 13:31:43
5	007CALS P7121217 MS.D	S04	2017-12-12 13:35:34
6	008CALS P7121217 MS.D	S05	2017-12-12 13:39:23
7	009CALS P7121217 MS.D	S06	2017-12-12 13:43:09
8	010CALS P7121217 MS.D	S07	2017-12-12 13:46:53
9	011CALS P7121217 MS.D	S08	2017-12-12 13:50:36

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	231.49	0.0000	P	26.2
2	☐	0.100					
3	☐	1.000	0.915	2342.84	0.0004	P	10.3
4	☐	50.000	50.851	116980.14	0.0211	P	1.4
5	☐	125.000	126.698	290828.46	0.0525	P	1.0
6	☐	250.000	253.980	570129.52	0.1053	P	1.4
7	☐	500.000	502.384	1110061.27	0.2082	P	0.4
8	☐	1000.000	997.558	2161648.47	0.4135	P	0.7
9	☐			2489.17	0.0005	P	11.4

$$y = 4.1443\text{E-}004 * x + 4.1495\text{E-}005$$

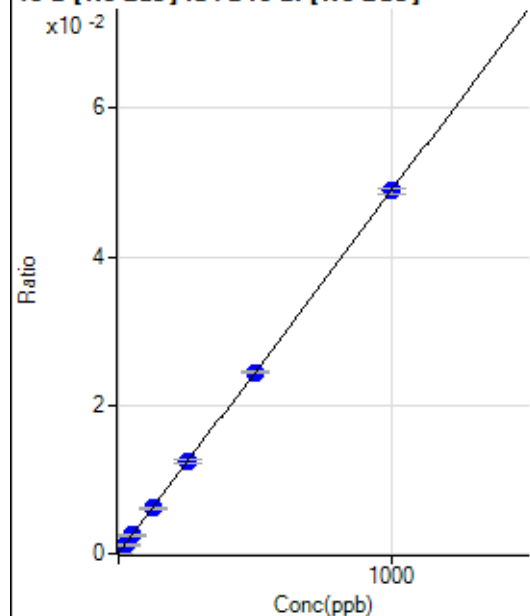
$$R = 1.0000$$

$$DL = 0.07878$$

$$BEC = 0.1001$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	244.46	0.0000	P	16.8
2	☐	2.500					
3	☐	25.000	23.240	6568.42	0.0012	P	3.5
4	☐	50.000	49.492	13640.03	0.0025	P	1.6
5	☐	125.000	124.669	33955.91	0.0061	P	1.8
6	☐	250.000	253.301	67239.17	0.0124	P	3.0
7	☐	500.000	499.549	130343.17	0.0245	P	1.6
8	☐	1000.000	999.511	255576.35	0.0489	P	1.7
9	☐			7771.75	0.0016	P	7.6

$$y = 4.8860\text{E-}005 * x + 4.3823\text{E-}005$$

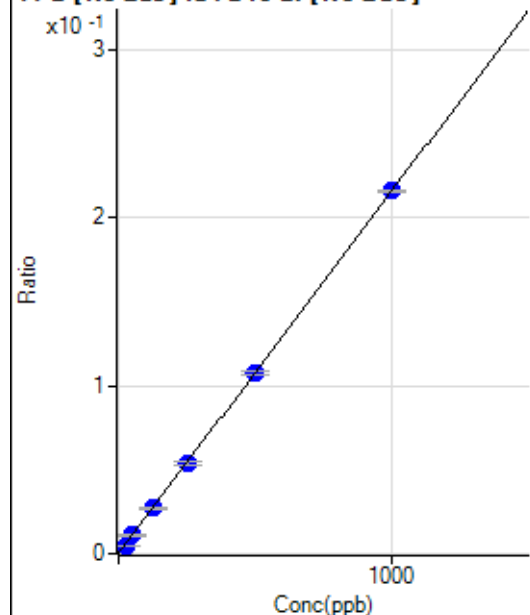
$$R = 1.0000$$

$$DL = 0.4508$$

$$BEC = 0.8969$$

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	1144.54	0.0002	P	11.5
2	☐	2.500					
3	☐	25.000	22.179	27715.08	0.0050	P	1.0
4	☐	50.000	49.766	60451.96	0.0109	P	1.4
5	☐	125.000	123.962	148725.34	0.0269	P	1.6
6	☐	250.000	249.867	292099.04	0.0540	P	3.0
7	☐	500.000	497.601	571704.85	0.1072	P	1.6
8	☐	1000.000	1001.445	1127443.62	0.2156	P	0.7
9	☐			34938.59	0.0071	P	6.8

$$y = 2.1512\text{E-}004 * x + 2.0522\text{E-}004$$

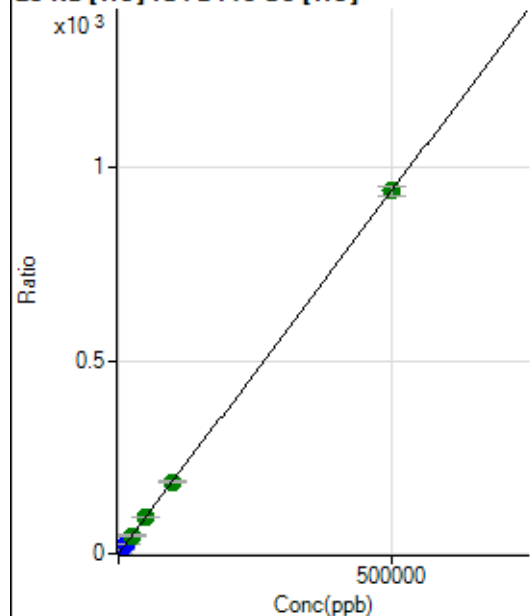
$$R = 1.0000$$

$$DL = 0.3292$$

$$BEC = 0.954$$

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	40393.98	0.2371	P	1.7
2	☐	50.000					
3	☐	500.000	464.182	183798.06	1.1081	P	2.8
4	☐	5000.000	4963.786	1603252.44	9.5517	P	4.4
5	☐	12500.000	12546.399	3972314.54	23.7807	P	0.7
6	☐	25000.000	25051.823	7677130.12	47.2475	A	1.0
7	☐	50000.000	50081.168	15006640.61	94.2157	A	1.1
8	☐	100000.00	99180.293	29178026.35	186.3515	A	1.6
9	☐	500000.00	500152.47	141168705.9	938.7863	A	2.7

$$y = 0.0019 * x + 0.2371$$

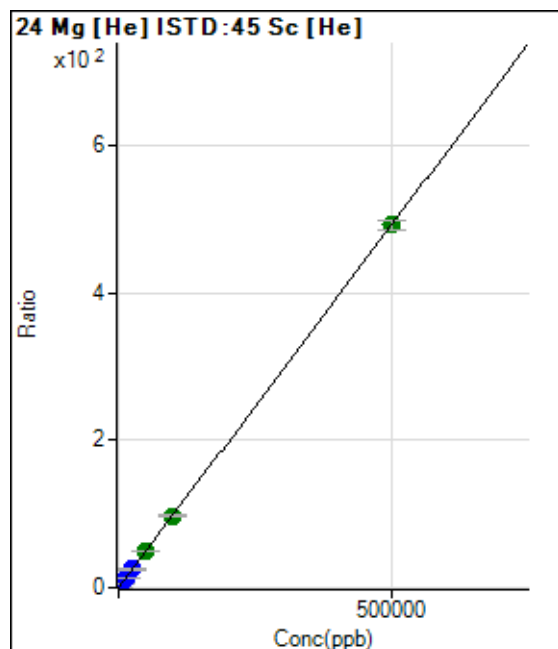
$$R = 1.0000$$

$$DL = 6.455$$

$$BEC = 126.3$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9845.29	0.0578	P	2.0
2	☐	50.000					
3	☐	500.000	466.915	85806.62	0.5173	P	2.1
4	☐	5000.000	4961.104	829126.27	4.9401	P	4.7
5	☐	12500.000	12375.577	2044036.55	12.2368	P	0.6
6	☐	25000.000	25208.461	4040428.74	24.8658	P	1.0
7	☐	50000.000	50289.777	7891926.31	49.5487	A	1.4
8	☐	100000.00	99009.040	15265186.45	97.4941	A	1.6
9	☐	500000.00	500162.32	74023695.40	492.2752	A	2.7

$$y = 9.8412\text{E-}004 * x + 0.0578$$

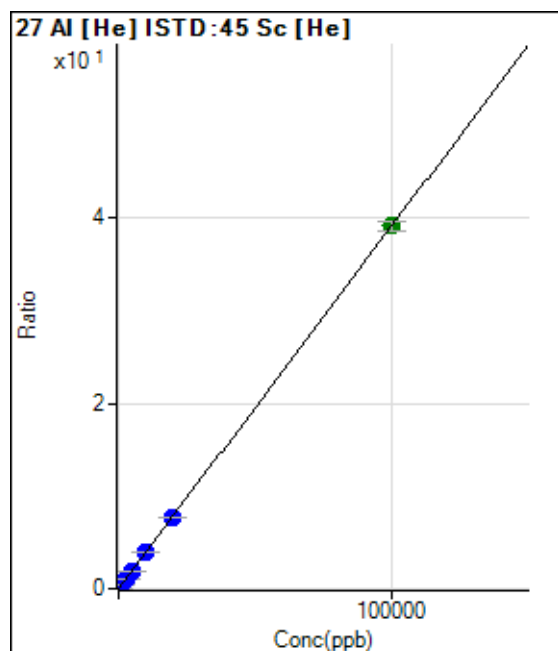
R = 1.0000

DL = 3.585

BEC = 58.71

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0001	P	66.9
2	☐	2.000					
3	☐	20.000	19.335	1277.89	0.0077	P	1.1
4	☐	1000.000	992.890	65181.44	0.3882	P	3.1
5	☐	2500.000	2440.463	159338.06	0.9539	P	0.9
6	☐	5000.000	4955.520	314698.93	1.9368	P	1.4
7	☐	10000.000	9935.959	618489.00	3.8832	P	1.5
8	☐	20000.000	19580.607	1198162.35	7.6523	P	1.7
9	☐	100000.00	100094.06	5881962.72	39.1174	A	2.9

$$y = 3.9080\text{E-}004 * x + 1.4675\text{E-}004$$

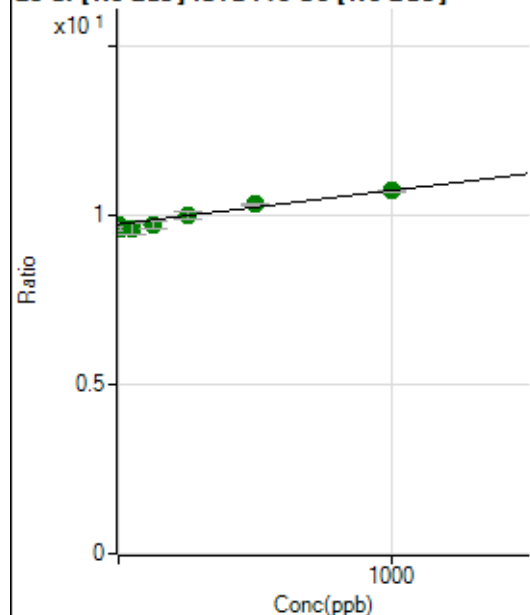
R = 1.0000

DL = 0.7532

BEC = 0.3755

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38961254.69	9.7459	A	0.8
2	☐	1.000					
3	☐	10.000	-124.908	39195993.24	9.6212	A	1.5
4	☐	50.000	-114.261	38843656.42	9.6318	A	3.5
5	☐	125.000	-34.397	39156547.75	9.7115	A	2.5
6	☐	250.000	252.135	39227640.81	9.9976	A	2.2
7	☐	500.000	591.187	40015076.24	10.3361	A	0.6
8	☐	1000.000	983.359	40753102.65	10.7276	A	0.7
9	☐			37762607.44	10.3081	A	0.5

$$y = 9.9837E-004 * x + 9.7459$$

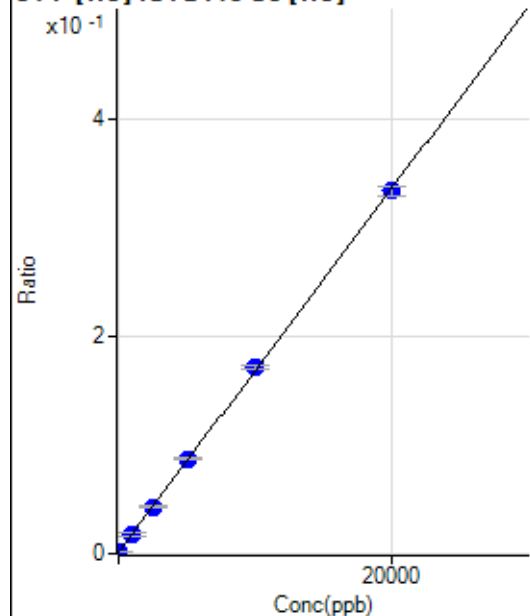
$$R = 0.9790$$

$$DL = 228.4$$

$$BEC = 9762$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-1.962	211.12	0.0012	P	37.7
2	☐	0.000					
3	☐	0.000	1.962	216.68	0.0013	P	23.0
4	☐	1000.000	971.218	2928.19	0.0175	P	12.2
5	☐	2500.000	2492.376	7163.11	0.0429	P	4.1
6	☐	5000.000	5134.612	14135.00	0.0870	P	1.3
7	☐	10000.000	10170.561	27245.19	0.1711	P	2.2
8	☐	20000.000	19883.459	52172.79	0.3332	P	2.3
9	☐			216.68	0.0014	P	23.2

$$y = 1.6694E-005 * x + 0.0013$$

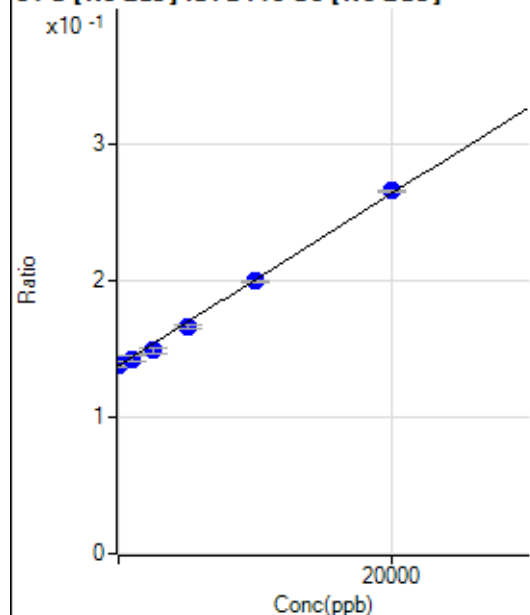
$$R = 0.9999$$

$$DL = 68.98$$

$$BEC = 76.23$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	67.587	553087.25	0.1383	P	0.1
2	☐	0.000					
3	☐	0.000	-67.587	560145.61	0.1375	P	1.5
4	☐	1000.000	784.448	576223.53	0.1429	P	3.1
5	☐	2500.000	1739.936	600382.16	0.1489	P	2.1
6	☐	5000.000	4453.678	651421.47	0.1660	P	2.0
7	☐	10000.000	9872.715	775062.28	0.2002	P	0.7
8	☐	20000.000	20306.009	1010586.42	0.2660	P	0.8
9	☐			533916.85	0.1457	P	0.1

$$y = 6.3085\text{E-}006 * x + 0.1379$$

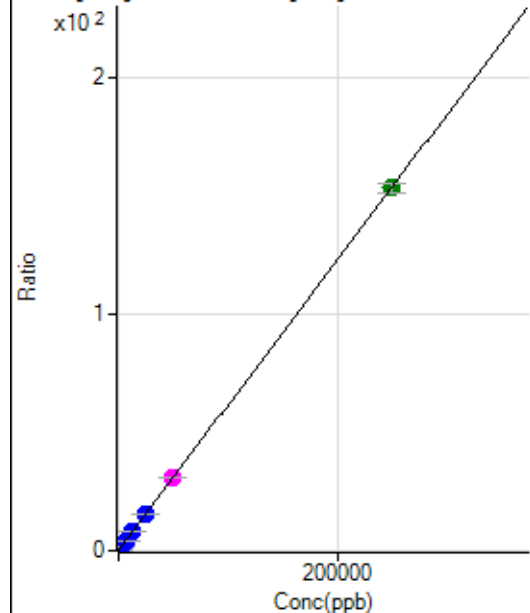
$$R = 0.9991$$

$$DL = 540$$

$$BEC = 2.186\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27645.95	0.1622	P	2.2
2	☐	50.000					
3	☐	500.000	468.688	74534.84	0.4493	P	1.5
4	☐	2500.000	2459.911	280102.00	1.6688	P	4.5
5	☐	6250.000	6164.832	657761.69	3.9378	P	1.1
6	☐	12500.000	12520.099	1272278.52	7.8300	P	1.2
7	☐	25000.000	25147.076	2478860.25	15.5632	P	1.3
8	☐	50000.000	49894.031	4810276.41	30.7191	M	0.7
9	☐	250000.00	250008.07	23049474.65	153.2760	A	2.5

$$y = 6.1244\text{E-}004 * x + 0.1622$$

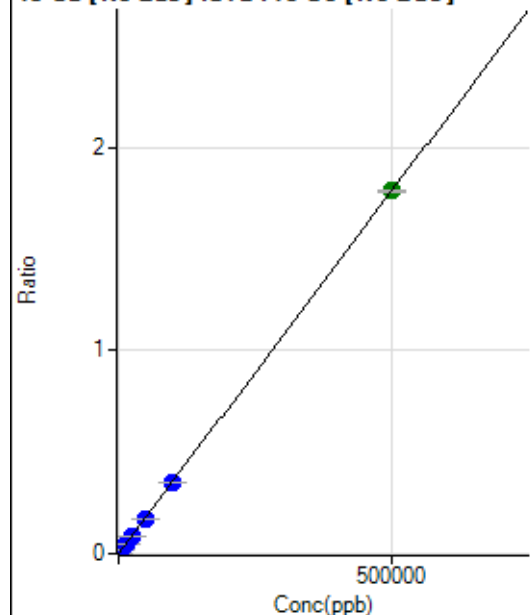
$$R = 1.0000$$

$$DL = 17.46$$

$$BEC = 264.9$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	125.01	0.0000	P	6.8
2	☐	50.000					
3	☐	500.000	452.065	6693.46	0.0016	P	2.4
4	☐	5000.000	4834.763	69639.59	0.0173	P	3.4
5	☐	12500.000	12189.026	175343.50	0.0435	P	2.1
6	☐	25000.000	24577.765	343931.82	0.0877	P	2.0
7	☐	50000.000	48655.619	671650.85	0.1735	P	0.7
8	☐	100000.00	98038.018	1327827.94	0.3495	P	1.1
9	☐	500000.00	500557.42	6537356.31	1.7845	A	0.7

$$y = 3.5650E-006 * x + 3.1271E-005$$

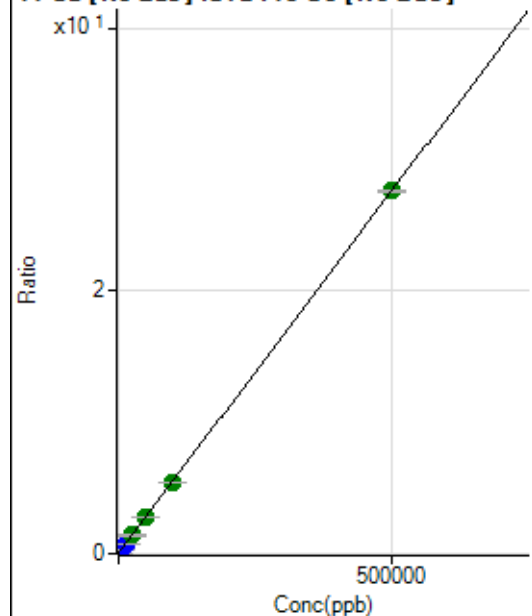
$$R = 1.0000$$

$$DL = 1.785$$

$$BEC = 8.772$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	147416.93	0.0369	P	1.0
2	☐	50.000					
3	☐	500.000	469.128	255429.52	0.0627	P	2.1
4	☐	5000.000	5014.855	1262164.02	0.3130	P	3.3
5	☐	12500.000	12614.002	2948722.31	0.7313	P	2.3
6	☐	25000.000	24771.267	5495500.25	1.4006	A	2.3
7	☐	50000.000	48915.888	10568257.18	2.7298	A	0.8
8	☐	100000.00	97835.105	20600923.55	5.4230	A	1.0
9	☐	500000.00	500549.85	101085399.4	27.5936	A	0.6

$$y = 5.5053E-005 * x + 0.0369$$

$$R = 1.0000$$

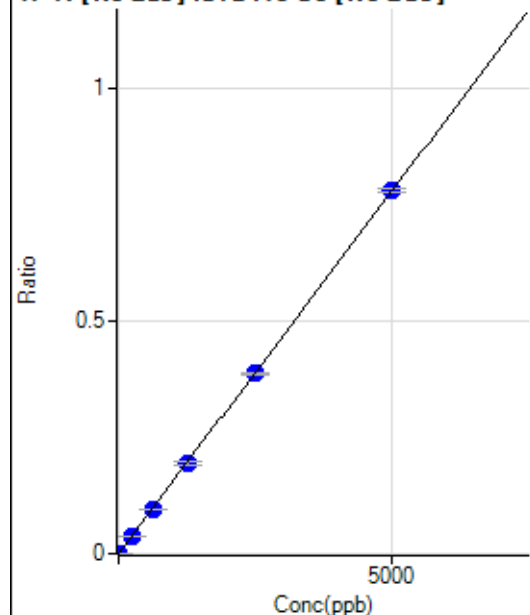
$$DL = 19.94$$

$$BEC = 669.8$$

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	366.69	0.0001	P	7.4
2	☐	0.500					
3	☐	5.000	4.242	3056.01	0.0008	P	9.3
4	☐	250.000	246.769	154982.24	0.0384	P	3.0
5	☐	625.000	615.405	385820.18	0.0957	P	2.6
6	☐	1250.000	1247.811	760922.00	0.1939	P	2.3
7	☐	2500.000	2483.167	1493718.52	0.3858	P	0.8
8	☐	5000.000	5010.325	2957073.31	0.7784	P	0.9
9	☐			1100.09	0.0003	P	8.7

$$y = 1.5534E-004 * x + 9.1699E-005$$

$$R = 1.0000$$

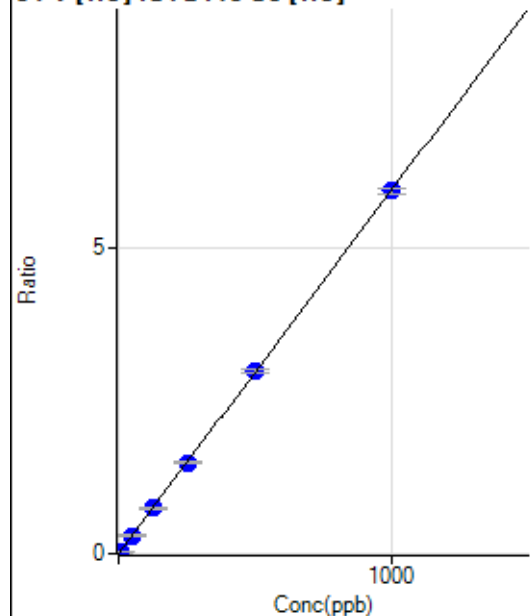
$$DL = 0.1312$$

$$BEC = 0.5903$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4.44	0.0000	P	43.6
2	☐	0.500					
3	☐	5.000	4.588	4538.54	0.0274	P	1.6
4	☐	50.000	49.887	49905.31	0.2972	P	3.7
5	☐	125.000	124.826	124228.57	0.7437	P	1.2
6	☐	250.000	251.273	243260.75	1.4971	P	1.0
7	☐	500.000	502.855	477183.40	2.9959	P	1.3
8	☐	1000.000	998.284	931233.33	5.9476	P	1.8
9	☐			136.67	0.0009	P	22.6

$$y = 0.0060 * x + 2.6088E-005$$

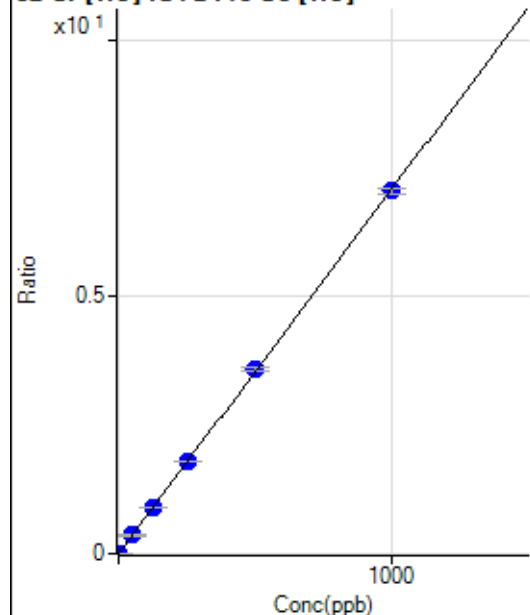
$$R = 1.0000$$

$$DL = 0.005723$$

$$BEC = 0.004379$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	143.34	0.0008	P	13.3
2	☐	0.200					
3	☐	2.000	2.159	2675.85	0.0161	P	1.5
4	☐	50.000	50.608	60292.83	0.3593	P	5.0
5	☐	125.000	126.066	149273.59	0.8937	P	1.0
6	☐	250.000	253.142	291440.70	1.7936	P	1.2
7	☐	500.000	505.545	570385.25	3.5812	P	1.6
8	☐	1000.000	996.278	1104896.71	7.0566	P	1.6
9	☐			9304.17	0.0618	P	0.3

$$y = 0.0071 * x + 8.4146E-004$$

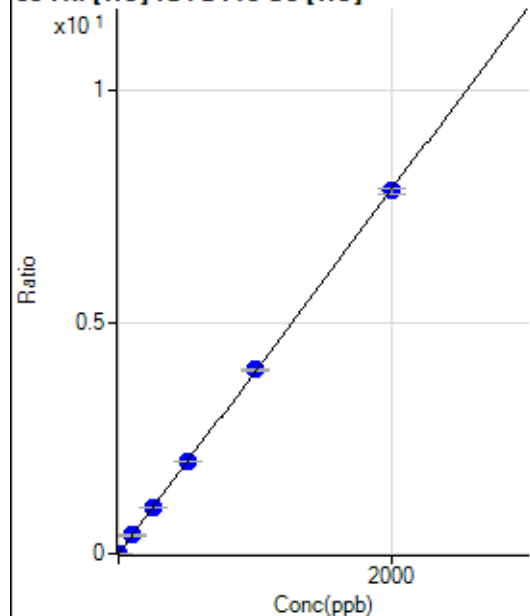
$$R = 1.0000$$

$$DL = 0.04739$$

$$BEC = 0.1188$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	67.78	0.0004	P	15.9
2	☐	0.100					
3	☐	1.000	1.007	723.36	0.0044	P	4.1
4	☐	100.000	101.107	66846.62	0.3983	P	5.0
5	☐	250.000	251.192	165203.79	0.9890	P	1.4
6	☐	500.000	507.025	324312.27	1.9959	P	1.1
7	☐	1000.000	1010.791	633693.32	3.9786	P	1.4
8	☐	2000.000	1992.644	1228000.02	7.8429	P	1.7
9	☐			2992.57	0.0199	P	2.0

$$y = 0.0039 * x + 3.9780E-004$$

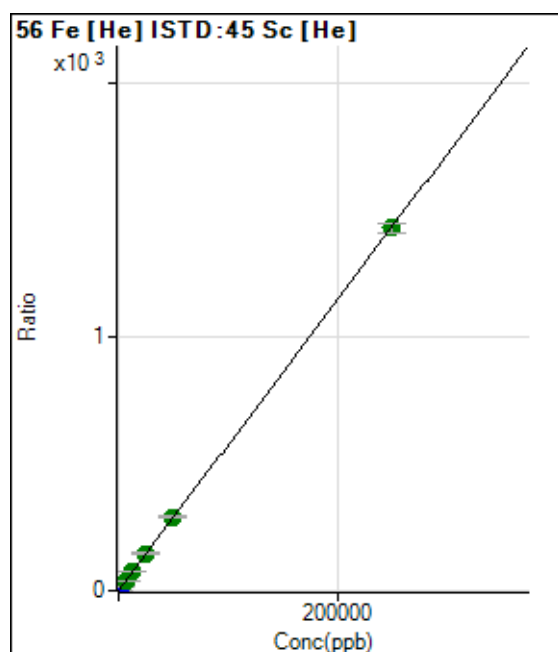
$$R = 1.0000$$

$$DL = 0.0483$$

$$BEC = 0.1011$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4762.02	0.0279	P	0.6
2	☐	5.000					
3	☐	50.000	48.768	50877.34	0.3067	P	1.1
4	☐	2500.000	2584.536	2484104.42	14.8000	P	4.5
5	☐	6250.000	6421.429	6135301.53	36.7299	A	0.9
6	☐	12500.000	12924.595	12007813.92	73.8991	A	1.0
7	☐	25000.000	25731.319	23429063.72	147.0965	A	1.3
8	☐	50000.000	50589.586	45277233.42	289.1751	A	1.7
9	☐	250000.00	249782.59	214671843.6	1,427.671	A	2.9

$$y = 0.0057 * x + 0.0279$$

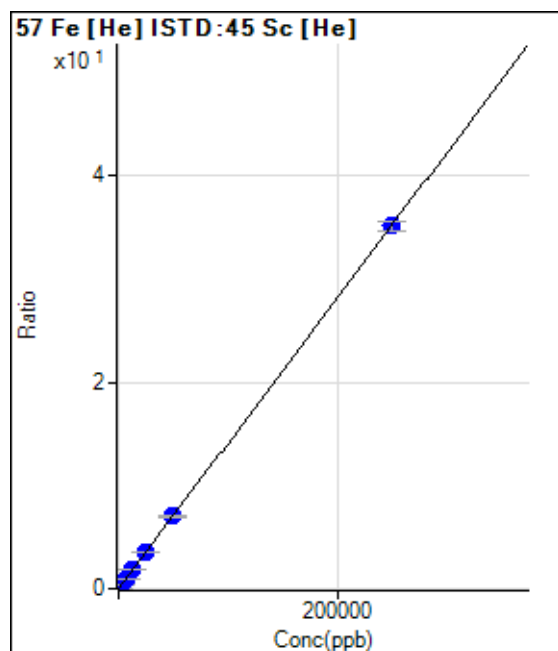
$$R = 1.0000$$

$$DL = 0.08765$$

$$BEC = 4.889$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	157.42	0.0009	P	19.3
2	☐	5.000					
3	☐	50.000	45.589	1214.90	0.0073	P	7.5
4	☐	2500.000	2577.160	60907.90	0.3630	P	5.5
5	☐	6250.000	6377.329	149811.58	0.8969	P	1.2
6	☐	12500.000	12856.125	293631.88	1.8071	P	0.9
7	☐	25000.000	25423.827	569070.58	3.5727	P	0.9
8	☐	50000.000	50021.248	1100467.44	7.0284	P	1.7
9	☐	250000.00	249931.60	5279967.88	35.1140	P	2.9

$$y = 1.4049E-004 * x + 9.2360E-004$$

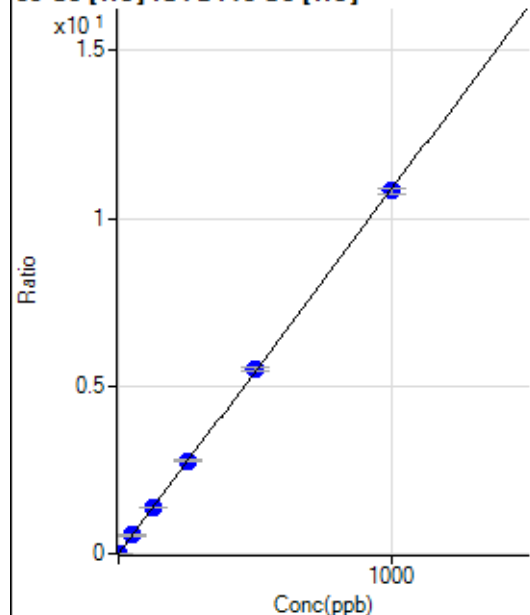
$$R = 1.0000$$

$$DL = 3.801$$

$$BEC = 6.574$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	148.89	0.0009	P	21.1
2	☐	0.100					
3	☐	1.000	0.939	1836.81	0.0111	P	4.5
4	☐	50.000	51.159	93447.36	0.5568	P	5.0
5	☐	125.000	127.062	230789.72	1.3817	P	1.0
6	☐	250.000	254.876	450201.25	2.7706	P	0.9
7	☐	500.000	506.297	876484.34	5.5028	P	1.1
8	☐	1000.000	995.317	1693704.16	10.8170	P	1.5
9	☐			1970.17	0.0131	P	4.3

$$y = 0.0109 * x + 8.7338E-004$$

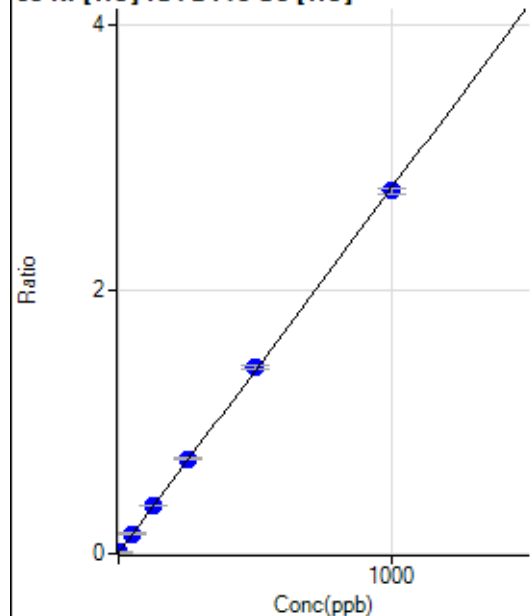
$$R = 1.0000$$

$$DL = 0.05099$$

$$BEC = 0.08037$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	762.26	0.0045	P	7.2
2	☐	0.100					
3	☐	1.000	1.086	1240.07	0.0075	P	5.3
4	☐	50.000	52.146	24935.81	0.1486	P	6.2
5	☐	125.000	129.750	60664.89	0.3632	P	0.4
6	☐	250.000	258.980	117062.65	0.7204	P	1.0
7	☐	500.000	509.068	224871.00	1.4118	P	1.3
8	☐	1000.000	992.520	430320.86	2.7483	P	1.5
9	☐			2882.56	0.0192	P	6.5

$$y = 0.0028 * x + 0.0045$$

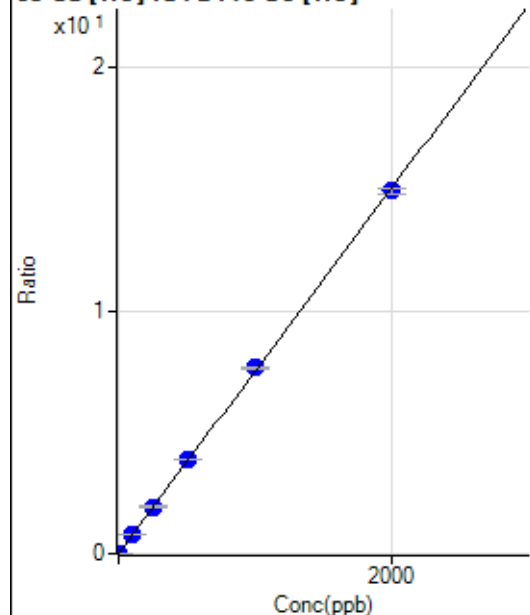
$$R = 0.9999$$

$$DL = 0.3501$$

$$BEC = 1.618$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	834.48	0.0049	P	0.9
2	☐	0.200					
3	☐	2.000	2.017	3323.76	0.0200	P	4.5
4	☐	100.000	104.038	131944.90	0.7862	P	5.0
5	☐	250.000	256.980	323188.04	1.9348	P	1.1
6	☐	500.000	515.521	629876.62	3.8765	P	1.2
7	☐	1000.000	1018.084	1218611.18	7.6508	P	1.1
8	☐	2000.000	1986.003	2336072.26	14.9199	P	1.7
9	☐			3419.34	0.0227	P	4.4

$$y = 0.0075 * x + 0.0049$$

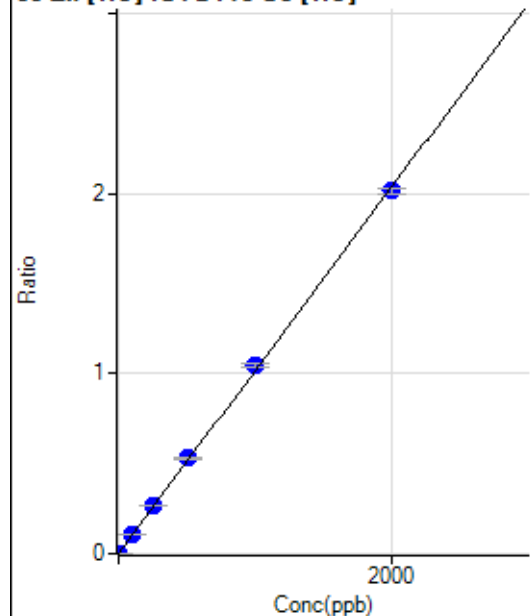
$$R = 0.9999$$

$$DL = 0.01755$$

$$BEC = 0.6521$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	131.11	0.0008	P	8.1
2	☐	0.200					
3	☐	2.000	2.291	514.46	0.0031	P	6.2
4	☐	100.000	104.839	18007.98	0.1073	P	6.3
5	☐	250.000	258.311	43991.86	0.2634	P	1.3
6	☐	500.000	519.991	86016.83	0.5294	P	1.4
7	☐	1000.000	1026.528	166334.39	1.0443	P	1.5
8	☐	2000.000	1980.457	315365.23	2.0141	P	1.3
9	☐			778.92	0.0052	P	3.5

$$y = 0.0010 * x + 7.6959E-004$$

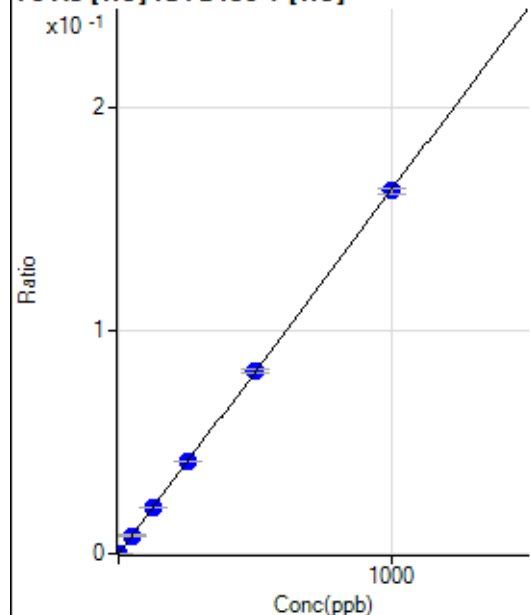
$$R = 0.9998$$

$$DL = 0.1839$$

$$BEC = 0.757$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.85	0.0000	P	0.3
2	☐	0.100					
3	☐	1.000	1.063	116.05	0.0002	P	17.7
4	☐	50.000	50.132	5417.72	0.0082	P	3.7
5	☐	125.000	125.718	13453.83	0.0205	P	1.7
6	☐	250.000	252.916	26623.78	0.0413	P	0.7
7	☐	500.000	504.032	51860.52	0.0824	P	2.2
8	☐	1000.000	997.159	100779.76	0.1630	P	1.9
9	☐			48.15	0.0001	P	34.4

$$y = 1.6343\text{E-}004 * x + 2.7689\text{E-}006$$

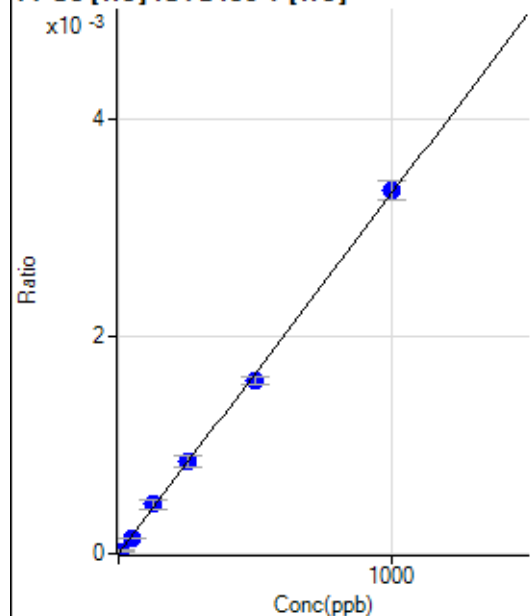
$$R = 1.0000$$

$$DL = 0.0001748$$

$$BEC = 0.01694$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	6.135	13.33	0.0000	P	67.5
4	☐	50.000	42.999	94.45	0.0001	P	5.4
5	☐	125.000	136.303	296.68	0.0005	P	19.0
6	☐	250.000	257.157	550.02	0.0009	P	11.9
7	☐	500.000	480.245	1004.50	0.0016	P	4.4
8	☐	1000.000	1007.020	2067.96	0.0033	P	5.4
9	☐			2.22	0.0000	P	86.6

$$y = 3.3216\text{E-}006 * x + 0.0000\text{E+}000$$

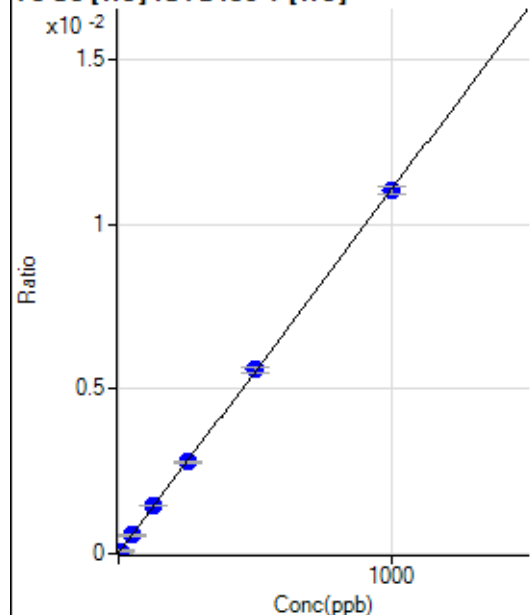
$$R = 0.9996$$

$$DL = 0$$

$$BEC = 0$$

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	9.88	0.0000	P	10.6
2	☐	0.500					
3	☐	5.000	5.794	51.85	0.0001	P	30.3
4	☐	50.000	49.889	373.46	0.0006	P	11.5
5	☐	125.000	131.954	964.24	0.0015	P	1.8
6	☐	250.000	250.471	1791.49	0.0028	P	1.7
7	☐	500.000	504.715	3518.97	0.0056	P	3.3
8	☐	1000.000	996.657	6817.70	0.0110	P	2.1
9	☐			17.29	0.0000	P	59.5

$$y = 1.1046\text{E-}005 * x + 1.4780\text{E-}005$$

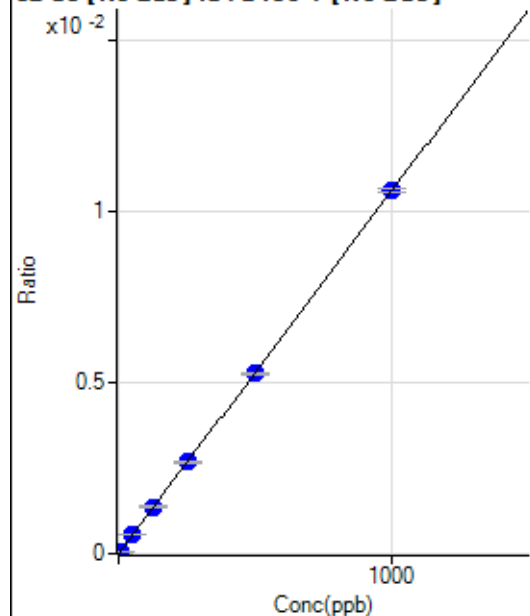
$$R = 1.0000$$

$$DL = 0.4243$$

$$BEC = 1.338$$

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	-41.24	0.0000	P	-40.
2	☐	0.500					
3	☐	5.000	5.202	247.66	0.0000	P	11.7
4	☐	50.000	51.291	2784.05	0.0005	P	3.5
5	☐	125.000	128.402	7024.40	0.0014	P	3.6
6	☐	250.000	252.564	13609.74	0.0027	P	2.1
7	☐	500.000	496.001	26605.64	0.0052	P	0.6
8	☐	1000.000	1000.868	52525.41	0.0106	P	1.0
9	☐			-15.15	0.0000	P	-85.

$$y = 1.0592\text{E-}005 * x - 7.9581\text{E-}006$$

$$R = 1.0000$$

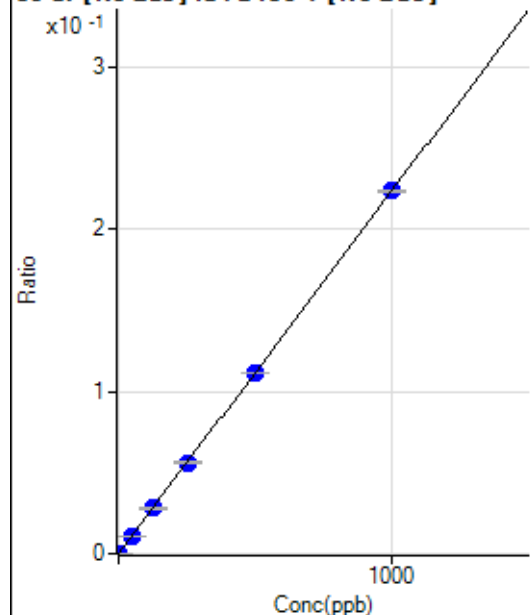
$$DL = 0.9044$$

$$BEC = -0.7514$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	225.01	0.0000	P	23.4
2	☐	0.100					
3	☐	1.000	0.912	1300.11	0.0002	P	6.4
4	☐	50.000	49.676	57990.09	0.0111	P	1.3
5	☐	125.000	124.695	145095.16	0.0279	P	1.9
6	☐	250.000	250.614	286119.08	0.0561	P	2.4
7	☐	500.000	497.247	564088.68	0.1112	P	0.4
8	☐	1000.000	1001.278	1110234.24	0.2239	P	0.8
9	☐			36953.97	0.0079	P	1.3

$$y = 2.2357\text{E-}004 * x + 4.3413\text{E-}005$$

$$R = 1.0000$$

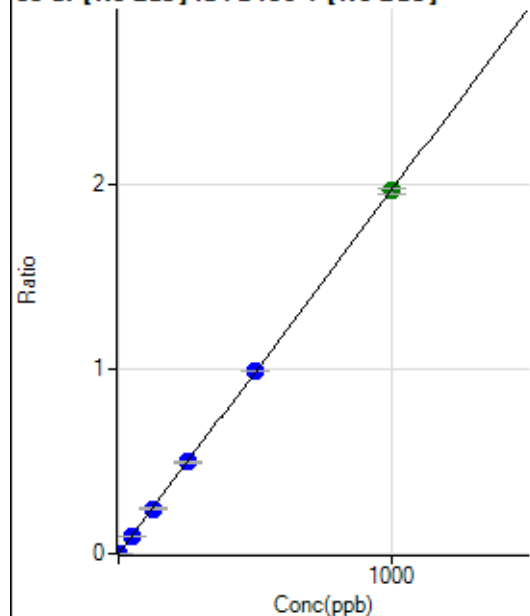
$$DL = 0.1365$$

$$BEC = 0.1942$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	422.25	0.0001	P	19.8
2	☐	0.100					
3	☐	1.000	0.928	10017.71	0.0019	P	3.5
4	☐	50.000	49.690	508269.35	0.0977	P	1.3
5	☐	125.000	124.193	1268551.73	0.2441	P	2.2
6	☐	250.000	252.258	2529863.23	0.4958	P	1.9
7	☐	500.000	502.464	5008390.69	0.9875	P	0.9
8	☐	1000.000	998.320	9727672.70	1.9619	A	1.3
9	☐			312953.62	0.0667	P	0.9

$$y = 0.0020 * x + 8.1410\text{E-}005$$

$$R = 1.0000$$

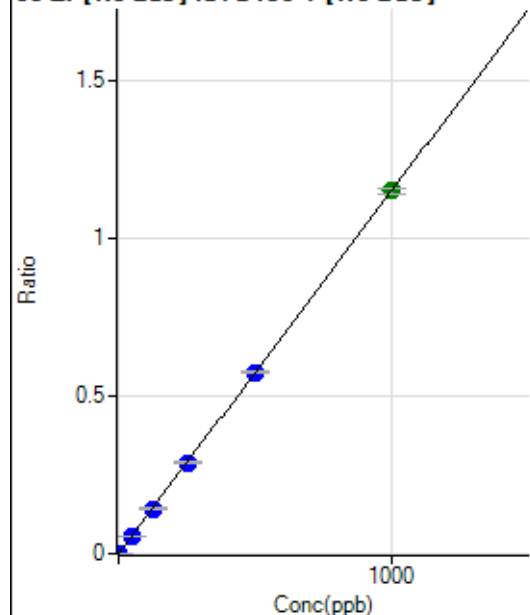
$$DL = 0.02464$$

$$BEC = 0.04143$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	308.35	0.0001	P	31.8
2	☐	0.100					
3	☐	1.000	0.857	5484.61	0.0010	P	5.7
4	☐	50.000	49.547	296114.87	0.0569	P	2.9
5	☐	125.000	123.689	738267.41	0.1421	P	1.7
6	☐	250.000	250.795	1469541.89	0.2880	P	2.2
7	☐	500.000	499.428	2908611.53	0.5735	P	0.8
8	☐	1000.000	1000.274	5694680.42	1.1485	A	1.3
9	☐			1155.65	0.0002	P	8.4

$$y = 0.0011 * x + 5.9442E-005$$

$$R = 1.0000$$

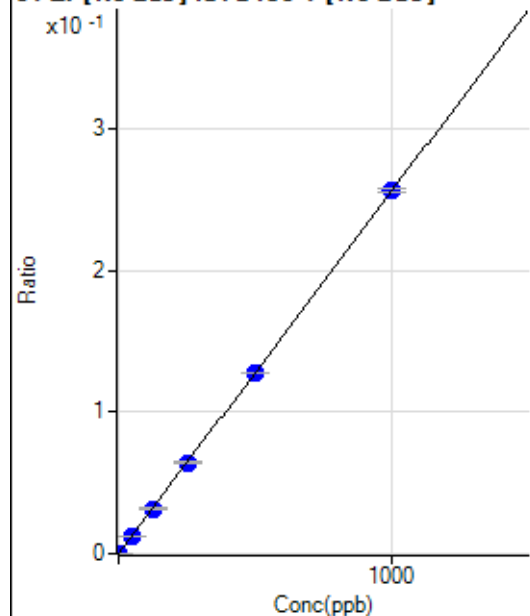
$$DL = 0.04941$$

$$BEC = 0.05177$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	72.23	0.0000	P	33.5
2	☐	0.100					
3	☐	1.000	0.863	1233.44	0.0002	P	5.1
4	☐	50.000	48.926	65149.01	0.0125	P	1.4
5	☐	125.000	123.833	164641.08	0.0317	P	1.7
6	☐	250.000	250.067	326402.87	0.0640	P	1.8
7	☐	500.000	497.442	645316.58	0.1272	P	0.3
8	☐	1000.000	1001.462	1269983.64	0.2561	P	1.2
9	☐			305.57	0.0001	P	17.9

$$y = 2.5574E-004 * x + 1.3932E-005$$

$$R = 1.0000$$

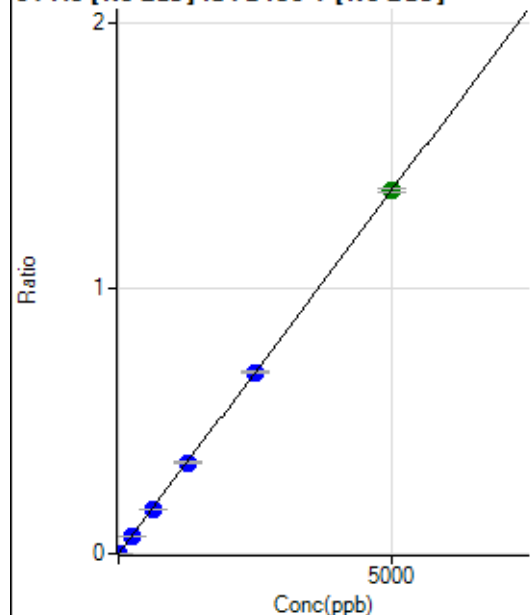
$$DL = 0.05469$$

$$BEC = 0.05448$$

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	127.79	0.0000	P	16.1
2	☐	0.500					
3	☐	5.000	4.366	6396.14	0.0012	P	3.7
4	☐	250.000	245.695	349066.82	0.0671	P	2.6
5	☐	625.000	615.944	874242.08	0.1682	P	2.1
6	☐	1250.000	1256.338	1750970.09	0.3431	P	1.7
7	☐	2500.000	2503.310	3467717.66	0.6837	P	0.7
8	☐	5000.000	4998.108	6768563.17	1.3650	A	1.0
9	☐			3169.95	0.0007	P	6.3

$$y = 2.7311\text{E-}004 * x + 2.4632\text{E-}005$$

$$R = 1.0000$$

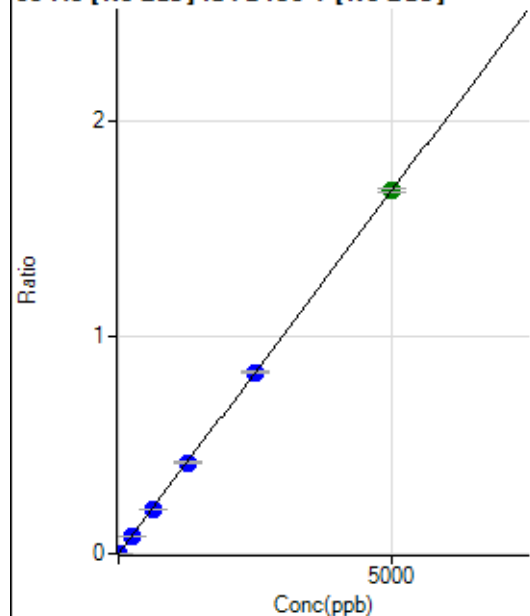
$$DL = 0.0435$$

$$BEC = 0.09019$$

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	47.22	0.0000	P	44.7
2	☐	0.500					
3	☐	5.000	4.697	8313.87	0.0016	P	5.4
4	☐	250.000	247.218	430473.12	0.0828	P	1.6
5	☐	625.000	616.529	1072616.71	0.2064	P	1.6
6	☐	1250.000	1249.894	2135207.14	0.4184	P	1.7
7	☐	2500.000	2502.233	4248743.76	0.8377	P	0.8
8	☐	5000.000	5000.108	8299961.56	1.6739	A	1.1
9	☐			4995.53	0.0011	P	2.2

$$y = 3.3477\text{E-}004 * x + 9.1154\text{E-}006$$

$$R = 1.0000$$

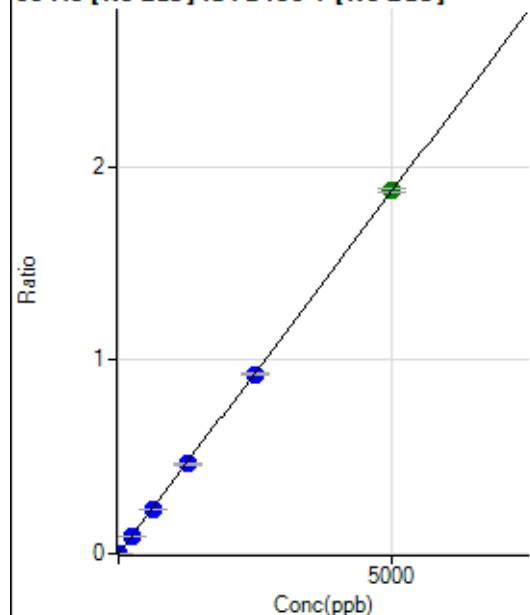
$$DL = 0.03648$$

$$BEC = 0.02723$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.23	0.0000	P	50.4
2	☐	0.500					
3	☐	5.000	4.502	8944.86	0.0017	P	3.4
4	☐	250.000	244.102	474727.03	0.0913	P	2.0
5	☐	625.000	611.737	1188588.92	0.2287	P	2.0
6	☐	1250.000	1240.381	2366526.07	0.4638	P	1.8
7	☐	2500.000	2481.600	4706031.75	0.9278	P	0.7
8	☐	5000.000	5013.558	9294687.62	1.8745	A	0.9
9	☐			5484.64	0.0012	P	6.4

$$y = 3.7388\text{E-}004 * x + 1.8770\text{E-}005$$

$$R = 1.0000$$

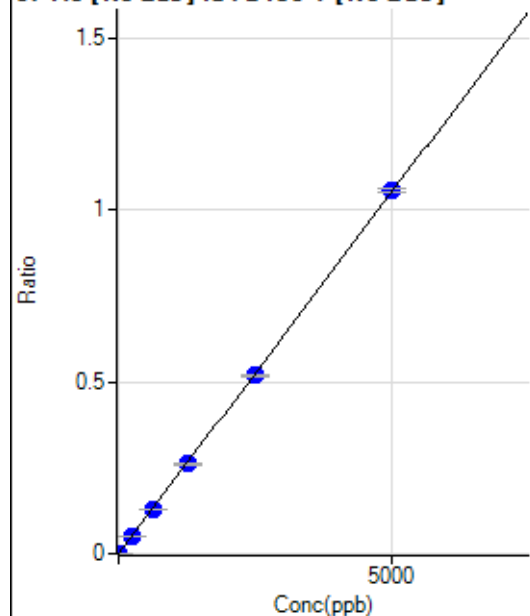
$$DL = 0.07592$$

$$BEC = 0.0502$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.56	0.0000	P	31.1
2	☐	0.500					
3	☐	5.000	4.394	4881.59	0.0009	P	1.3
4	☐	250.000	242.701	265075.30	0.0510	P	1.8
5	☐	625.000	613.067	669004.53	0.1287	P	1.6
6	☐	1250.000	1240.800	1329461.85	0.2606	P	2.3
7	☐	2500.000	2463.996	2624230.05	0.5174	P	1.1
8	☐	5000.000	5022.159	5229073.95	1.0546	P	1.0
9	☐			3022.68	0.0006	P	2.3

$$y = 2.0998\text{E-}004 * x + 5.8876\text{E-}006$$

$$R = 1.0000$$

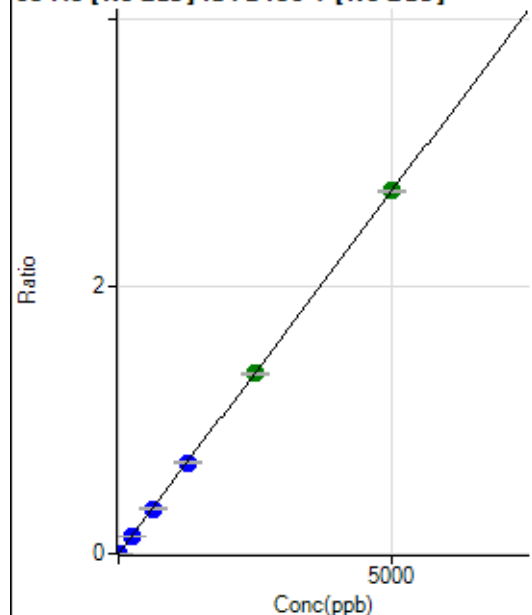
$$DL = 0.02615$$

$$BEC = 0.02804$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0000	P	9.7
2	☐	0.500					
3	☐	5.000	4.540	13003.69	0.0025	P	2.6
4	☐	250.000	245.369	690973.72	0.1329	P	1.9
5	☐	625.000	617.635	1737733.22	0.3344	P	2.1
6	☐	1250.000	1253.896	3464263.01	0.6789	P	1.8
7	☐	2500.000	2484.904	6823899.72	1.3454	A	0.6
8	☐	5000.000	5007.727	13444141.27	2.7113	A	0.8
9	☐			7891.39	0.0017	P	5.1

$$y = 5.4142\text{E-}004 * x + 1.6066\text{E-}005$$

$$R = 1.0000$$

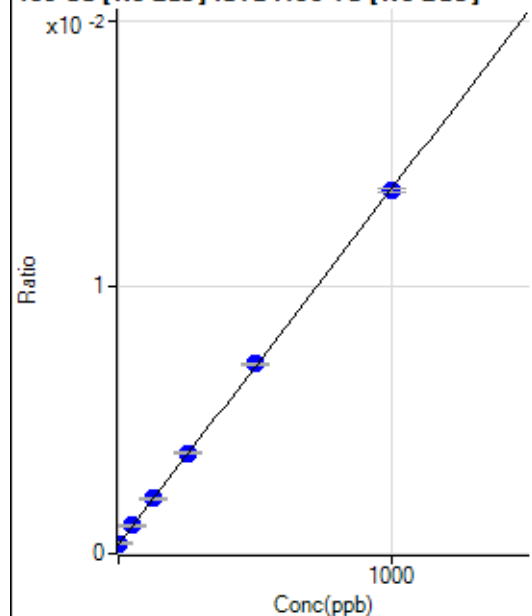
$$DL = 0.008597$$

$$BEC = 0.02967$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2714.26	0.0004	P	11.5
2	☐	0.100					
3	☐	1.000	2.644	3014.35	0.0004	P	6.2
4	☐	50.000	53.035	8186.00	0.0011	P	2.7
5	☐	125.000	129.028	16073.51	0.0021	P	3.3
6	☐	250.000	255.190	28588.07	0.0038	P	1.8
7	☐	500.000	506.763	54025.84	0.0071	P	0.5
8	☐	1000.000	994.664	101959.99	0.0136	P	1.2
9	☐			2617.02	0.0004	P	4.6

$$y = 1.3323\text{E-}005 * x + 3.5298\text{E-}004$$

$$R = 1.0000$$

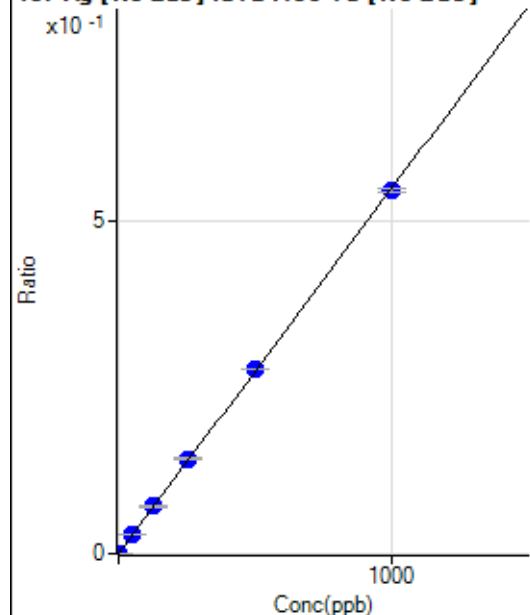
$$DL = 9.105$$

$$BEC = 26.49$$

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	80.56	0.0000	P	12.4
2	☐	0.100					
3	☐	1.000	1.010	4384.21	0.0006	P	5.4
4	☐	50.000	52.101	220849.57	0.0286	P	2.1
5	☐	125.000	129.059	549216.91	0.0708	P	2.2
6	☐	250.000	258.607	1080455.67	0.1418	P	1.8
7	☐	500.000	506.893	2114069.58	0.2780	P	0.3
8	☐	1000.000	993.789	4084726.48	0.5450	P	0.9
9	☐			261.12	0.0000	P	10.3

$$y = 5.4844\text{E-}004 * x + 1.0477\text{E-}005$$

$$R = 0.9999$$

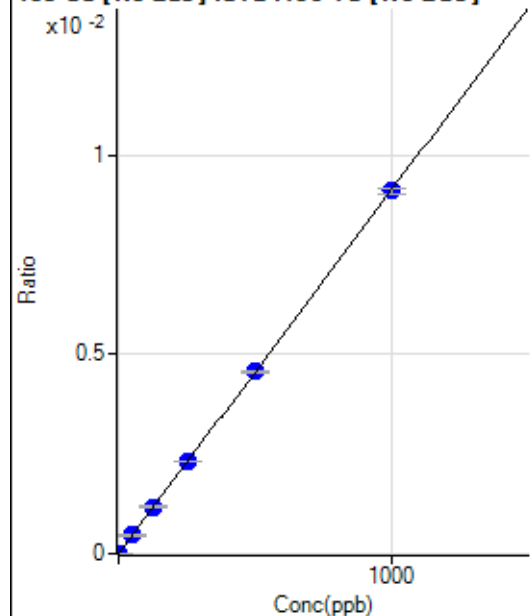
$$DL = 0.007078$$

$$BEC = 0.0191$$

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	43.1
2	☐	0.100					
3	☐	1.000	0.978	80.56	0.0000	P	9.8
4	☐	50.000	50.309	3557.47	0.0005	P	2.7
5	☐	125.000	127.510	9036.38	0.0012	P	3.5
6	☐	250.000	254.788	17721.04	0.0023	P	1.1
7	☐	500.000	501.635	34815.18	0.0046	P	1.1
8	☐	1000.000	997.656	68228.43	0.0091	P	1.3
9	☐			29.17	0.0000	P	51.6

$$y = 9.1241\text{E-}006 * x + 1.4434\text{E-}006$$

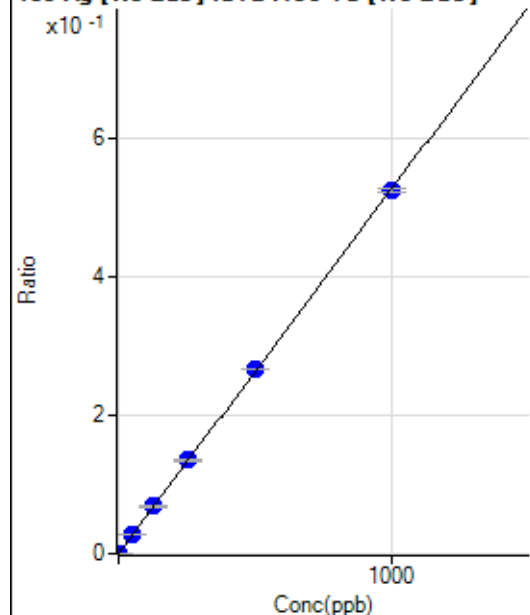
$$R = 1.0000$$

$$DL = 0.2044$$

$$BEC = 0.1582$$

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	38.89	0.0000	P	44.5
2	☐	0.100					
3	☐	1.000	0.949	3928.50	0.0005	P	5.9
4	☐	50.000	52.090	212457.33	0.0275	P	1.8
5	☐	125.000	129.264	529349.06	0.0682	P	1.9
6	☐	250.000	257.237	1034244.44	0.1358	P	1.7
7	☐	500.000	505.039	2026982.99	0.2666	P	0.4
8	☐	1000.000	995.034	3935807.85	0.5252	P	1.0
9	☐			311.13	0.0000	P	28.0

$$y = 5.2779\text{E-}004 * x + 5.0555\text{E-}006$$

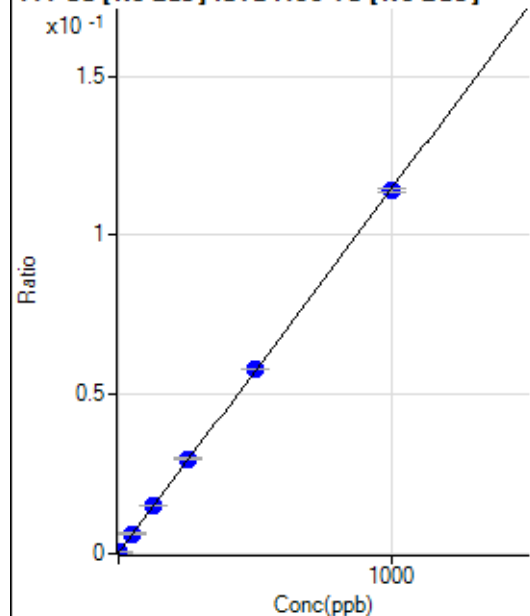
$$R = 0.9999$$

$$DL = 0.01279$$

$$BEC = 0.009579$$

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	1893.60	0.0002	P	11.5
2	☐	0.100					
3	☐	1.000	1.074	2864.81	0.0004	P	7.4
4	☐	50.000	52.464	48233.73	0.0062	P	3.8
5	☐	125.000	129.271	116575.97	0.0150	P	1.9
6	☐	250.000	258.885	227333.74	0.0298	P	1.8
7	☐	500.000	505.462	441311.33	0.0580	P	0.2
8	☐	1000.000	994.391	853843.81	0.1139	P	1.0
9	☐			1930.95	0.0003	P	3.8

$$y = 1.1433\text{E-}004 * x + 2.4626\text{E-}004$$

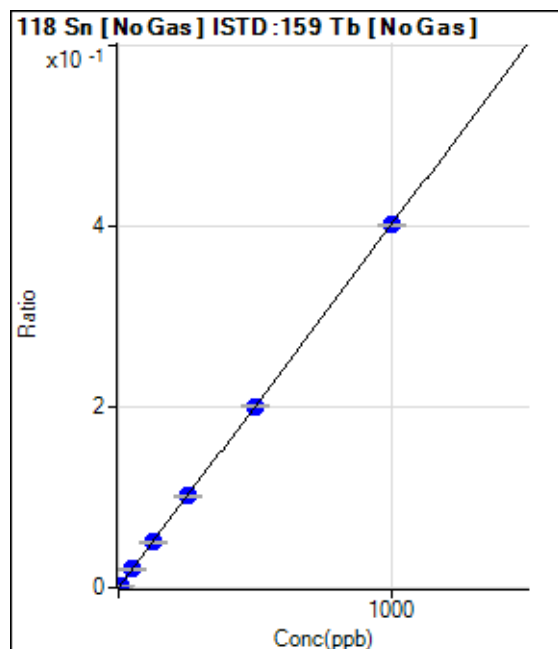
$$R = 0.9999$$

$$DL = 0.7454$$

$$BEC = 2.154$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	400.02	0.0001	P	21.2
2	☐	0.500					
3	☐	5.000	4.531	14516.35	0.0019	P	5.2
4	☐	50.000	50.536	157063.06	0.0203	P	3.2
5	☐	125.000	124.918	389304.96	0.0502	P	2.3
6	☐	250.000	252.410	771959.96	0.1013	P	1.9
7	☐	500.000	500.213	1526822.75	0.2008	P	0.3
8	☐	1000.000	999.277	3005683.60	0.4011	P	0.5
9	☐			3786.78	0.0005	P	3.6

$$y = 4.0130\text{E-}004 * x + 5.2030\text{E-}005$$

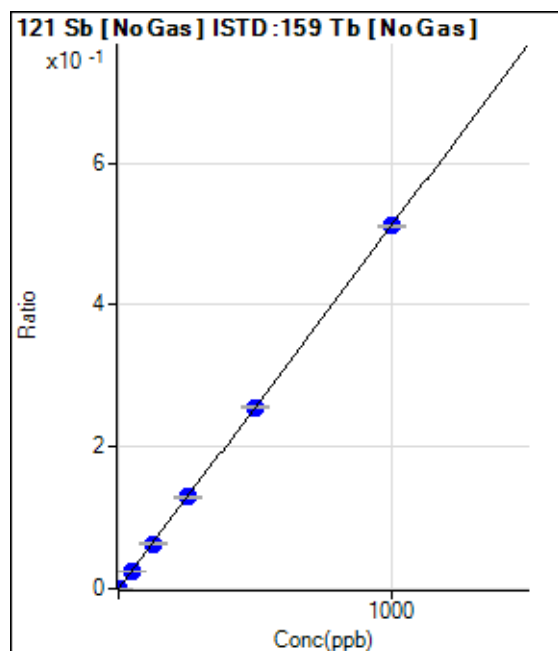
$$R = 1.0000$$

$$DL = 0.08228$$

$$BEC = 0.1297$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0000	P	59.2
2	☐	0.200					
3	☐	2.000	1.808	7274.40	0.0009	P	1.2
4	☐	50.000	49.295	194943.06	0.0252	P	1.4
5	☐	125.000	124.273	493364.79	0.0636	P	1.1
6	☐	250.000	252.512	983933.85	0.1292	P	2.8
7	☐	500.000	500.117	1945533.12	0.2558	P	0.3
8	☐	1000.000	999.440	3831667.88	0.5113	P	0.9
9	☐			9459.20	0.0013	P	3.6

$$y = 5.1155\text{E-}004 * x + 1.2298\text{E-}005$$

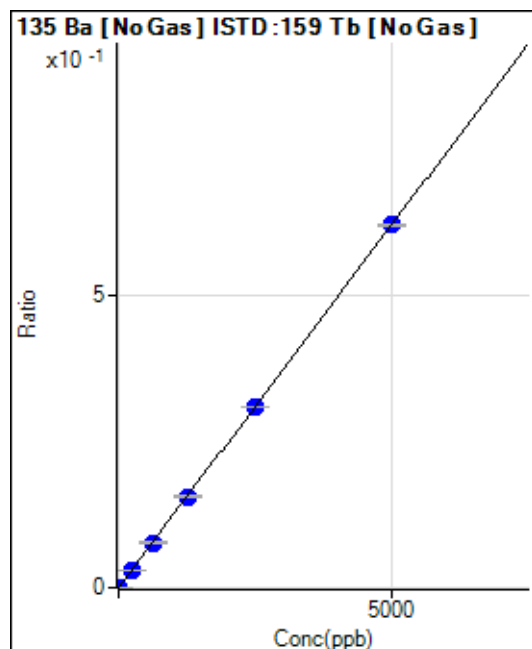
$$R = 1.0000$$

$$DL = 0.04267$$

$$BEC = 0.02404$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	25.4
2	☐	1.000					
3	☐	10.000	9.156	8867.04	0.0011	P	2.4
4	☐	250.000	248.183	238326.40	0.0308	P	1.8
5	☐	625.000	621.183	598847.80	0.0772	P	2.8
6	☐	1250.000	1248.842	1182134.50	0.1552	P	2.1
7	☐	2500.000	2496.625	2359188.83	0.3102	P	0.7
8	☐	5000.000	5002.546	4658837.00	0.6216	P	0.7
9	☐			1664.07	0.0002	P	4.6

$$y = 1.2427\text{E-}004 * x + 4.3364\text{E-}006$$

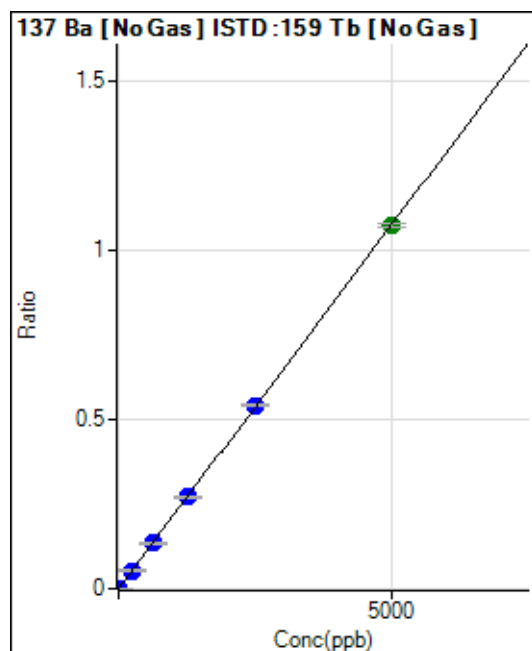
$$R = 1.0000$$

$$DL = 0.02656$$

$$BEC = 0.0349$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0000	P	0.4
2	☐	1.000					
3	☐	10.000	9.228	15456.55	0.0020	P	1.2
4	☐	250.000	249.928	415603.01	0.0538	P	1.4
5	☐	625.000	623.717	1041372.34	0.1342	P	1.8
6	☐	1250.000	1264.602	2072923.12	0.2721	P	1.9
7	☐	2500.000	2520.547	4124541.76	0.5424	P	0.5
8	☐	5000.000	4986.241	8041314.50	1.0730	A	1.0
9	☐			2808.75	0.0004	P	8.9

$$y = 2.1519\text{E-}004 * x + 5.4176\text{E-}006$$

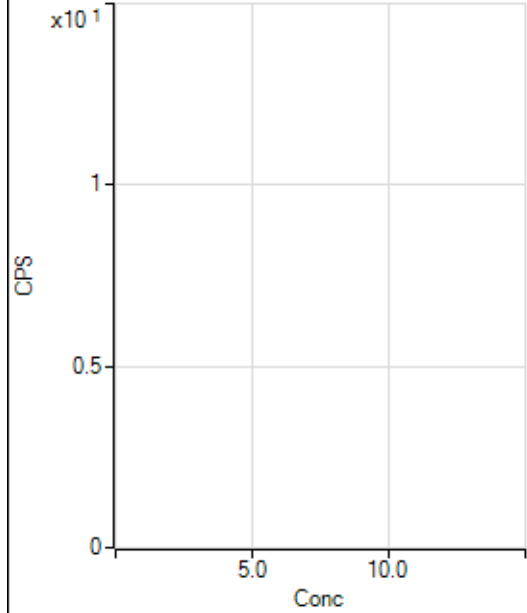
$$R = 1.0000$$

$$DL = 0.0002912$$

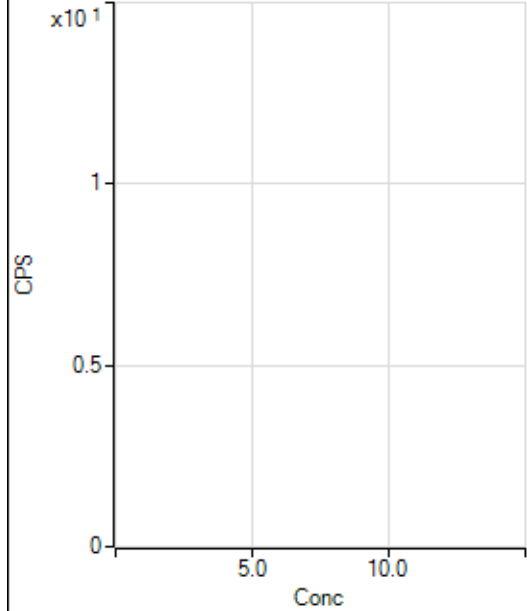
$$BEC = 0.02518$$

Weight: <None>

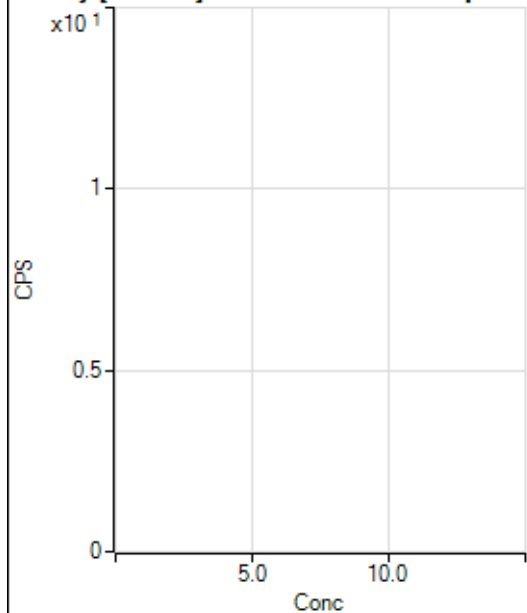
Min Conc: 0

150 Nd [No Gas] No available calibration points

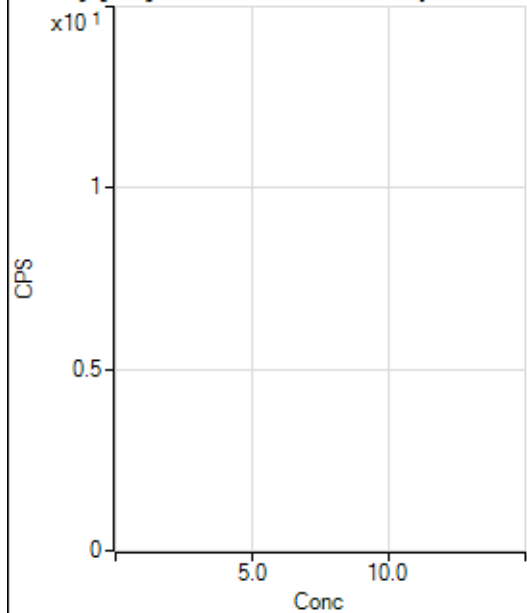
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			4.45		P	86.6
4	☐			40.00		P	28.9
5	☐			86.67		P	26.6
6	☐			115.56		P	13.3
7	☐			257.79		P	10.5
8	☐			535.59		P	17.9
9	☐			42.23		P	32.9

150 Nd [He] No available calibration points

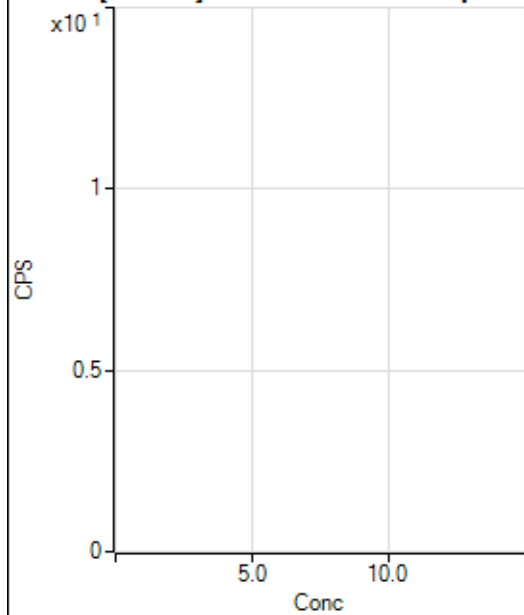
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			2.22		P	173.
5	☐			4.44		P	114.
6	☐			0.00		P	
7	☐			11.11		P	45.8
8	☐			30.00		P	57.7
9	☐			15.56		P	53.9

156 Dy [No Gas] No available calibration points

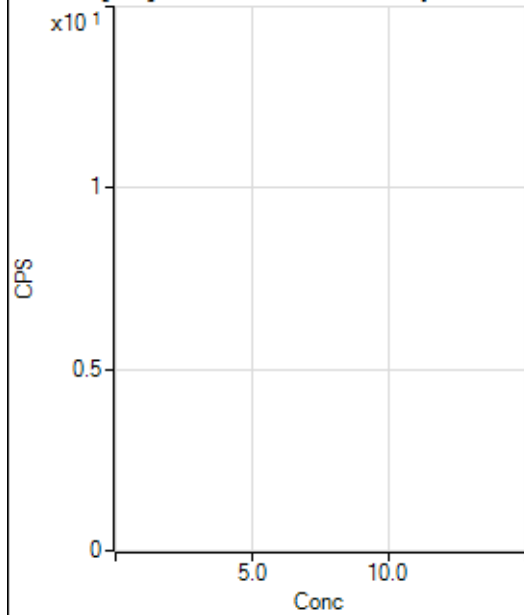
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	43.3
2	☐						
3	☐			5.55		P	86.6
4	☐			16.67		P	100.
5	☐			25.00		P	57.7
6	☐			36.11		P	26.7
7	☐			77.78		P	6.2
8	☐			100.01		P	22.0
9	☐			58.34		P	28.6

156 Dy [He] No available calibration points

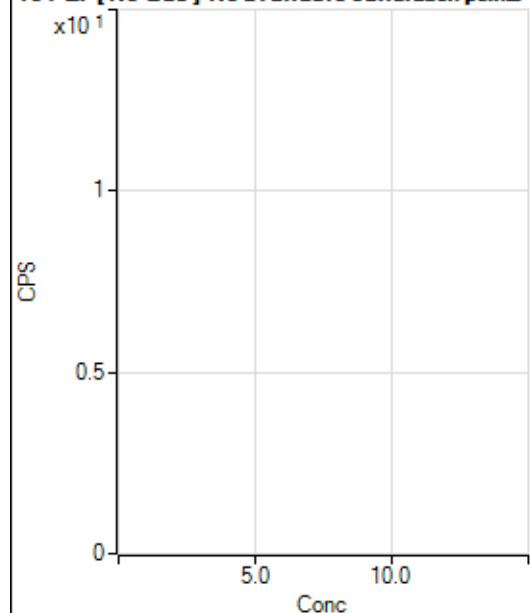
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			3.33		P	100.
5	☐			4.44		P	114.
6	☐			10.00		P	57.7
7	☐			17.78		P	28.6
8	☐			18.89		P	71.3
9	☐			6.67		P	50.0

160 Gd [No Gas] Noavailable calibration poin_

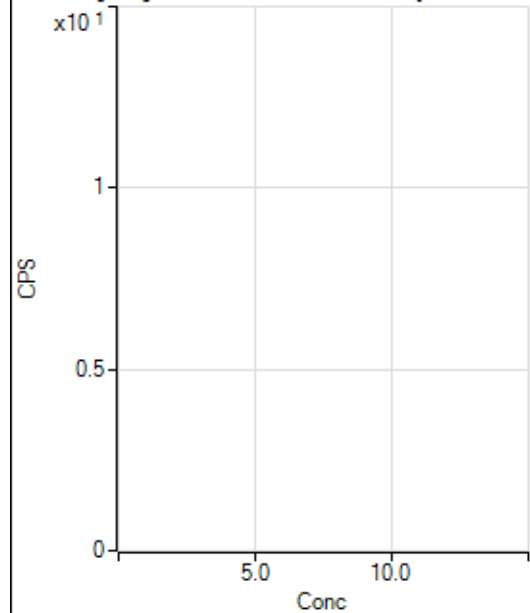
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	66.7
2	☐						
3	☐			19.45		P	24.7
4	☐			30.56		P	63.0
5	☐			33.34		P	66.1
6	☐			30.56		P	68.6
7	☐			30.56		P	41.7
8	☐			33.33		P	66.2
9	☐			55.56		P	31.2

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			32.22		P	39.2
2	☐						
3	☐			27.78		P	25.0
4	☐			25.56		P	19.9
5	☐			31.11		P	27.0
6	☐			24.44		P	31.5
7	☐			25.56		P	32.8
8	☐			40.00		P	16.7
9	☐			32.22		P	21.5

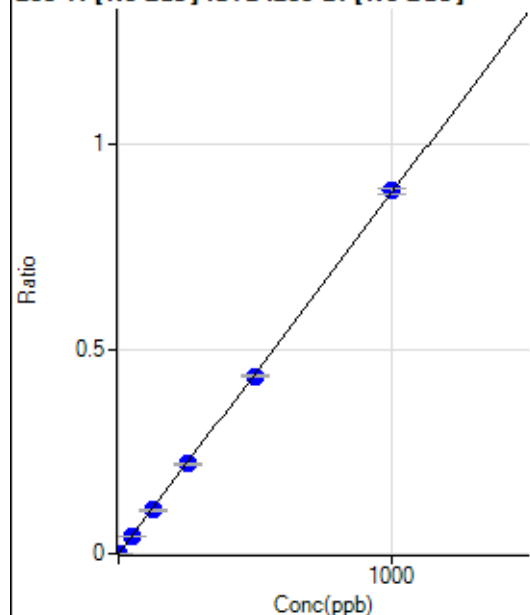
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52.78		P	55.5
2	☐						
3	☐			27.78		P	62.5
4	☐			19.44		P	49.5
5	☐			19.44		P	65.5
6	☐			11.11		P	114.
7	☐			30.56		P	31.5
8	☐			19.44		P	65.5
9	☐			33.33		P	50.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	132.
2	☐						
3	☐			8.89		P	78.1
4	☐			12.22		P	31.5
5	☐			16.67		P	80.0
6	☐			12.22		P	78.7
7	☐			6.66		P	86.6
8	☐			12.22		P	56.8
9	☐			20.00		P	16.7

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	175.01	0.0000	P	8.2
2	☐	0.100					
3	☐	1.000	0.874	4506.50	0.0008	P	3.1
4	☐	50.000	48.110	236221.57	0.0425	P	2.6
5	☐	125.000	120.485	589067.76	0.1064	P	2.4
6	☐	250.000	248.535	1176152.20	0.2194	P	2.0
7	☐	500.000	491.472	2317751.89	0.4339	P	0.8
8	☐	1000.000	1005.289	4586690.03	0.8875	P	1.3
9	☐			1050.09	0.0002	P	12.4

$$y = 8.8285E-004 * x + 3.1537E-005$$

$$R = 0.9999$$

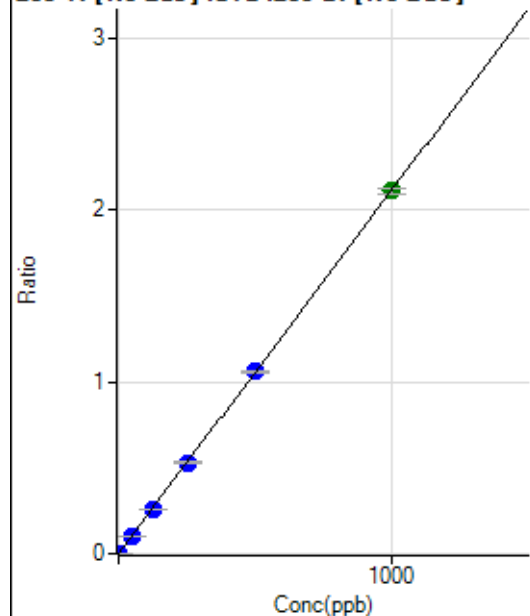
$$DL = 0.008739$$

$$BEC = 0.03572$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	363.91	0.0001	P	33.2
2	☐	0.100					
3	☐	1.000	0.903	11060.67	0.0020	P	2.0
4	☐	50.000	48.437	568290.78	0.1023	P	2.4
5	☐	125.000	122.061	1426026.11	0.2576	P	2.3
6	☐	250.000	251.098	2839497.65	0.5298	P	2.1
7	☐	500.000	501.901	5656011.98	1.0589	P	0.8
8	☐	1000.000	999.221	10894149.29	2.1081	A	1.4
9	☐			2505.91	0.0005	P	5.6

$$y = 0.0021 * x + 6.5548E-005$$

$$R = 1.0000$$

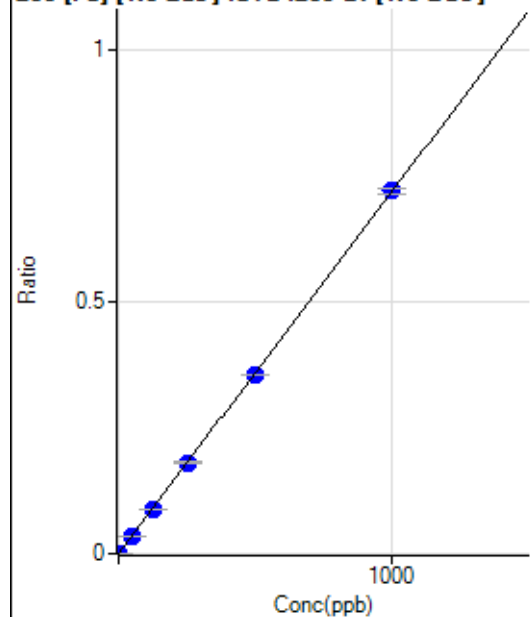
$$DL = 0.03094$$

$$BEC = 0.03107$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	372.24	0.0001	P	9.8
2	☐	0.100					
3	☐	1.000	0.920	4085.92	0.0007	P	3.2
4	☐	50.000	48.358	193385.86	0.0348	P	2.5
5	☐	125.000	122.149	486068.71	0.0878	P	2.0
6	☐	250.000	250.355	964041.87	0.1799	P	1.8
7	☐	500.000	493.651	1894053.95	0.3546	P	0.6
8	☐	1000.000	1003.525	3724885.99	0.7208	P	1.3
9	☐			5449.43	0.0012	P	4.7

$$y = 7.1819\text{E-}004 * x + 6.7100\text{E-}005$$

$$R = 1.0000$$

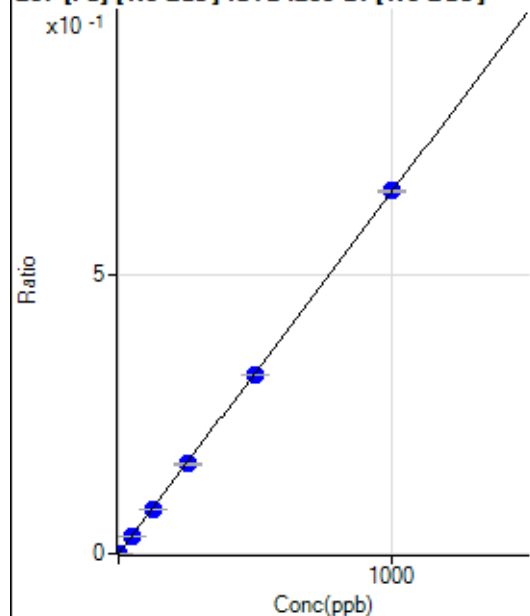
$$DL = 0.02736$$

$$BEC = 0.09343$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	353.72	0.0001	P	15.3
2	☐	0.100					
3	☐	1.000	0.888	3595.03	0.0006	P	6.1
4	☐	50.000	48.810	176521.04	0.0318	P	3.5
5	☐	125.000	122.118	439499.96	0.0794	P	1.9
6	☐	250.000	249.234	867961.40	0.1619	P	1.8
7	☐	500.000	494.183	1714794.02	0.3210	P	0.6
8	☐	1000.000	1003.520	3368789.69	0.6519	P	0.8
9	☐			4597.22	0.0010	P	1.4

$$y = 6.4951\text{E-}004 * x + 6.3764\text{E-}005$$

$$R = 1.0000$$

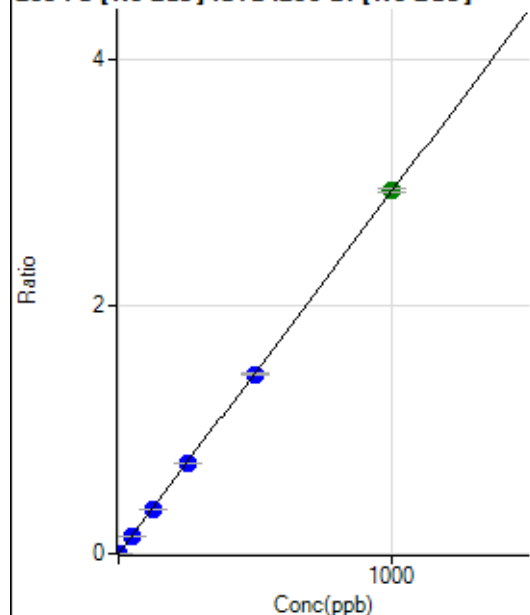
$$DL = 0.04502$$

$$BEC = 0.09817$$

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	1546.38	0.0003	P	5.5
2	☐	0.100					
3	☐	1.000	0.905	16434.07	0.0029	P	0.9
4	☐	50.000	48.624	792663.38	0.1426	P	2.8
5	☐	125.000	121.789	1975669.55	0.3568	P	2.0
6	☐	250.000	249.952	3923595.40	0.7321	P	1.9
7	☐	500.000	495.685	7752970.52	1.4515	P	0.6
8	☐	1000.000	1002.640	15171299.12	2.9357	A	1.2
9	☐			21824.45	0.0047	P	1.7

$$y = 0.0029 * x + 2.7866E-004$$

$$R = 1.0000$$

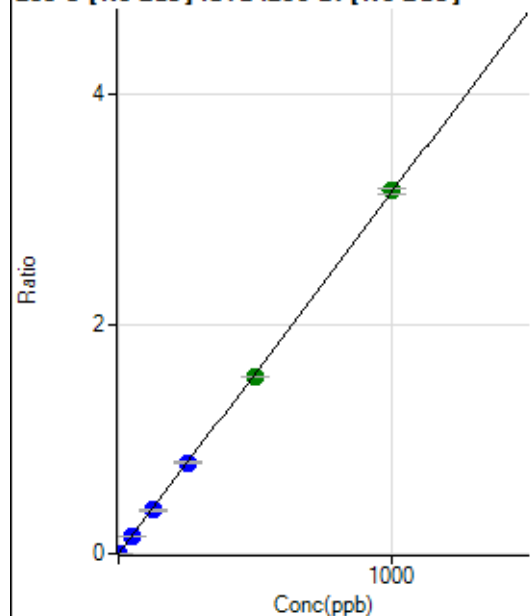
$$DL = 0.01567$$

$$BEC = 0.09518$$

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	50.00	0.0000	P	29.0
2	☐	0.100					
3	☐	1.000	0.859	15215.16	0.0027	P	1.4
4	☐	50.000	47.758	834576.21	0.1502	P	2.1
5	☐	125.000	120.318	2094300.81	0.3783	P	2.4
6	☐	250.000	251.643	4240316.15	0.7912	P	2.0
7	☐	500.000	490.532	8237567.20	1.5422	A	0.8
8	☐	1000.000	1005.021	16329169.98	3.1598	A	1.2
9	☐			908.41	0.0002	P	11.5

$$y = 0.0031 * x + 9.0128E-006$$

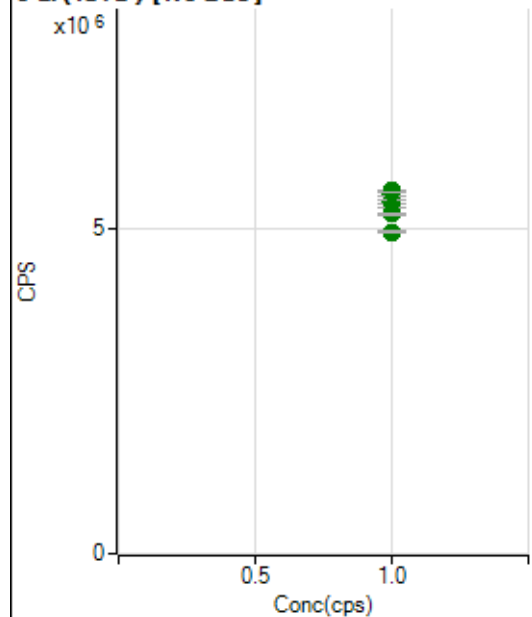
$$R = 0.9999$$

$$DL = 0.002491$$

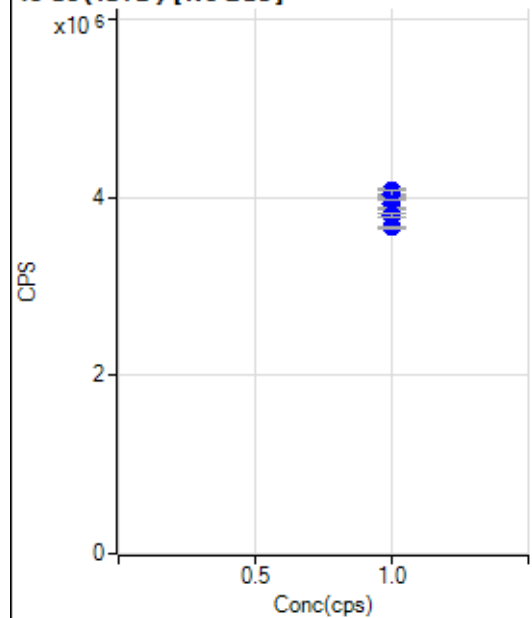
$$BEC = 0.002867$$

Weight: <None>

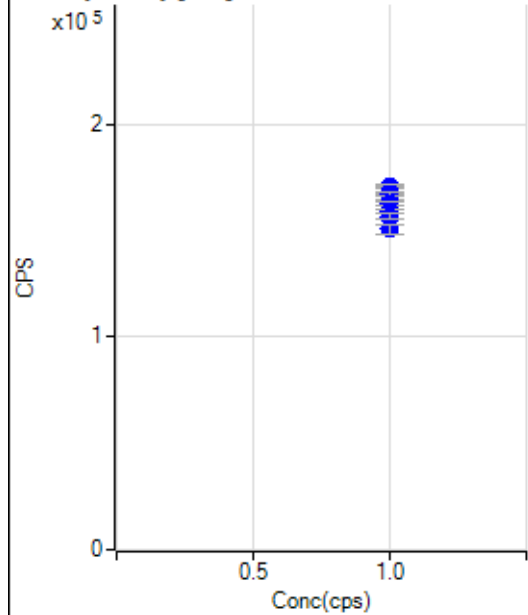
Min Conc: 0

6 Li (ISTD) [No Gas]

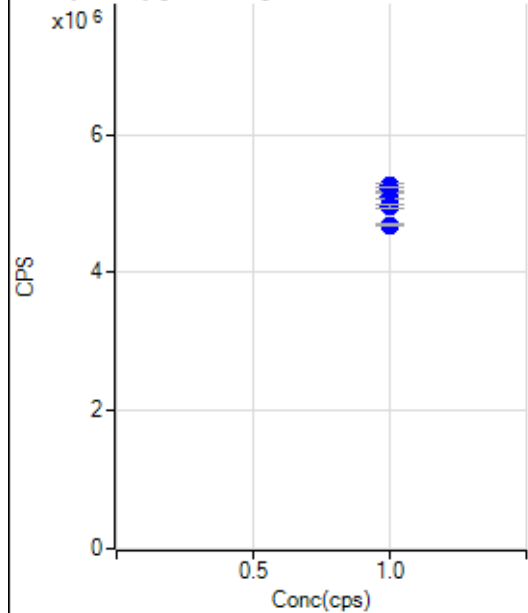
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5577965.82		A	0.2
2	☐	1.000					
3	☐	1.000		5569129.71		A	0.6
4	☐	1.000		5540753.60		A	1.5
5	☐	1.000		5534687.63		A	0.8
6	☐	1.000		5415150.48		A	1.4
7	☐	1.000		5330588.67		A	0.2
8	☐	1.000		5228361.28		A	0.6
9	☐	1.000		4950559.86		A	0.4

45 Sc (ISTD) [No Gas]

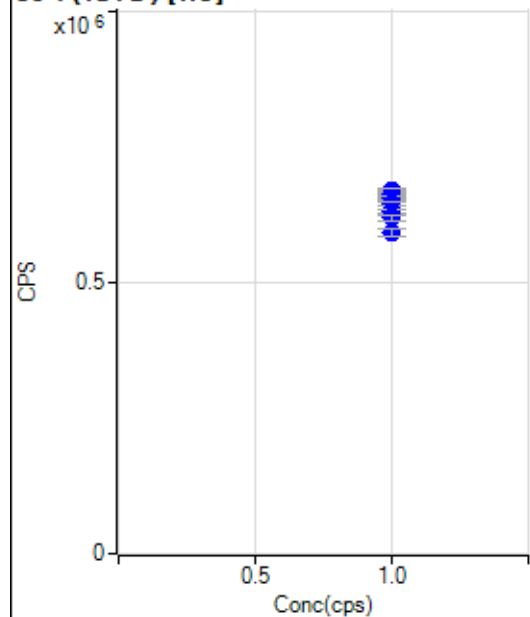
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3997830.04		P	0.5
2	☐	1.000					
3	☐	1.000		4074480.38		P	1.5
4	☐	1.000		4035729.21		P	3.0
5	☐	1.000		4033383.73		P	2.1
6	☐	1.000		3924989.93		P	2.2
7	☐	1.000		3871447.57		P	0.4
8	☐	1.000		3799061.45		P	1.0
9	☐	1.000		3663447.83		P	0.6

45 Sc (ISTD) [He]

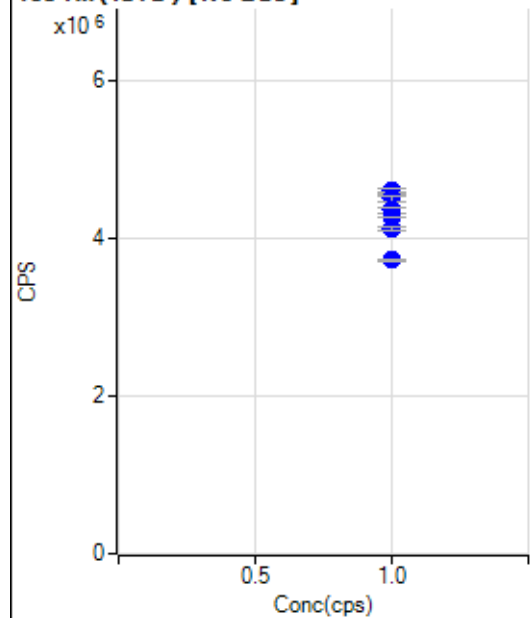
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		170398.91		P	0.4
2	☐	1.000					
3	☐	1.000		165919.16		P	1.8
4	☐	1.000		168077.32		P	4.6
5	☐	1.000		167045.54		P	0.8
6	☐	1.000		162497.92		P	0.9
7	☐	1.000		159293.45		P	1.2
8	☐	1.000		156598.84		P	1.4
9	☐	1.000		150448.31		P	2.9

89 Y (ISTD) [No Gas]

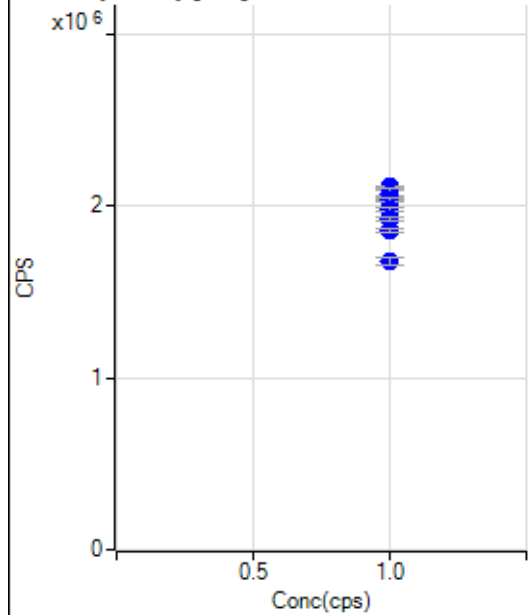
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5186075.06		P	0.4
2	☐	1.000					
3	☐	1.000		5257209.65		P	1.0
4	☐	1.000		5201713.74		P	1.7
5	☐	1.000		5197477.01		P	1.6
6	☐	1.000		5103844.78		P	1.8
7	☐	1.000		5072127.11		P	0.5
8	☐	1.000		4958777.88		P	0.9
9	☐	1.000		4693457.47		P	0.3

89 Y(ISTD) [He]

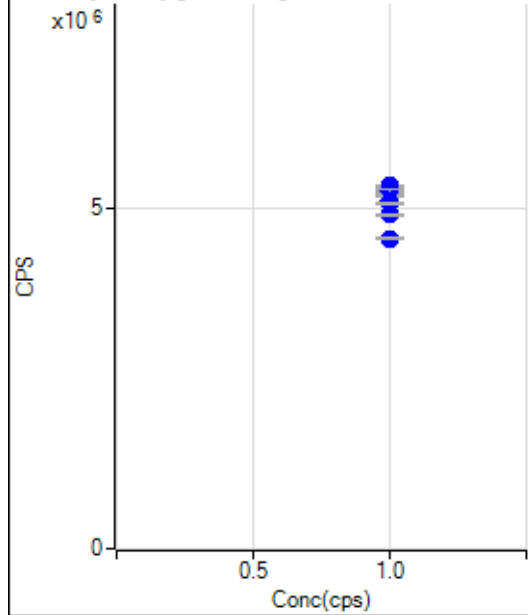
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		668131.23		P	0.3
2	☐	1.000					
3	☐	1.000		658228.82		P	1.3
4	☐	1.000		661513.64		P	3.0
5	☐	1.000		654799.81		P	1.0
6	☐	1.000		644086.33		P	0.7
7	☐	1.000		629664.13		P	1.2
8	☐	1.000		618513.88		P	1.6
9	☐	1.000		591838.65		P	2.4

103 Rh(ISTD) [No Gas]

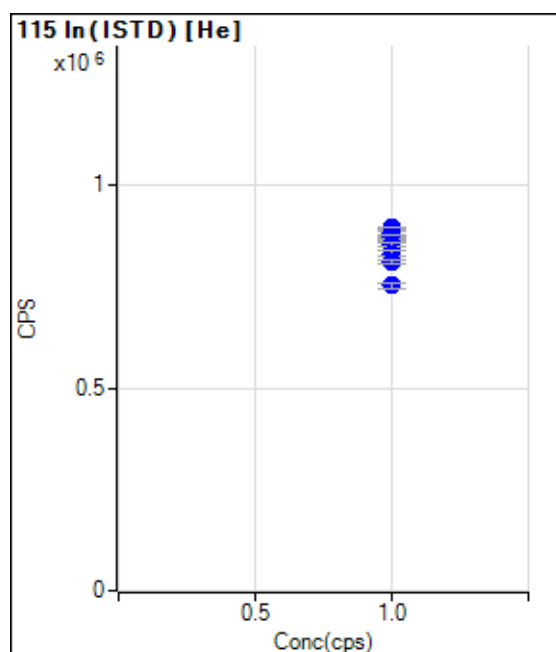
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4542294.46		P	0.3
2	☐	1.000					
3	☐	1.000		4597578.79		P	1.2
4	☐	1.000		4503541.24		P	1.7
5	☐	1.000		4499814.68		P	1.5
6	☐	1.000		4351886.25		P	1.7
7	☐	1.000		4263368.80		P	0.2
8	☐	1.000		4115131.38		P	0.8
9	☐	1.000		3723071.91		P	0.8

103 Rh (ISTD) [He]

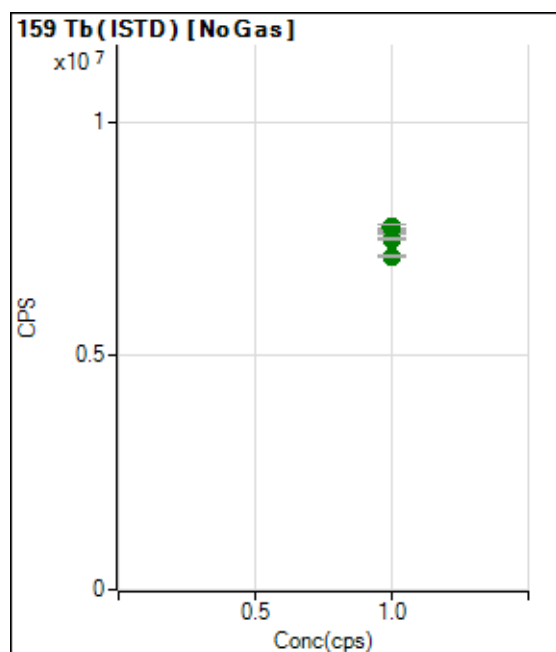
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2110135.44		P	0.6
2	☐	1.000					
3	☐	1.000		2070955.47		P	1.5
4	☐	1.000		2068038.42		P	3.5
5	☐	1.000		2039128.74		P	1.2
6	☐	1.000		1980229.12		P	1.2
7	☐	1.000		1922626.12		P	1.3
8	☐	1.000		1857312.58		P	1.3
9	☐	1.000		1675490.29		P	2.3

115 In (ISTD) [No Gas]

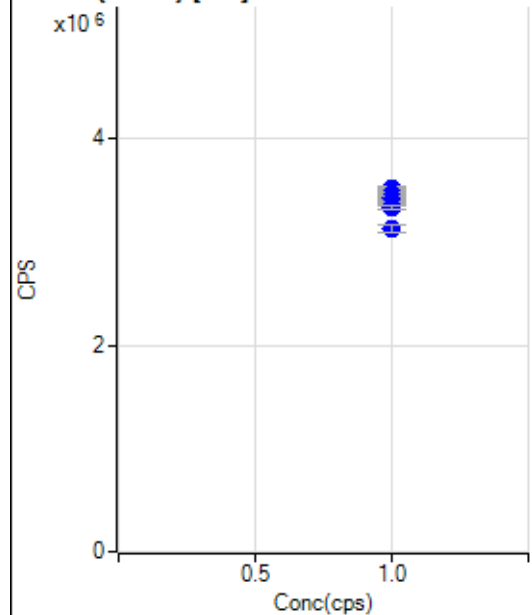
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5271669.76		P	0.4
2	☐	1.000					
3	☐	1.000		5336400.39		P	0.8
4	☐	1.000		5276681.96		P	2.0
5	☐	1.000		5255955.05		P	1.8
6	☐	1.000		5131306.65		P	1.9
7	☐	1.000		5081745.83		P	0.4
8	☐	1.000		4909798.83		P	0.8
9	☐	1.000		4567761.25		P	0.2



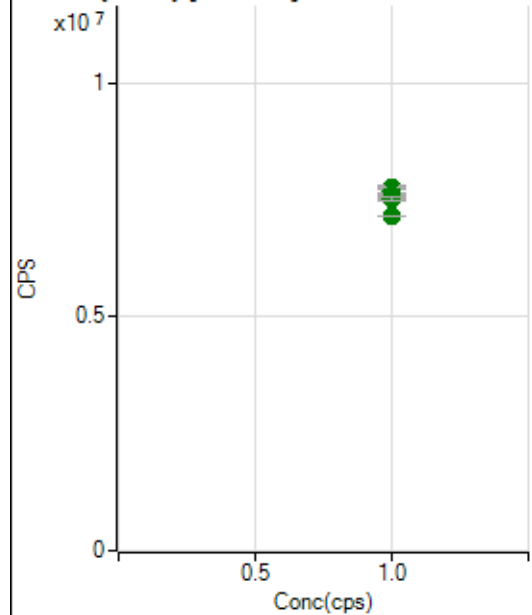
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		895914.81		P	0.5
2	☐	1.000					
3	☐	1.000		882256.04		P	1.5
4	☐	1.000		881639.01		P	3.5
5	☐	1.000		874011.23		P	0.8
6	☐	1.000		855104.81		P	1.5
7	☐	1.000		832756.11		P	1.4
8	☐	1.000		810306.97		P	1.2
9	☐	1.000		753212.67		P	2.4



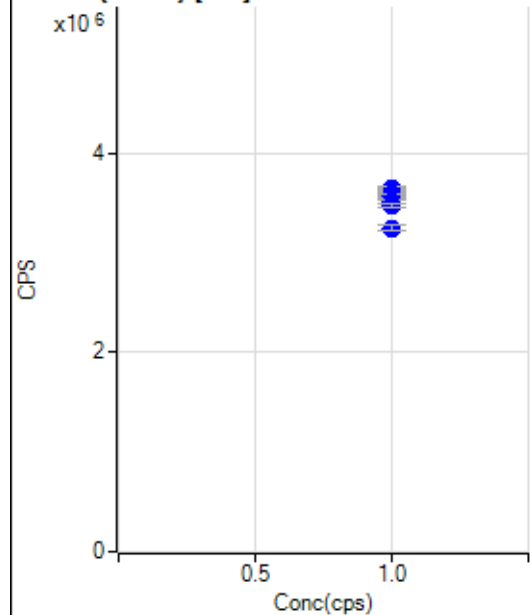
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7691635.37		A	0.4
2	☐	1.000					
3	☐	1.000		7763126.90		A	1.1
4	☐	1.000		7728133.49		A	1.9
5	☐	1.000		7760153.70		A	1.8
6	☐	1.000		7619088.57		A	1.9
7	☐	1.000		7604258.29		A	0.2
8	☐	1.000		7494590.24		A	0.7
9	☐	1.000		7136198.23		A	0.2

159 Tb (ISTD) [He]

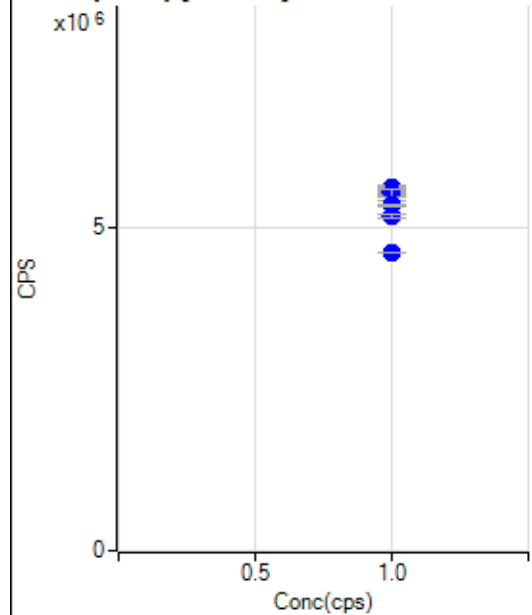
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3516068.00		P	0.3
2	☐	1.000					
3	☐	1.000		3453538.11		P	1.2
4	☐	1.000		3475337.31		P	3.3
5	☐	1.000		3470792.83		P	0.7
6	☐	1.000		3431614.98		P	1.0
7	☐	1.000		3383854.78		P	1.0
8	☐	1.000		3333155.96		P	1.4
9	☐	1.000		3123602.77		P	2.3

165 Ho (ISTD) [No Gas]

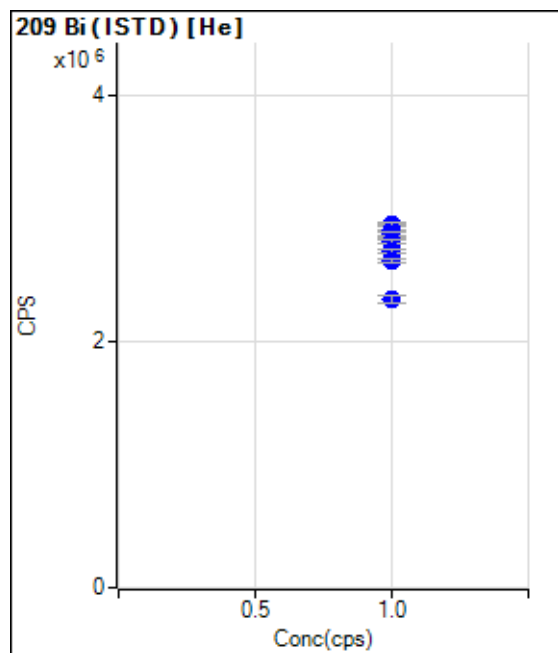
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7625543.14		A	0.1
2	☐	1.000					
3	☐	1.000		7754998.44		A	1.0
4	☐	1.000		7687455.90		A	1.6
5	☐	1.000		7705877.34		A	1.6
6	☐	1.000		7598178.47		A	1.7
7	☐	1.000		7597308.33		A	0.3
8	☐	1.000		7521980.72		A	0.6
9	☐	1.000		7154233.23		A	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3637068.14		P	0.2
2	☐	1.000					
3	☐	1.000		3579799.84		P	1.2
4	☐	1.000		3610705.09		P	3.3
5	☐	1.000		3591823.63		P	0.7
6	☐	1.000		3566324.98		P	1.0
7	☐	1.000		3510770.19		P	1.5
8	☐	1.000		3473534.88		P	1.2
9	☐	1.000		3246830.09		P	2.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5549189.43		P	0.5
2	☐	1.000					
3	☐	1.000		5613362.56		P	1.5
4	☐	1.000		5559670.75		P	2.3
5	☐	1.000		5537975.06		P	1.9
6	☐	1.000		5360850.51		P	1.8
7	☐	1.000		5341483.95		P	0.5
8	☐	1.000		5168267.63		P	1.0
9	☐	1.000		4612055.07		P	0.4



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2947676.14		P	0.3
2	☐	1.000					
3	☐	1.000		2884636.31		P	1.9
4	☐	1.000		2906666.52		P	4.3
5	☐	1.000		2868949.37		P	1.1
6	☐	1.000		2814327.07		P	1.5
7	☐	1.000		2735603.75		P	1.4
8	☐	1.000		2655455.41		P	1.3
9	☐	1.000		2342050.99		P	2.2

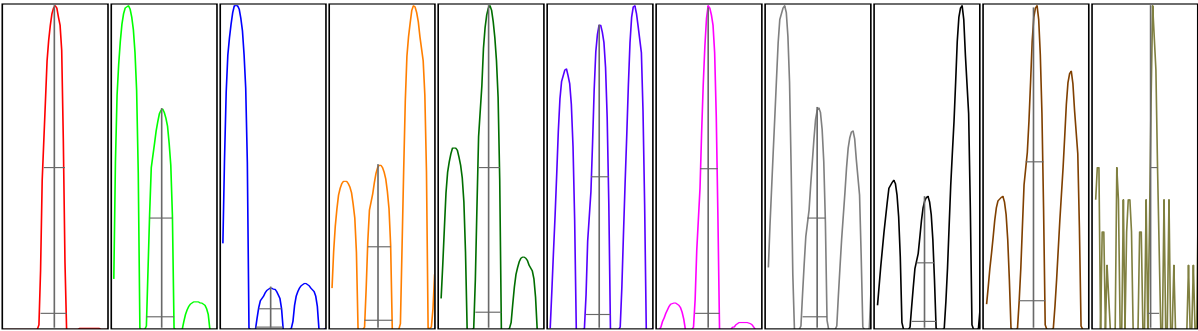
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7121217 MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]				
Mass	Count	RSD%	RSD%	RSD%
	(Mean)	(Actual)	(Required)	(Flag)
9	12210	0.70	5.00	
24	90638	0.47	5.00	
25	11516	0.37	5.00	
26	12741	0.45	5.00	
59	37533	0.61	5.00	
113	4441	0.37	5.00	
115	56749	0.91	5.00	
206	17058	0.46	5.00	
207	15494	0.64	5.00	
208	36422	0.89	5.00	
220	0	75.36		

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
9	12244	12139	12107	12318	12242
24	90918	90449	90208	91235	90379
25	11542	11485	11478	11578	11499
26	12779	12662	12723	12812	12732
59	37529	37285	37364	37872	37617
113	4430	4441	4421	4462	4452
115	57311	56240	56241	57229	56725
206	17183	16964	17049	17053	17040
207	15585	15375	15414	15597	15499
208	36781	36033	36194	36713	36391
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak	Axis	Axis	Axis	Width-X%	Width-X%	Width-
	Height	(Actual)	(Required)	(Flag)	(Actual)	(Required)	X%
9	21073	9.00	8.9 - 9.1		0.777	0.900	
24	146146	23.95	23.9 - 24.1		0.786	0.900	
25	18591	24.95	24.9 - 25.1		0.787	0.900	
26	20591	25.90	25.9 - 26.1		0.786	0.900	
59	64424	58.95	58.9 - 59.1		0.778	0.900	
113	8747	113.00	112.9 - 113.1		0.722	0.900	
115	114564	115.00	114.9 - 115.1		0.717	0.900	
206	34264	206.00	205.9 - 206.1		0.734	0.900	
207	30425	206.95	206.9 - 207.1		0.731	0.900	
208	73940	207.95	207.9 - 208.1		0.738	0.900	
220	1	220.20	-		0.337		

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	7.5	V	Deflect	12.4	V
Extract 2	-110.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-55	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0 V
He Flow	0.0	mL/min	OctP RF	120	V			

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	9549	0.34	
89	83717	0.48	
205	14170	0.44	

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
59	9552	9585	9499	9540	9566
89	83942	83884	83028	83707	84021
205	14248	14218	14092	14142	14151

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	7.8	V	Deflect	0.8	V
Extract 2	-130.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-65	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination		5.0 V
He Flow	4.1	mL/min	OctP RF	200	V			

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:19:51	DataFile Name :	003CALB_P7121217 M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.25	0.25	0.00	0.00	N/A	ppb
Antimony	121-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.03	-0.01	-0.02	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.10	-0.07	0.17	0.00	N/A	ppb
Boron	11-1	-0.11	0.10	0.01	0.00	N/A	ppb
Cadmium	111-1	0.26	-0.02	-0.24	0.00	N/A	ppb
Cadmium	106-1	3.16	-0.27	-2.89	0.00	N/A	ppb
Cadmium	108-1	-0.04	-0.04	0.08	0.00	N/A	ppb
Calcium	43-1	-0.62	0.05	0.57	0.00	N/A	ppb
Calcium	44-1	-6.14	-0.93	7.06	0.00	N/A	ppb
Chromium	52-2	0.00	0.01	-0.02	0.00	N/A	ppb
Cobalt	59-2	-0.02	0.00	0.02	0.00	N/A	ppb
Copper	63-2	0.00	0.00	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.01	-0.03	0.02	0.00	N/A	ppb
Iron	57-2	-1.46	0.64	0.82	0.00	N/A	ppb
Lead	206-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.01	-0.02	0.00	N/A	ppb
Lead	208-1	0.00	0.00	-0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.74	-0.64	1.38	0.00	N/A	ppb
Manganese	55-2	0.02	-0.01	-0.01	0.00	N/A	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:19:51	DataFile Name :	003CALB_P7121217 M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.00	0.02	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	96-1	0.02	0.01	-0.03	0.00	N/A	ppb
Molybdenum	97-1	-0.01	-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	0.09	0.04	-0.13	0.00	N/A	ppb
Phosphorus	31-2	26.48	-2.80	-29.57	-1.96		ppb
Potassium	39-2	6.03	-0.45	-5.59	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	0.16	-0.08	-0.08	0.00	N/A	ppb
Selenium	82-1	-0.28	-0.04	0.32	0.00	N/A	ppb
Silicon	28-1	-56.83	86.49	-29.66	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.64	1.76	-2.40	0.00	N/A	ppb
Strontium	86-1	0.01	0.04	-0.05	0.00	N/A	ppb
Strontium	88-1	0.01	-0.01	0.00	0.00	N/A	ppb
Sulfur	34-1	54.28	95.32	53.17	67.59	35.54	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	0.01	0.00	N/A	ppb
Tin	118-1	0.03	-0.03	0.00	0.00	N/A	ppb
Titanium	47-1	0.02	-0.05	0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.05	0.01	-0.07	0.00	N/A	ppb
Zirconium	90-1	0.01	-0.02	0.00	0.00	N/A	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:19:51	DataFile Name :	003CALB_P7121217 MS

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

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:27:52	DataFile Name :	005CALS_P7121217 M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.56	19.30	19.15	19.33	1.08	ppb
Antimony	121-1	1.83	1.81	1.79	1.81	1.18	ppb
Arsenic	75-2	1.28	1.01	0.91	1.06	17.97	ppb
Barium	135-1	9.07	8.99	9.40	9.16	2.38	ppb
Barium	137-1	9.31	9.10	9.28	9.23	1.23	ppb
Beryllium	9-1	0.99	0.96	0.80	0.92	11.40	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	22.74	24.23	22.75	23.24	3.69	ppb
Boron	11-1	21.92	22.34	22.28	22.18	1.03	ppb
Cadmium	111-1	1.05	0.84	1.32	1.07	22.36	ppb
Cadmium	106-1	1.74	1.46	4.74	2.64	68.74	ppb
Cadmium	108-1	0.85	1.01	1.07	0.98	11.37	ppb
Calcium	43-1	459.12	439.27	457.80	452.07	2.46	ppb
Calcium	44-1	488.12	476.96	442.31	469.13	5.09	ppb
Chromium	52-2	2.17	2.19	2.12	2.16	1.54	ppb
Cobalt	59-2	0.97	0.89	0.96	0.94	4.93	ppb
Copper	63-2	2.15	1.93	1.97	2.02	5.89	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				101		%
Indium	115-2				98		%
Iron	56-2	49.46	48.42	48.42	48.77	1.24	ppb
Iron	57-2	50.09	42.94	43.73	45.59	8.60	ppb
Lead	206-1	0.91	0.89	0.96	0.92	3.51	ppb
Lead	207-1	0.87	0.95	0.84	0.89	6.75	ppb
Lead	208-1	0.90	0.90	0.91	0.90	0.99	ppb
Lithium	6-1				100		%
Magnesium	24-2	479.26	457.98	463.50	466.92	2.37	ppb
Manganese	55-2	1.06	1.00	0.97	1.01	4.46	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:27:52	DataFile Name :	005CAL5_P7121217 M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.55	4.33	4.23	4.37	3.74	ppb
Molybdenum	95-1	4.81	4.41	4.87	4.70	5.41	ppb
Molybdenum	96-1	4.65	4.51	4.34	4.50	3.39	ppb
Molybdenum	97-1	4.37	4.46	4.36	4.39	1.31	ppb
Molybdenum	98-1	4.67	4.43	4.52	4.54	2.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.21	0.93	1.11	1.09	13.18	ppb
Phosphorus	31-2	-5.62	22.46	-10.95	1.96	915.20	ppb
Potassium	39-2	480.60	458.89	466.57	468.69	2.35	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	77-2	10.83	3.02	4.55	6.13	67.50	ppb
Selenium	78-2	6.16	7.75	3.47	5.79	37.28	ppb
Selenium	82-1	5.71	5.23	4.67	5.20	10.04	ppb
Silicon	28-1	2.32	-101.25	-275.79	-124.91		ppb
Silver	109-1	0.99	0.88	0.98	0.95	5.97	ppb
Silver	107-1	0.98	1.07	0.98	1.01	5.48	ppb
Sodium	23-2	482.77	457.06	452.71	464.18	3.50	ppb
Strontium	86-1	0.93	0.97	0.83	0.91	7.77	ppb
Strontium	88-1	0.96	0.94	0.89	0.93	3.71	ppb
Sulfur	34-1	308.44	-338.32	-172.88	-67.59		ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.90	0.85	0.87	0.87	3.27	ppb
Thallium	205-1	0.93	0.89	0.89	0.90	2.12	ppb
Tin	118-1	4.74	4.26	4.59	4.53	5.34	ppb
Titanium	47-1	4.66	4.30	3.77	4.24	10.56	ppb
Uranium	238-1	0.86	0.85	0.87	0.86	1.44	ppb
Vanadium	51-2	4.67	4.53	4.56	4.59	1.56	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	2.11	2.48	2.28	2.29	8.25	ppb
Zirconium	90-1	0.82	0.92	0.83	0.86	6.02	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:27:52	DataFile Name :	005CALS_P7121217 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.81	0.90	0.87	0.86	5.41	ppb

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : S03 Instrumnet Name : P7
 Client Sample ID : S03 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 13:31:43 DataFile Name : 006CAL5_P7121217 M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	978.95	1028.00	971.71	992.89	3.08	ppb
Antimony	121-1	49.04	50.10	48.75	49.29	1.44	ppb
Arsenic	75-2	49.49	52.25	48.65	50.13	3.75	ppb
Barium	135-1	246.17	253.33	245.05	248.18	1.81	ppb
Barium	137-1	251.13	252.62	246.03	249.93	1.38	ppb
Beryllium	9-1	51.10	51.40	50.05	50.85	1.40	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	50.39	49.12	48.96	49.49	1.59	ppb
Boron	11-1	49.15	50.53	49.62	49.77	1.41	ppb
Cadmium	111-1	52.50	54.53	50.37	52.46	3.96	ppb
Cadmium	106-1	52.34	55.46	51.30	53.03	4.08	ppb
Cadmium	108-1	49.74	51.85	49.34	50.31	2.69	ppb
Calcium	43-1	4942.52	4914.48	4647.29	4834.76	3.37	ppb
Calcium	44-1	5092.22	5151.90	4800.44	5014.85	3.75	ppb
Chromium	52-2	48.93	53.52	49.38	50.61	5.00	ppb
Cobalt	59-2	49.91	54.09	49.48	51.16	4.98	ppb
Copper	63-2	100.91	110.12	101.08	104.04	5.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	2524.81	2719.43	2509.37	2584.54	4.53	ppb
Iron	57-2	2493.04	2742.55	2495.89	2577.16	5.56	ppb
Lead	206-1	48.63	49.43	47.02	48.36	2.54	ppb
Lead	207-1	49.80	49.79	46.84	48.81	3.50	ppb
Lead	208-1	49.06	49.71	47.10	48.62	2.79	ppb
Lithium	6-1				99		%
Magnesium	24-2	4834.70	5232.84	4815.77	4961.10	4.75	ppb
Manganese	55-2	98.81	106.96	97.55	101.11	5.05	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:31:43	DataFile Name :	006CAL5_P7121217 M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	245.64	252.18	239.27	245.69	2.63	ppb
Molybdenum	95-1	247.99	250.72	242.95	247.22	1.59	ppb
Molybdenum	96-1	244.04	248.96	239.31	244.10	1.98	ppb
Molybdenum	97-1	242.10	247.22	238.79	242.70	1.75	ppb
Molybdenum	98-1	246.19	249.47	240.44	245.37	1.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.88	55.96	50.60	52.15	6.37	ppb
Phosphorus	31-2	901.64	1118.30	893.71	971.22	13.12	ppb
Potassium	39-2	2399.82	2599.94	2379.97	2459.91	4.95	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	44.66	44.02	40.32	43.00	5.45	ppb
Selenium	78-2	46.41	56.70	46.56	49.89	11.82	ppb
Selenium	82-1	49.56	53.10	51.21	51.29	3.45	ppb
Silicon	28-1	23.75	134.82	-501.35	-114.26		ppb
Silver	109-1	52.44	52.78	51.04	52.09	1.77	ppb
Silver	107-1	52.38	53.01	50.91	52.10	2.07	ppb
Sodium	23-2	4848.67	5224.22	4818.47	4963.79	4.55	ppb
Strontium	86-1	50.11	49.96	48.96	49.68	1.26	ppb
Strontium	88-1	49.69	50.35	49.03	49.69	1.33	ppb
Sulfur	34-1	1203.20	1178.66	-28.52	784.45	89.76	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	48.68	49.00	46.65	48.11	2.65	ppb
Thallium	205-1	49.18	49.07	47.07	48.44	2.45	ppb
Tin	118-1	50.61	52.10	48.90	50.54	3.16	ppb
Titanium	47-1	250.43	251.65	238.23	246.77	3.01	ppb
Uranium	238-1	48.12	48.51	46.64	47.76	2.06	ppb
Vanadium	51-2	48.65	52.00	49.02	49.89	3.68	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	102.47	112.36	99.68	104.84	6.36	ppb
Zirconium	90-1	50.13	50.61	47.89	49.55	2.93	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:31:43	DataFile Name :	006CALS_P7121217 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.45	49.17	48.16	48.93	1.39	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:35:34	DataFile Name :	007CAL5_P7121217 M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2447.06	2416.79	2457.54	2440.46	0.87	ppb
Antimony	121-1	123.43	125.90	123.49	124.27	1.14	ppb
Arsenic	75-2	123.23	126.58	127.34	125.72	1.74	ppb
Barium	135-1	621.31	638.57	603.67	621.18	2.81	ppb
Barium	137-1	624.94	634.03	612.18	623.72	1.76	ppb
Beryllium	9-1	127.61	127.31	125.17	126.70	1.05	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	122.01	126.00	126.00	124.67	1.85	ppb
Boron	11-1	121.69	125.20	124.99	123.96	1.59	ppb
Cadmium	111-1	130.32	131.10	126.39	129.27	1.95	ppb
Cadmium	106-1	130.80	133.03	123.26	129.03	3.97	ppb
Cadmium	108-1	124.54	132.59	125.40	127.51	3.47	ppb
Calcium	43-1	12216.99	12435.84	11914.25	12189.03	2.15	ppb
Calcium	44-1	12592.53	12931.59	12317.89	12614.00	2.44	ppb
Chromium	52-2	125.03	125.64	127.53	126.07	1.03	ppb
Cobalt	59-2	125.82	127.05	128.32	127.06	0.98	ppb
Copper	63-2	253.93	257.38	259.63	256.98	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	6368.05	6417.46	6478.78	6421.43	0.86	ppb
Iron	57-2	6297.25	6387.76	6446.98	6377.33	1.18	ppb
Lead	206-1	122.05	124.66	119.73	122.15	2.02	ppb
Lead	207-1	121.91	124.51	119.93	122.12	1.88	ppb
Lead	208-1	121.79	124.24	119.33	121.79	2.02	ppb
Lithium	6-1				99		%
Magnesium	24-2	12297.37	12377.72	12451.64	12375.58	0.62	ppb
Manganese	55-2	247.30	252.50	253.78	251.19	1.37	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:35:34	DataFile Name :	007CAL5_P7121217 M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	615.80	628.99	603.04	615.94	2.11	ppb
Molybdenum	95-1	614.35	627.07	608.17	616.53	1.56	ppb
Molybdenum	96-1	612.71	623.51	598.99	611.74	2.01	ppb
Molybdenum	97-1	614.60	621.90	602.70	613.07	1.58	ppb
Molybdenum	98-1	619.05	629.57	604.28	617.63	2.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.22	130.06	129.97	129.75	0.35	ppb
Phosphorus	31-2	2389.03	2599.08	2489.02	2492.38	4.22	ppb
Potassium	39-2	6086.15	6181.02	6227.33	6164.83	1.17	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	140.99	159.56	108.36	136.30	19.02	ppb
Selenium	78-2	133.65	132.96	129.26	131.95	1.79	ppb
Selenium	82-1	130.00	132.05	123.16	128.40	3.63	ppb
Silicon	28-1	-59.20	224.99	-268.98	-34.40		ppb
Silver	109-1	129.53	131.61	126.65	129.26	1.92	ppb
Silver	107-1	128.13	132.24	126.80	129.06	2.20	ppb
Sodium	23-2	12466.55	12529.66	12642.99	12546.40	0.71	ppb
Strontium	86-1	125.65	126.43	122.00	124.69	1.89	ppb
Strontium	88-1	124.54	126.77	121.27	124.19	2.23	ppb
Sulfur	34-1	1659.65	2282.18	1277.98	1739.94	29.13	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	120.83	123.17	117.45	120.48	2.39	ppb
Thallium	205-1	122.71	124.49	118.99	122.06	2.30	ppb
Tin	118-1	124.61	127.95	122.20	124.92	2.31	ppb
Titanium	47-1	611.38	633.07	601.77	615.41	2.61	ppb
Uranium	238-1	120.75	122.97	117.23	120.32	2.40	ppb
Vanadium	51-2	123.19	125.28	126.01	124.83	1.17	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	259.23	254.67	261.03	258.31	1.27	ppb
Zirconium	90-1	124.25	125.45	121.36	123.69	1.70	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:35:34	DataFile Name :	007CALS_P7121217 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	124.17	125.70	121.63	123.83	1.66	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:39:23	DataFile Name :	008CAL5_P7121217 M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4877.24	4983.80	5005.52	4955.52	1.39	ppb
Antimony	121-1	245.32	259.30	252.92	252.51	2.77	ppb
Arsenic	75-2	251.47	254.87	252.41	252.92	0.69	ppb
Barium	135-1	1219.61	1267.85	1259.07	1248.84	2.06	ppb
Barium	137-1	1238.91	1287.47	1267.42	1264.60	1.93	ppb
Beryllium	9-1	250.01	257.17	254.76	253.98	1.44	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	244.66	255.94	259.30	253.30	3.03	ppb
Boron	11-1	241.07	254.71	253.82	249.87	3.05	ppb
Cadmium	111-1	254.16	263.45	259.05	258.88	1.80	ppb
Cadmium	106-1	251.32	260.91	253.34	255.19	1.98	ppb
Cadmium	108-1	252.93	257.87	253.56	254.79	1.06	ppb
Calcium	43-1	24045.20	25006.24	24681.85	24577.77	1.99	ppb
Calcium	44-1	24165.46	25331.79	24816.55	24771.27	2.36	ppb
Chromium	52-2	249.73	255.24	254.45	253.14	1.18	ppb
Cobalt	59-2	252.59	255.04	257.00	254.88	0.87	ppb
Copper	63-2	508.41	519.12	519.04	515.52	1.19	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				100		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	12785.90	12965.11	13022.77	12924.59	0.96	ppb
Iron	57-2	12716.29	12926.63	12925.46	12856.12	0.94	ppb
Lead	206-1	245.32	253.97	251.77	250.35	1.80	ppb
Lead	207-1	244.19	253.06	250.46	249.23	1.83	ppb
Lead	208-1	244.94	254.11	250.81	249.95	1.86	ppb
Lithium	6-1				97		%
Magnesium	24-2	24936.13	25290.62	25398.64	25208.46	0.96	ppb
Manganese	55-2	500.78	509.16	511.13	507.02	1.08	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:39:23	DataFile Name :	008CAL5_P7121217 M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1232.88	1276.38	1259.75	1256.34	1.75	ppb
Molybdenum	95-1	1226.30	1269.24	1254.14	1249.89	1.74	ppb
Molybdenum	96-1	1215.48	1257.84	1247.82	1240.38	1.78	ppb
Molybdenum	97-1	1209.34	1263.20	1249.86	1240.80	2.26	ppb
Molybdenum	98-1	1230.52	1276.80	1254.37	1253.90	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	256.59	258.72	261.63	258.98	0.98	ppb
Phosphorus	31-2	5058.80	5148.30	5196.73	5134.61	1.36	ppb
Potassium	39-2	12350.25	12546.27	12663.78	12520.10	1.27	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	77-2	234.86	244.54	292.07	257.16	11.91	ppb
Selenium	78-2	248.01	255.56	247.84	250.47	1.76	ppb
Selenium	82-1	246.81	253.48	257.40	252.56	2.12	ppb
Silicon	28-1	7.90	447.52	300.99	252.14	88.78	ppb
Silver	109-1	252.55	261.25	257.92	257.24	1.71	ppb
Silver	107-1	254.00	263.44	258.38	258.61	1.83	ppb
Sodium	23-2	24751.37	25236.92	25167.18	25051.82	1.05	ppb
Strontium	86-1	243.65	253.37	254.82	250.61	2.42	ppb
Strontium	88-1	247.31	256.85	252.61	252.26	1.90	ppb
Sulfur	34-1	3887.02	4947.96	4526.06	4453.68	11.99	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	243.19	253.04	249.37	248.53	2.00	ppb
Thallium	205-1	245.12	254.69	253.49	251.10	2.08	ppb
Tin	118-1	247.60	257.10	252.53	252.41	1.88	ppb
Titanium	47-1	1215.66	1272.55	1255.22	1247.81	2.34	ppb
Uranium	238-1	246.40	256.26	252.27	251.64	1.97	ppb
Vanadium	51-2	249.02	250.70	254.10	251.27	1.03	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	511.73	526.32	521.92	519.99	1.44	ppb
Zirconium	90-1	244.60	255.15	252.64	250.80	2.20	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:39:23	DataFile Name :	008CALS_P7121217 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	245.49	254.71	250.00	250.07	1.84	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:43:09	DataFile Name :	009CAL5_P7121217 M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9873.11	9826.95	10107.82	9935.96	1.52	ppb
Antimony	121-1	501.59	498.53	500.23	500.12	0.31	ppb
Arsenic	75-2	495.80	499.97	516.32	504.03	2.15	ppb
Barium	135-1	2513.45	2479.17	2497.26	2496.63	0.69	ppb
Barium	137-1	2533.12	2508.80	2519.73	2520.55	0.48	ppb
Beryllium	9-1	502.71	503.96	500.48	502.38	0.35	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Boron	10-1	491.22	506.77	500.66	499.55	1.57	ppb
Boron	11-1	489.71	497.80	505.29	497.60	1.57	ppb
Cadmium	111-1	504.92	504.73	506.73	505.46	0.22	ppb
Cadmium	106-1	509.98	505.60	504.70	506.76	0.56	ppb
Cadmium	108-1	501.08	507.41	496.42	501.64	1.10	ppb
Calcium	43-1	48907.05	48816.11	48243.70	48655.62	0.74	ppb
Calcium	44-1	49014.88	49228.45	48504.34	48915.89	0.76	ppb
Chromium	52-2	500.73	501.01	514.89	505.54	1.60	ppb
Cobalt	59-2	502.10	503.97	512.82	506.30	1.13	ppb
Copper	63-2	1012.64	1010.78	1030.83	1018.08	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	25478.63	25604.19	26111.13	25731.32	1.30	ppb
Iron	57-2	25249.01	25327.65	25694.82	25423.83	0.94	ppb
Lead	206-1	495.45	495.40	490.10	493.65	0.62	ppb
Lead	207-1	494.58	496.87	491.10	494.18	0.59	ppb
Lead	208-1	497.95	496.72	492.38	495.68	0.59	ppb
Lithium	6-1				96		%
Magnesium	24-2	49769.60	50033.70	51066.03	50289.78	1.36	ppb
Manganese	55-2	1001.70	1003.30	1027.37	1010.79	1.42	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:43:09	DataFile Name :	009CAL5_P7121217 M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2519.40	2505.30	2485.23	2503.31	0.69	ppb
Molybdenum	95-1	2520.56	2505.41	2480.72	2502.23	0.80	ppb
Molybdenum	96-1	2491.33	2491.50	2461.97	2481.60	0.69	ppb
Molybdenum	97-1	2494.90	2457.60	2439.48	2464.00	1.15	ppb
Molybdenum	98-1	2491.93	2493.89	2468.90	2484.90	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.43	502.40	515.37	509.07	1.28	ppb
Phosphorus	31-2	9937.74	10191.35	10382.59	10170.56	2.19	ppb
Potassium	39-2	24964.60	24951.88	25524.75	25147.08	1.30	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	77-2	463.24	503.68	473.82	480.24	4.37	ppb
Selenium	78-2	500.25	490.57	523.32	504.71	3.33	ppb
Selenium	82-1	494.69	499.37	493.94	496.00	0.59	ppb
Silicon	28-1	586.69	652.17	534.70	591.19	9.96	ppb
Silver	109-1	507.54	504.26	503.32	505.04	0.44	ppb
Silver	107-1	508.53	505.06	507.09	506.89	0.34	ppb
Sodium	23-2	49722.53	49818.53	50702.44	50081.17	1.08	ppb
Strontium	86-1	499.10	497.50	495.14	497.25	0.40	ppb
Strontium	88-1	506.05	503.76	497.58	502.46	0.87	ppb
Sulfur	34-1	9829.26	10120.47	9668.42	9872.71	2.32	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	492.96	494.24	487.22	491.47	0.76	ppb
Thallium	205-1	504.09	504.58	497.03	501.90	0.84	ppb
Tin	118-1	500.99	498.29	501.36	500.21	0.33	ppb
Titanium	47-1	2470.16	2505.35	2473.99	2483.17	0.78	ppb
Uranium	238-1	493.26	492.14	486.19	490.53	0.77	ppb
Vanadium	51-2	497.86	500.18	510.52	502.85	1.34	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	1015.34	1020.28	1043.96	1026.53	1.49	ppb
Zirconium	90-1	503.52	498.89	495.87	499.43	0.77	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:43:09	DataFile Name :	009CALS_P7121217 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	498.76	497.83	495.73	497.44	0.31	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:46:53	DataFile Name :	010CAL5_P7121217 M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19954.99	19327.58	19459.25	19580.61	1.69	ppb
Antimony	121-1	1008.51	998.37	991.44	999.44	0.86	ppb
Arsenic	75-2	1018.65	981.24	991.59	997.16	1.94	ppb
Barium	135-1	5035.32	5006.36	4965.96	5002.55	0.70	ppb
Barium	137-1	5026.51	5001.52	4930.70	4986.24	1.00	ppb
Beryllium	9-1	1003.67	999.73	989.27	997.56	0.75	ppb
Bismuth	209-1				93		%
Bismuth	209-2				90		%
Boron	10-1	979.78	1009.38	1009.37	999.51	1.71	ppb
Boron	11-1	993.63	1004.45	1006.25	1001.44	0.68	ppb
Cadmium	111-1	1005.65	988.82	988.71	994.39	0.98	ppb
Cadmium	106-1	1008.11	989.56	986.32	994.66	1.18	ppb
Cadmium	108-1	1012.43	987.07	993.47	997.66	1.32	ppb
Calcium	43-1	98569.23	98725.07	96819.75	98038.02	1.08	ppb
Calcium	44-1	98643.85	98137.22	96724.24	97835.11	1.02	ppb
Chromium	52-2	1014.72	984.39	989.72	996.28	1.62	ppb
Cobalt	59-2	1011.72	983.25	990.99	995.32	1.48	ppb
Copper	63-2	2023.04	1957.86	1977.11	1986.00	1.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				96		%
Indium	115-1				93		%
Indium	115-2				90		%
Iron	56-2	51562.32	49861.56	50344.87	50589.59	1.73	ppb
Iron	57-2	50976.49	49258.87	49828.39	50021.25	1.75	ppb
Lead	206-1	1014.96	1006.05	989.56	1003.52	1.28	ppb
Lead	207-1	1010.91	1004.43	995.22	1003.52	0.79	ppb
Lead	208-1	1013.68	1003.96	990.28	1002.64	1.17	ppb
Lithium	6-1				94		%
Magnesium	24-2	100823.23	97738.42	98465.47	99009.04	1.63	ppb
Manganese	55-2	2031.27	1966.04	1980.63	1992.64	1.72	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:46:53	DataFile Name :	010CAL5_P7121217 M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5037.34	5011.83	4945.16	4998.11	0.95	ppb
Molybdenum	95-1	5051.69	5009.74	4938.89	5000.11	1.14	ppb
Molybdenum	96-1	5062.25	5007.26	4971.17	5013.56	0.91	ppb
Molybdenum	97-1	5071.33	5023.47	4971.68	5022.16	0.99	ppb
Molybdenum	98-1	5045.45	5007.44	4970.29	5007.73	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1009.35	981.12	987.09	992.52	1.50	ppb
Phosphorus	31-2	20391.67	19791.44	19467.26	19883.46	2.36	ppb
Potassium	39-2	50296.85	49651.98	49733.27	49894.03	0.70	ppb
Rhodium	103-1				91		%
Rhodium	103-2				88		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	77-2	1069.74	975.10	976.22	1007.02	5.39	ppb
Selenium	78-2	1020.72	988.16	981.09	996.66	2.12	ppb
Selenium	82-1	1012.29	992.91	997.40	1000.87	1.01	ppb
Silicon	28-1	989.92	1058.55	901.61	983.36	8.00	ppb
Silver	109-1	1005.61	992.44	987.05	995.03	0.96	ppb
Silver	107-1	1003.44	993.01	984.92	993.79	0.93	ppb
Sodium	23-2	100959.16	97804.92	98776.80	99180.29	1.63	ppb
Strontium	86-1	1008.40	1002.50	992.94	1001.28	0.78	ppb
Strontium	88-1	1008.19	1002.66	984.11	998.32	1.26	ppb
Sulfur	34-1	20596.15	20355.20	19966.68	20306.01	1.56	ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	1015.98	1008.67	991.21	1005.29	1.27	ppb
Thallium	205-1	1012.34	1001.35	983.98	999.22	1.43	ppb
Tin	118-1	1004.49	999.75	993.59	999.28	0.55	ppb
Titanium	47-1	5039.91	5034.18	4956.88	5010.33	0.93	ppb
Uranium	238-1	1017.41	1005.18	992.48	1005.02	1.24	ppb
Vanadium	51-2	1018.00	982.08	994.77	998.28	1.82	ppb
Yttrium	89-1				96		%
Yttrium	89-2				93		%
Zinc	66-2	2011.03	1962.75	1967.58	1980.46	1.34	ppb
Zirconium	90-1	1011.78	1003.57	985.48	1000.27	1.35	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:46:53	DataFile Name :	010CALS_P7121217 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1010.92	1005.95	987.52	1001.46	1.23	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:50:36	DataFile Name :	011CALS_P7121217 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100222.19	102898.52	97161.49	100094.07	2.87	ppb
Antimony	121-1	2.65	2.59	2.46	2.57	3.64	ppb
Arsenic	75-2	0.33	0.67	0.45	0.48	35.59	ppb
Barium	135-1	1.94	1.80	1.78	1.84	4.71	ppb
Barium	137-1	1.96	1.81	1.64	1.80	9.06	ppb
Beryllium	9-1	1.25	1.11	0.98	1.11	12.41	ppb
Bismuth	209-1				83		%
Bismuth	209-2				79		%
Boron	10-1	33.65	31.30	28.77	31.24	7.80	ppb
Boron	11-1	34.35	31.15	30.07	31.86	7.00	ppb
Cadmium	111-1	0.26	0.27	0.11	0.21	41.99	ppb
Cadmium	106-1	1.95	1.57	-0.43	1.03	123.60	ppb
Cadmium	108-1	0.48	0.35	0.03	0.29	79.78	ppb
Calcium	43-1	504031.74	500785.30	496855.22	500557.42	0.72	ppb
Calcium	44-1	502920.46	501821.57	496907.54	500549.86	0.64	ppb
Chromium	52-2	8.59	8.65	8.61	8.61	0.35	ppb
Cobalt	59-2	1.07	1.17	1.13	1.12	4.65	ppb
Copper	63-2	2.43	2.47	2.23	2.38	5.55	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				94		%
Holmium	165-2				89		%
Indium	115-1				87		%
Indium	115-2				84		%
Iron	56-2	250425.95	256753.89	242167.93	249782.59	2.93	ppb
Iron	57-2	250601.68	256755.44	242437.71	249931.61	2.87	ppb
Lead	206-1	1.47	1.63	1.56	1.55	4.96	ppb
Lead	207-1	1.42	1.46	1.43	1.44	1.49	ppb
Lead	208-1	1.49	1.52	1.55	1.52	1.84	ppb
Lithium	6-1				89		%
Magnesium	24-2	500946.74	513468.37	486071.86	500162.32	2.74	ppb
Manganese	55-2	5.05	4.95	4.86	4.95	2.00	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:50:36	DataFile Name :	011CAL5_P7121217 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.55	2.24	2.36	2.38	6.59	ppb
Molybdenum	95-1	3.12	3.11	3.23	3.15	2.22	ppb
Molybdenum	96-1	3.18	3.20	2.84	3.08	6.50	ppb
Molybdenum	97-1	3.05	3.10	2.96	3.04	2.32	ppb
Molybdenum	98-1	3.18	3.15	2.89	3.08	5.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.41	5.72	4.83	5.32	8.47	ppb
Phosphorus	31-2	27.28	15.64	-11.88	10.35	194.33	ppb
Potassium	39-2	250071.30	256141.20	243811.72	250008.07	2.47	ppb
Rhodium	103-1				82		%
Rhodium	103-2				79		%
Scandium	45-1				92		%
Scandium	45-2				88		%
Selenium	77-2	1.70	1.73	0.00	1.14	86.61	ppb
Selenium	78-2	2.93	1.27	-0.23	1.32	119.71	ppb
Selenium	82-1	0.23	0.73	0.38	0.45	57.87	ppb
Silicon	28-1	624.03	534.12	531.42	563.19	9.36	ppb
Silver	109-1	0.10	0.07	0.05	0.07	31.71	ppb
Silver	107-1	0.04	0.06	0.04	0.05	14.42	ppb
Sodium	23-2	499975.88	513553.39	486928.14	500152.47	2.66	ppb
Strontium	86-1	35.35	34.49	35.22	35.02	1.32	ppb
Strontium	88-1	33.66	34.25	33.77	33.89	0.93	ppb
Sulfur	34-1	1208.13	1244.59	1266.05	1239.59	2.36	ppb
Terbium	159-1				93		%
Terbium	159-2				89		%
Thallium	203-1	0.26	0.21	0.20	0.22	14.39	ppb
Thallium	205-1	0.24	0.23	0.21	0.23	6.36	ppb
Tin	118-1	1.16	1.17	1.25	1.19	3.95	ppb
Titanium	47-1	1.52	1.18	1.33	1.34	12.53	ppb
Uranium	238-1	0.07	0.06	0.06	0.06	12.08	ppb
Vanadium	51-2	0.12	0.13	0.19	0.15	23.29	ppb
Yttrium	89-1				91		%
Yttrium	89-2				89		%
Zinc	66-2	4.49	4.14	4.38	4.33	4.11	ppb
Zirconium	90-1	0.18	0.16	0.15	0.16	11.13	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:50:36	DataFile Name :	011CALS_P7121217 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.23	0.15	0.22	0.20	22.79	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:01:04	DataFile Name :	012ICV_P7121217 MS.L

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	510.13	508.98	486.33	501.81	2.67	ppb
Antimony	121-1	188.28	193.11	191.00	190.79	1.27	ppb
Arsenic	75-2	197.32	200.86	193.06	197.08	1.98	ppb
Barium	135-1	96.44	98.31	97.35	97.37	0.96	ppb
Barium	137-1	96.77	98.25	96.59	97.20	0.94	ppb
Beryllium	9-1	96.48	96.63	96.31	96.47	0.17	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Boron	10-1	558.79	589.22	587.10	578.37	2.94	ppb
Boron	11-1	563.76	577.60	586.27	575.88	1.97	ppb
Cadmium	111-1	106.78	108.31	107.17	107.42	0.74	ppb
Cadmium	106-1	227.05	234.13	221.76	227.65	2.73	ppb
Cadmium	108-1	164.63	167.88	163.84	165.45	1.29	ppb
Calcium	43-1	2027.58	2197.49	2066.82	2097.30	4.24	ppb
Calcium	44-1	2111.25	2172.75	2129.13	2137.71	1.48	ppb
Chromium	52-2	99.01	99.69	98.66	99.12	0.53	ppb
Cobalt	59-2	101.10	102.20	100.97	101.42	0.66	ppb
Copper	63-2	102.23	104.62	101.78	102.88	1.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				94		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	1022.96	1042.82	1030.94	1032.24	0.97	ppb
Iron	57-2	1046.58	1032.26	1057.20	1045.35	1.20	ppb
Lead	206-1	190.58	195.68	193.34	193.20	1.32	ppb
Lead	207-1	184.23	189.00	185.96	186.40	1.30	ppb
Lead	208-1	187.10	191.94	189.11	189.38	1.28	ppb
Lithium	6-1				96		%
Magnesium	24-2	1150.76	1162.80	1133.31	1148.96	1.29	ppb
Manganese	55-2	99.51	102.21	100.03	100.58	1.43	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:01:04	DataFile Name :	012ICV_P7121217 MS.L

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1251.01	1262.17	1251.86	1255.01	0.50	ppb
Molybdenum	95-1	539.52	549.81	544.07	544.47	0.95	ppb
Molybdenum	96-1	619.49	634.53	622.41	625.48	1.28	ppb
Molybdenum	97-1	537.99	545.26	540.99	541.41	0.67	ppb
Molybdenum	98-1	538.24	547.23	543.50	542.99	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.47	105.51	103.95	104.64	0.76	ppb
Phosphorus	31-2	18.31	13.25	2.18	11.25	73.35	ppb
Potassium	39-2	2007.02	2023.25	1985.91	2005.39	0.93	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				98		%
Scandium	45-2				93		%
Selenium	77-2	217.93	186.24	210.44	204.87	8.09	ppb
Selenium	78-2	193.54	217.80	208.00	206.45	5.91	ppb
Selenium	82-1	200.49	200.14	202.50	201.04	0.63	ppb
Silicon	28-1	915.90	1158.97	1071.45	1048.77	11.74	ppb
Silver	109-1	98.78	99.75	98.82	99.12	0.55	ppb
Silver	107-1	99.46	101.09	99.91	100.15	0.84	ppb
Sodium	23-2	2000.94	2050.25	2001.25	2017.48	1.41	ppb
Strontium	86-1	546.38	557.15	551.18	551.57	0.98	ppb
Strontium	88-1	550.92	562.93	557.53	557.13	1.08	ppb
Sulfur	34-1	314.74	854.50	271.49	480.24	67.64	ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	191.34	196.06	191.01	192.81	1.46	ppb
Thallium	205-1	192.74	198.64	193.77	195.05	1.62	ppb
Tin	118-1	554.45	562.65	557.10	558.06	0.75	ppb
Titanium	47-1	540.26	546.34	548.21	544.94	0.76	ppb
Uranium	238-1	552.95	567.15	560.74	560.28	1.27	ppb
Vanadium	51-2	97.92	98.59	98.31	98.27	0.34	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	208.98	206.99	207.64	207.87	0.49	ppb
Zirconium	90-1	567.01	578.10	573.16	572.76	0.97	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:01:04	DataFile Name :	012ICV_P7121217 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	561.44	574.96	568.90	568.44	1.19	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:05:27	DataFile Name :	013CCBE_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.41	0.15	0.31	0.29	45.06	ppb
Antimony	121-1	0.52	0.54	0.55	0.54	2.91	ppb
Arsenic	75-2	0.05	0.00	0.02	0.02	107.88	ppb
Barium	135-1	0.09	0.08	0.08	0.08	5.65	ppb
Barium	137-1	0.09	0.09	0.10	0.10	7.79	ppb
Beryllium	9-1	0.31	0.25	0.26	0.27	10.89	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Boron	10-1	12.44	12.12	10.55	11.70	8.65	ppb
Boron	11-1	11.38	11.32	10.75	11.15	3.09	ppb
Cadmium	111-1	0.12	0.00	0.09	0.07	83.52	ppb
Cadmium	106-1	1.38	0.07	1.00	0.82	82.17	ppb
Cadmium	108-1	0.21	0.27	-0.10	0.13	154.64	ppb
Calcium	43-1	7.44	5.86	6.93	6.74	11.95	ppb
Calcium	44-1	71.15	77.91	68.73	72.60	6.56	ppb
Chromium	52-2	0.01	0.02	0.01	0.01	54.95	ppb
Cobalt	59-2	0.05	0.07	0.07	0.06	20.39	ppb
Copper	63-2	0.03	0.10	0.04	0.06	73.66	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				97		%
Holmium	165-2				95		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	7.19	6.74	7.39	7.11	4.70	ppb
Iron	57-2	8.29	7.36	6.90	7.52	9.35	ppb
Lead	206-1	0.09	0.10	0.10	0.09	6.22	ppb
Lead	207-1	0.08	0.08	0.11	0.09	19.88	ppb
Lead	208-1	0.08	0.10	0.09	0.09	7.76	ppb
Lithium	6-1				96		%
Magnesium	24-2	-36.95	-35.14	-36.87	-36.32		ppb
Manganese	55-2	0.08	0.07	0.12	0.09	33.67	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:05:27	DataFile Name :	013CCBE_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.34	0.31	0.35	0.33	6.61	ppb
Molybdenum	95-1	0.33	0.27	0.33	0.31	11.20	ppb
Molybdenum	96-1	0.37	0.27	0.31	0.32	14.33	ppb
Molybdenum	97-1	0.30	0.34	0.37	0.33	10.85	ppb
Molybdenum	98-1	0.28	0.30	0.34	0.31	10.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.16	-0.24	-0.16		ppb
Phosphorus	31-2	-23.96	19.46	-5.61	-3.37		ppb
Potassium	39-2	14.79	8.69	27.89	17.13	57.28	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	77-2	0.00	1.58	0.00	0.53	173.21	ppb
Selenium	78-2	-0.04	0.51	0.83	0.44	100.62	ppb
Selenium	82-1	-0.14	0.14	-0.24	-0.08		ppb
Silicon	28-1	672.55	807.41	628.93	702.96	13.24	ppb
Silver	109-1	0.01	0.02	0.00	0.01	109.76	ppb
Silver	107-1	0.00	0.00	0.00	0.00	161.75	ppb
Sodium	23-2	32.15	35.17	41.90	36.41	13.72	ppb
Strontium	86-1	0.06	-0.01	0.02	0.02	139.50	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	667.19	ppb
Sulfur	34-1	664.74	681.86	309.10	551.90	38.13	ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	0.02	0.01	0.01	0.01	42.85	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	6.17	ppb
Tin	118-1	0.33	0.39	0.29	0.34	14.92	ppb
Titanium	47-1	-0.16	-0.21	-0.16	-0.18		ppb
Uranium	238-1	0.02	0.02	0.02	0.02	5.34	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	25.91	ppb
Yttrium	89-1				97		%
Yttrium	89-2				95		%
Zinc	66-2	0.03	0.16	0.26	0.15	76.48	ppb
Zirconium	90-1	0.05	0.03	0.07	0.05	45.17	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:05:27	DataFile Name :	013CCBE_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.06	0.05	0.05	21.65	ppb

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P7
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 14:09:00 DataFile Name : 014ICSA_P7121217 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91275.75	94613.60	92330.78	92740.05	1.84	ppb
Antimony	121-1	1.56	1.45	1.58	1.53	4.52	ppb
Arsenic	75-2	0.33	0.45	0.22	0.33	34.11	ppb
Barium	135-1	1.53	1.45	1.70	1.56	8.05	ppb
Barium	137-1	1.63	1.64	1.47	1.58	6.00	ppb
Beryllium	9-1	0.46	0.45	0.53	0.48	9.62	ppb
Bismuth	209-1				92		%
Bismuth	209-2				88		%
Boron	10-1	9.41	8.80	8.51	8.91	5.19	ppb
Boron	11-1	8.38	8.30	8.49	8.39	1.12	ppb
Cadmium	111-1	0.70	0.87	0.58	0.72	20.38	ppb
Cadmium	106-1	-1.66	0.03	-2.17	-1.26		ppb
Cadmium	108-1	24.90	20.94	25.58	23.81	10.51	ppb
Calcium	43-1	97341.53	95090.03	96966.51	96466.03	1.25	ppb
Calcium	44-1	97658.58	95419.92	97096.97	96725.16	1.20	ppb
Chromium	52-2	19.32	20.46	20.21	20.00	3.00	ppb
Cobalt	59-2	1.14	1.21	1.21	1.19	3.34	ppb
Copper	63-2	7.85	8.28	8.11	8.08	2.67	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				99		%
Holmium	165-2				95		%
Indium	115-1				95		%
Indium	115-2				91		%
Iron	56-2	100115.55	101874.39	100231.87	100740.60	0.98	ppb
Iron	57-2	98768.39	100694.19	99490.54	99651.04	0.98	ppb
Lead	206-1	5.26	5.14	5.14	5.18	1.35	ppb
Lead	207-1	4.83	4.39	4.46	4.56	5.15	ppb
Lead	208-1	4.89	4.72	4.73	4.78	2.03	ppb
Lithium	6-1				95		%
Magnesium	24-2	97566.91	99908.34	98347.99	98607.75	1.21	ppb
Manganese	55-2	7.77	7.73	8.10	7.86	2.57	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:09:00	DataFile Name :	014ICSA_P7121217 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1340.43	1306.62	1338.05	1328.37	1.42	ppb
Molybdenum	95-1	1929.10	1891.92	1933.33	1918.12	1.19	ppb
Molybdenum	96-1	1843.94	1806.98	1839.35	1830.09	1.10	ppb
Molybdenum	97-1	1906.50	1865.84	1911.84	1894.73	1.33	ppb
Molybdenum	98-1	1947.85	1907.28	1940.99	1932.04	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.62	4.84	4.42	4.63	4.52	ppb
Phosphorus	31-2	97693.11	101226.17	98601.38	99173.55	1.85	ppb
Potassium	39-2	97197.03	99459.79	97525.87	98060.90	1.25	ppb
Rhodium	103-1				91		%
Rhodium	103-2				87		%
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	-0.26	1.41	0.55	0.57	147.02	ppb
Selenium	82-1	0.66	-0.07	0.26	0.28	129.40	ppb
Silicon	28-1	869.41	597.14	667.95	711.50	19.85	ppb
Silver	109-1	0.07	0.09	0.10	0.09	14.77	ppb
Silver	107-1	0.11	0.09	0.08	0.09	15.54	ppb
Sodium	23-2	97787.96	100218.11	98076.95	98694.34	1.35	ppb
Strontium	86-1	33.30	33.45	33.97	33.57	1.04	ppb
Strontium	88-1	33.72	33.09	33.74	33.52	1.10	ppb
Sulfur	34-1	100946.63	97509.99	99152.34	99202.98	1.73	ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	0.26	0.22	0.25	0.24	8.64	ppb
Thallium	205-1	0.29	0.22	0.22	0.24	15.50	ppb
Tin	118-1	0.27	0.25	0.30	0.27	9.88	ppb
Titanium	47-1	2050.95	1997.74	2039.01	2029.23	1.38	ppb
Uranium	238-1	0.04	0.03	0.02	0.03	20.55	ppb
Vanadium	51-2	0.18	0.20	0.20	0.20	5.08	ppb
Yttrium	89-1				97		%
Yttrium	89-2				92		%
Zinc	66-2	11.72	11.93	11.78	11.81	0.91	ppb
Zirconium	90-1	0.28	0.22	0.23	0.24	13.39	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:09:00	DataFile Name :	014ICSA_P7121217 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.31	0.20	0.15	0.22	36.27	ppb

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P7
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 14:12:31 DataFile Name : 015ICSB_P7121217 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98089.24	90681.19	92441.24	93737.23	4.13	ppb
Antimony	121-1	20.95	20.07	20.86	20.63	2.35	ppb
Arsenic	75-2	20.60	18.78	18.29	19.22	6.35	ppb
Barium	135-1	21.29	21.33	21.12	21.25	0.54	ppb
Barium	137-1	21.46	20.44	21.53	21.14	2.87	ppb
Beryllium	9-1	19.76	19.40	19.93	19.70	1.39	ppb
Bismuth	209-1				92		%
Bismuth	209-2				86		%
Boron	10-1	70.50	72.19	73.53	72.07	2.11	ppb
Boron	11-1	71.43	70.95	73.94	72.11	2.22	ppb
Cadmium	111-1	20.92	21.28	21.52	21.24	1.42	ppb
Cadmium	106-1	31.04	32.76	33.64	32.48	4.08	ppb
Cadmium	108-1	45.42	47.20	45.21	45.95	2.38	ppb
Calcium	43-1	94929.76	95678.09	96664.07	95757.31	0.91	ppb
Calcium	44-1	95787.92	96035.50	97505.10	96442.84	0.96	ppb
Chromium	52-2	42.33	39.43	39.66	40.47	3.98	ppb
Cobalt	59-2	22.36	20.84	21.15	21.45	3.75	ppb
Copper	63-2	29.38	28.11	28.54	28.68	2.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				93		%
Indium	115-1				95		%
Indium	115-2				90		%
Iron	56-2	107179.20	99036.78	100601.35	102272.44	4.22	ppb
Iron	57-2	105706.81	97812.89	99411.51	100977.07	4.13	ppb
Lead	206-1	25.05	24.84	25.00	24.96	0.44	ppb
Lead	207-1	23.13	22.86	23.24	23.08	0.84	ppb
Lead	208-1	23.97	23.57	23.80	23.78	0.83	ppb
Lithium	6-1				95		%
Magnesium	24-2	104701.61	96482.24	98137.41	99773.76	4.36	ppb
Manganese	55-2	29.12	28.65	27.15	28.31	3.65	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:12:31	DataFile Name :	015ICSB_P7121217 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1455.28	1464.16	1479.74	1466.40	0.84	ppb
Molybdenum	95-1	1965.26	1965.65	1982.40	1971.10	0.50	ppb
Molybdenum	96-1	1900.96	1880.21	1902.23	1894.46	0.65	ppb
Molybdenum	97-1	1953.34	1959.17	1974.15	1962.22	0.55	ppb
Molybdenum	98-1	1977.35	1980.48	2002.23	1986.69	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.89	24.05	24.78	25.24	5.83	ppb
Phosphorus	31-2	105073.70	96201.69	98126.59	99800.66	4.68	ppb
Potassium	39-2	104251.26	96428.00	98041.23	99573.50	4.15	ppb
Rhodium	103-1				91		%
Rhodium	103-2				85		%
Scandium	45-1				96		%
Scandium	45-2				88		%
Selenium	77-2	34.59	14.52	19.63	22.91	45.53	ppb
Selenium	78-2	20.04	20.22	21.07	20.44	2.69	ppb
Selenium	82-1	20.13	20.18	18.99	19.77	3.40	ppb
Silicon	28-1	952.90	906.52	1014.75	958.06	5.67	ppb
Silver	109-1	18.64	18.31	18.79	18.58	1.33	ppb
Silver	107-1	18.65	18.55	18.69	18.63	0.38	ppb
Sodium	23-2	105400.26	97142.60	98676.23	100406.36	4.37	ppb
Strontium	86-1	97.85	96.34	98.79	97.66	1.26	ppb
Strontium	88-1	97.89	97.86	98.87	98.20	0.59	ppb
Sulfur	34-1	97472.84	98065.03	98596.32	98044.73	0.57	ppb
Terbium	159-1				98		%
Terbium	159-2				92		%
Thallium	203-1	19.82	20.10	20.09	20.00	0.79	ppb
Thallium	205-1	19.64	19.90	20.05	19.86	1.05	ppb
Tin	118-1	65.26	65.42	65.80	65.49	0.42	ppb
Titanium	47-1	2061.23	2064.75	2092.26	2072.75	0.82	ppb
Uranium	238-1	66.07	65.56	66.33	65.99	0.59	ppb
Vanadium	51-2	20.90	19.79	19.86	20.18	3.10	ppb
Yttrium	89-1				96		%
Yttrium	89-2				91		%
Zinc	66-2	33.15	32.13	31.31	32.19	2.85	ppb
Zirconium	90-1	67.63	67.48	68.57	67.90	0.87	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:12:31	DataFile Name :	015ICSB_P7121217 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	67.64	67.47	67.40	67.50	0.18	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCV033	Instrumnet Name :	P7
Client Sample ID :	CCV033	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:16:03	DataFile Name :	016CCV_P7121217 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50580.78	50815.72	49531.74	50309.41	1.36	ppb
Antimony	121-1	493.44	489.19	489.38	490.67	0.49	ppb
Arsenic	75-2	495.00	503.79	485.91	494.90	1.81	ppb
Barium	135-1	2541.42	2476.98	2488.19	2502.19	1.38	ppb
Barium	137-1	2548.19	2514.69	2527.70	2530.19	0.67	ppb
Beryllium	9-1	510.99	503.33	501.51	505.28	1.00	ppb
Bismuth	209-1				89		%
Bismuth	209-2				84		%
Boron	10-1	491.85	504.28	518.07	504.73	2.60	ppb
Boron	11-1	500.29	506.50	511.92	506.24	1.15	ppb
Cadmium	111-1	488.18	481.14	481.90	483.74	0.80	ppb
Cadmium	106-1	491.32	499.86	499.37	496.85	0.96	ppb
Cadmium	108-1	490.29	491.37	486.25	489.30	0.55	ppb
Calcium	43-1	250591.90	244189.13	246976.29	247252.44	1.30	ppb
Calcium	44-1	248393.57	242691.30	244736.70	245273.85	1.18	ppb
Chromium	52-2	520.19	516.58	507.97	514.91	1.22	ppb
Cobalt	59-2	498.62	499.04	490.78	496.15	0.94	ppb
Copper	63-2	978.19	979.71	966.26	974.72	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				93		%
Indium	115-1				92		%
Indium	115-2				88		%
Iron	56-2	125945.99	126375.29	123465.91	125262.40	1.25	ppb
Iron	57-2	124789.21	125409.12	122509.61	124235.98	1.23	ppb
Lead	206-1	520.76	507.72	507.64	512.04	1.48	ppb
Lead	207-1	521.12	507.29	510.57	512.99	1.41	ppb
Lead	208-1	520.23	508.18	510.99	513.13	1.23	ppb
Lithium	6-1				92		%
Magnesium	24-2	251330.69	253529.58	248262.78	251041.02	1.05	ppb
Manganese	55-2	1021.23	1017.78	997.22	1012.08	1.28	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCV033	Instrumnet Name :	P7
Client Sample ID :	CCV033	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:16:03	DataFile Name :	016CCV_P7121217 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2587.24	2514.43	2534.17	2545.28	1.48	ppb
Molybdenum	95-1	2567.24	2518.70	2527.06	2537.67	1.02	ppb
Molybdenum	96-1	2552.71	2513.59	2504.94	2523.74	1.01	ppb
Molybdenum	97-1	2543.86	2499.46	2502.93	2515.41	0.98	ppb
Molybdenum	98-1	2579.57	2505.35	2533.22	2539.38	1.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.36	498.63	489.43	495.14	1.01	ppb
Phosphorus	31-2	10361.37	10085.39	10090.94	10179.23	1.55	ppb
Potassium	39-2	127612.57	128423.71	125036.09	127024.12	1.39	ppb
Rhodium	103-1				88		%
Rhodium	103-2				85		%
Scandium	45-1				95		%
Scandium	45-2				90		%
Selenium	77-2	486.65	482.70	450.50	473.28	4.19	ppb
Selenium	78-2	485.92	488.29	458.14	477.45	3.51	ppb
Selenium	82-1	494.74	478.40	485.43	486.19	1.69	ppb
Silicon	28-1	1379.77	1183.55	1293.04	1285.45	7.65	ppb
Silver	109-1	488.32	481.08	482.56	483.99	0.79	ppb
Silver	107-1	488.90	479.74	480.44	483.03	1.06	ppb
Sodium	23-2	252297.15	254429.85	248964.14	251897.05	1.09	ppb
Strontium	86-1	526.80	513.18	515.23	518.40	1.42	ppb
Strontium	88-1	529.59	518.87	518.68	522.38	1.20	ppb
Sulfur	34-1	10849.72	10183.90	10746.77	10593.46	3.38	ppb
Terbium	159-1				97		%
Terbium	159-2				92		%
Thallium	203-1	515.28	505.60	507.68	509.52	1.00	ppb
Thallium	205-1	525.54	516.05	512.85	518.15	1.27	ppb
Tin	118-1	501.77	496.13	495.00	497.63	0.73	ppb
Titanium	47-1	2531.61	2490.86	2512.84	2511.77	0.81	ppb
Uranium	238-1	528.40	520.37	515.93	521.57	1.21	ppb
Vanadium	51-2	514.31	516.31	504.01	511.54	1.29	ppb
Yttrium	89-1				95		%
Yttrium	89-2				92		%
Zinc	66-2	975.05	972.76	952.79	966.87	1.27	ppb
Zirconium	90-1	516.23	506.62	508.97	510.61	0.98	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCV033	Instrumnet Name :	P7
Client Sample ID :	CCV033	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:16:03	DataFile Name :	016CCV_P7121217 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	512.20	502.18	503.13	505.84	1.09	ppb

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : CCB033 Instrumnet Name : P7
 Client Sample ID : CCB033 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 14:20:53 DataFile Name : 017CCBE_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.55	3.77	3.00	3.77	20.49	ppb
Antimony	121-1	0.78	0.72	0.80	0.77	5.65	ppb
Arsenic	75-2	0.04	0.07	0.06	0.06	31.67	ppb
Barium	135-1	0.22	0.18	0.29	0.23	25.44	ppb
Barium	137-1	0.27	0.23	0.30	0.27	12.10	ppb
Beryllium	9-1	0.63	0.57	0.54	0.58	7.79	ppb
Bismuth	209-1				98		%
Bismuth	209-2				92		%
Boron	10-1	8.89	8.77	8.48	8.71	2.38	ppb
Boron	11-1	9.16	8.03	8.48	8.56	6.63	ppb
Cadmium	111-1	0.02	-0.01	-0.02	0.00		ppb
Cadmium	106-1	0.02	-0.55	-0.85	-0.46		ppb
Cadmium	108-1	-0.04	-0.16	0.03	-0.06		ppb
Calcium	43-1	2.69	6.61	10.01	6.44	56.89	ppb
Calcium	44-1	127.14	101.20	132.98	120.44	14.04	ppb
Chromium	52-2	0.02	0.07	0.04	0.04	54.93	ppb
Cobalt	59-2	0.06	0.05	0.05	0.05	7.59	ppb
Copper	63-2	0.19	0.18	0.17	0.18	6.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				93		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	24.87	22.46	21.91	23.08	6.81	ppb
Iron	57-2	23.68	20.69	17.72	20.69	14.40	ppb
Lead	206-1	0.16	0.17	0.13	0.15	13.02	ppb
Lead	207-1	0.15	0.13	0.14	0.14	4.50	ppb
Lead	208-1	0.16	0.16	0.14	0.15	9.28	ppb
Lithium	6-1				96		%
Magnesium	24-2	-28.83	-33.66	-33.66	-32.05		ppb
Manganese	55-2	0.25	0.21	0.16	0.20	20.42	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCB033	Instrumnet Name :	P7
Client Sample ID :	CCB033	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:20:53	DataFile Name :	017CCBE_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.65	0.53	0.62	0.60	10.12	ppb
Molybdenum	95-1	0.75	0.77	0.72	0.75	3.50	ppb
Molybdenum	96-1	0.64	0.61	0.66	0.64	3.66	ppb
Molybdenum	97-1	0.68	0.62	0.67	0.66	4.48	ppb
Molybdenum	98-1	0.76	0.66	0.69	0.70	6.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.30	-0.14	-0.16		ppb
Phosphorus	31-2	15.94	-4.28	43.90	18.52	130.62	ppb
Potassium	39-2	64.74	60.32	36.29	53.78	28.47	ppb
Rhodium	103-1				97		%
Rhodium	103-2				92		%
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	2.22	-0.26	0.82	0.93	134.20	ppb
Selenium	82-1	0.67	-0.39	0.09	0.13	421.02	ppb
Silicon	28-1	1154.27	880.63	1069.45	1034.78	13.54	ppb
Silver	109-1	0.03	0.03	0.03	0.03	4.61	ppb
Silver	107-1	0.03	0.03	0.06	0.04	43.78	ppb
Sodium	23-2	88.83	76.74	74.76	80.11	9.51	ppb
Strontium	86-1	-0.03	0.00	-0.01	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	439.20	ppb
Sulfur	34-1	554.95	-46.73	392.31	300.18	103.69	ppb
Terbium	159-1				98		%
Terbium	159-2				93		%
Thallium	203-1	0.09	0.14	0.10	0.11	20.81	ppb
Thallium	205-1	0.10	0.09	0.10	0.10	8.75	ppb
Tin	118-1	0.21	0.17	0.26	0.21	20.38	ppb
Titanium	47-1	0.06	0.02	0.13	0.07	79.80	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	8.56	ppb
Vanadium	51-2	0.03	0.01	0.03	0.02	62.64	ppb
Yttrium	89-1				97		%
Yttrium	89-2				93		%
Zinc	66-2	0.22	0.09	0.32	0.21	57.12	ppb
Zirconium	90-1	0.05	0.05	0.04	0.05	9.14	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCB033	Instrumnet Name :	P7
Client Sample ID :	CCB033	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:20:53	DataFile Name :	017CCBE_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.09	0.08	0.07	26.83	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:24:25	DataFile Name :	018SMPL_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.90	19.31	18.86	19.02	1.32	ppb
Antimony	121-1	2.09	2.25	2.16	2.17	3.81	ppb
Arsenic	75-2	1.12	0.86	0.97	0.98	13.66	ppb
Barium	135-1	9.93	9.55	9.93	9.80	2.22	ppb
Barium	137-1	9.51	9.41	9.64	9.52	1.19	ppb
Beryllium	9-1	1.22	1.32	1.33	1.29	4.60	ppb
Bismuth	209-1				95		%
Bismuth	209-2				92		%
Boron	10-1	25.32	28.00	27.66	27.00	5.40	ppb
Boron	11-1	27.20	27.52	27.29	27.34	0.61	ppb
Cadmium	111-1	0.90	1.05	0.80	0.92	13.63	ppb
Cadmium	106-1	-0.43	3.44	0.19	1.07	195.18	ppb
Cadmium	108-1	0.53	0.65	0.91	0.69	27.84	ppb
Calcium	43-1	440.09	432.58	467.03	446.57	4.06	ppb
Calcium	44-1	604.78	585.03	601.84	597.22	1.78	ppb
Chromium	52-2	2.04	2.11	2.03	2.06	2.30	ppb
Cobalt	59-2	0.93	1.02	0.92	0.96	5.82	ppb
Copper	63-2	1.98	1.93	2.27	2.06	8.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				92		%
Indium	115-1				95		%
Indium	115-2				92		%
Iron	56-2	61.17	61.69	63.89	62.25	2.32	ppb
Iron	57-2	61.13	60.02	64.51	61.89	3.78	ppb
Lead	206-1	1.02	1.01	1.08	1.04	3.57	ppb
Lead	207-1	1.05	1.04	0.99	1.03	3.29	ppb
Lead	208-1	1.03	1.01	1.03	1.02	1.17	ppb
Lithium	6-1				94		%
Magnesium	24-2	415.75	444.77	433.58	431.37	3.39	ppb
Manganese	55-2	1.07	0.97	1.08	1.04	6.21	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:24:25	DataFile Name :	018SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.02	5.07	5.03	5.04	0.51	ppb
Molybdenum	95-1	4.84	4.58	4.87	4.76	3.34	ppb
Molybdenum	96-1	4.89	4.72	4.94	4.85	2.43	ppb
Molybdenum	97-1	4.80	4.80	4.79	4.80	0.11	ppb
Molybdenum	98-1	5.04	5.00	4.83	4.96	2.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.72	0.72	1.05	0.83	22.69	ppb
Phosphorus	31-2	9.55	34.11	18.39	20.69	60.15	ppb
Potassium	39-2	495.15	493.10	507.73	498.66	1.59	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				95		%
Scandium	45-2				91		%
Selenium	77-2	3.26	8.23	3.30	4.93	58.00	ppb
Selenium	78-2	4.11	3.89	6.92	4.97	34.02	ppb
Selenium	82-1	5.72	5.25	5.06	5.35	6.32	ppb
Silicon	28-1	1263.97	1202.94	1241.59	1236.17	2.50	ppb
Silver	109-1	1.02	0.86	1.01	0.96	9.19	ppb
Silver	107-1	0.94	1.03	0.93	0.97	5.77	ppb
Sodium	23-2	522.31	535.85	530.02	529.39	1.28	ppb
Strontium	86-1	0.86	0.89	1.03	0.93	9.75	ppb
Strontium	88-1	1.00	0.93	0.97	0.97	3.60	ppb
Sulfur	34-1	1051.76	826.45	865.45	914.55	13.17	ppb
Terbium	159-1				95		%
Terbium	159-2				92		%
Thallium	203-1	1.02	1.08	0.93	1.01	7.19	ppb
Thallium	205-1	0.99	0.97	0.99	0.98	1.37	ppb
Tin	118-1	4.81	4.80	4.75	4.79	0.65	ppb
Titanium	47-1	4.86	4.66	4.30	4.61	6.06	ppb
Uranium	238-1	0.86	0.86	0.88	0.87	0.85	ppb
Vanadium	51-2	4.65	4.91	4.53	4.70	4.10	ppb
Yttrium	89-1				94		%
Yttrium	89-2				92		%
Zinc	66-2	2.12	2.38	2.31	2.27	5.79	ppb
Zirconium	90-1	1.03	1.00	0.94	0.99	4.99	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:24:25	DataFile Name :	018SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.98	0.95	1.01	0.98	2.89	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	PB104952BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:34:35	DataFile Name :	019CCBE_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.11	-0.10	0.29	0.02	935.19	ppb
Antimony	121-1	0.10	0.13	0.15	0.13	22.53	ppb
Arsenic	75-2	0.02	0.02	0.00	0.01	79.55	ppb
Barium	135-1	0.09	0.14	0.09	0.11	24.07	ppb
Barium	137-1	0.07	0.05	0.11	0.08	38.04	ppb
Beryllium	9-1	0.11	0.14	0.08	0.11	25.05	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Boron	10-1	2.60	2.16	2.45	2.41	9.32	ppb
Boron	11-1	2.48	2.50	2.02	2.33	11.70	ppb
Cadmium	111-1	-0.12	-0.10	-0.11	-0.11		ppb
Cadmium	106-1	-1.52	-1.34	-1.70	-1.52		ppb
Cadmium	108-1	0.03	0.03	-0.16	-0.04		ppb
Calcium	43-1	15.91	7.01	11.06	11.33	39.32	ppb
Calcium	44-1	140.16	136.32	142.17	139.55	2.13	ppb
Chromium	52-2	0.00	0.02	0.01	0.01	60.12	ppb
Cobalt	59-2	0.02	0.01	0.04	0.02	74.14	ppb
Copper	63-2	0.03	0.01	0.01	0.02	71.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				94		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	7.35	8.27	8.23	7.95	6.54	ppb
Iron	57-2	7.43	9.25	9.93	8.87	14.54	ppb
Lead	206-1	0.02	0.05	0.04	0.04	42.23	ppb
Lead	207-1	0.01	0.03	0.05	0.03	62.17	ppb
Lead	208-1	0.04	0.05	0.04	0.04	11.65	ppb
Lithium	6-1				96		%
Magnesium	24-2	-33.98	-32.52	-34.29	-33.60		ppb
Manganese	55-2	0.04	0.04	0.03	0.04	17.85	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	PB104952BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:34:35	DataFile Name :	019CCBE_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.15	0.12	0.10	0.12	19.07	ppb
Molybdenum	95-1	0.09	0.12	0.15	0.12	23.57	ppb
Molybdenum	96-1	0.10	0.13	0.14	0.12	15.91	ppb
Molybdenum	97-1	0.09	0.16	0.16	0.14	27.82	ppb
Molybdenum	98-1	0.11	0.13	0.09	0.11	20.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.45	-0.21	-0.26	-0.31		ppb
Phosphorus	31-2	24.37	-21.46	32.58	11.83	246.11	ppb
Potassium	39-2	16.32	27.82	17.03	20.39	31.61	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.04	0.30	1.33	0.89	59.95	ppb
Selenium	82-1	-0.33	0.48	-0.12	0.01	4309.32	ppb
Silicon	28-1	1054.50	1151.04	1330.47	1178.67	11.88	ppb
Silver	109-1	0.02	0.01	0.00	0.01	104.74	ppb
Silver	107-1	0.01	-0.01	0.00	0.00	504.52	ppb
Sodium	23-2	30.03	35.13	29.29	31.49	10.09	ppb
Strontium	86-1	-0.04	-0.01	0.00	-0.02		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	387.86	ppb
Sulfur	34-1	805.64	880.49	1148.22	944.79	19.06	ppb
Terbium	159-1				96		%
Terbium	159-2				93		%
Thallium	203-1	0.02	0.02	0.02	0.02	9.18	ppb
Thallium	205-1	0.02	0.03	0.03	0.03	19.04	ppb
Tin	118-1	0.08	0.12	0.10	0.10	17.74	ppb
Titanium	47-1	-0.22	-0.14	-0.15	-0.17		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	74.82	ppb
Vanadium	51-2	0.00	0.02	0.01	0.01	146.00	ppb
Yttrium	89-1				95		%
Yttrium	89-2				94		%
Zinc	66-2	0.62	0.77	0.69	0.69	10.23	ppb
Zirconium	90-1	0.02	0.01	0.00	0.01	56.68	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	PB104952BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:34:35	DataFile Name :	019CCBE_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.02	0.03	0.02	64.20	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	PB104952BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:38:07	DataFile Name :	020LCSE_P7121217 M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.33	41.22	37.16	38.90	5.37	ppb
Antimony	121-1	3.85	3.68	3.92	3.82	3.22	ppb
Arsenic	75-2	2.22	1.69	1.82	1.91	14.58	ppb
Barium	135-1	19.23	17.99	19.15	18.79	3.68	ppb
Barium	137-1	18.35	18.56	18.68	18.53	0.90	ppb
Beryllium	9-1	1.96	2.03	2.06	2.02	2.36	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Boron	10-1	45.11	45.58	47.45	46.05	2.69	ppb
Boron	11-1	43.35	46.22	48.58	46.05	5.69	ppb
Cadmium	111-1	1.81	1.89	1.85	1.85	2.29	ppb
Cadmium	106-1	3.41	2.17	0.93	2.17	57.09	ppb
Cadmium	108-1	1.92	1.92	1.28	1.70	21.76	ppb
Calcium	43-1	859.09	901.36	928.28	896.24	3.89	ppb
Calcium	44-1	1050.98	1043.88	1097.14	1064.00	2.72	ppb
Chromium	52-2	4.40	4.31	4.21	4.30	2.13	ppb
Cobalt	59-2	1.88	2.06	2.00	1.98	4.65	ppb
Copper	63-2	3.97	3.97	3.86	3.93	1.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				93		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	456.20	459.55	445.88	453.88	1.57	ppb
Iron	57-2	455.67	434.57	460.07	450.10	3.03	ppb
Lead	206-1	1.86	1.93	2.00	1.93	3.58	ppb
Lead	207-1	1.91	2.02	2.06	2.00	3.91	ppb
Lead	208-1	1.91	1.93	1.97	1.94	1.64	ppb
Lithium	6-1				96		%
Magnesium	24-2	923.99	927.05	912.46	921.17	0.84	ppb
Manganese	55-2	2.22	1.94	2.11	2.09	6.85	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	PB104952BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:38:07	DataFile Name :	020LCSE_P7121217 M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.57	9.30	9.89	9.59	3.06	ppb
Molybdenum	95-1	9.21	8.82	9.54	9.19	3.89	ppb
Molybdenum	96-1	9.29	9.26	9.52	9.36	1.50	ppb
Molybdenum	97-1	9.16	9.32	9.43	9.30	1.50	ppb
Molybdenum	98-1	9.06	9.36	9.48	9.30	2.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.59	1.73	1.53	1.62	6.14	ppb
Phosphorus	31-2	0.06	29.10	32.81	20.66	86.82	ppb
Potassium	39-2	963.13	992.99	941.97	966.03	2.65	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	77-2	11.29	12.99	20.79	15.02	33.71	ppb
Selenium	78-2	10.52	11.41	14.69	12.21	18.00	ppb
Selenium	82-1	10.01	10.19	9.40	9.86	4.19	ppb
Silicon	28-1	1073.08	997.45	1368.17	1146.23	17.09	ppb
Silver	109-1	2.02	1.88	2.03	1.98	4.33	ppb
Silver	107-1	1.92	1.96	2.05	1.97	3.36	ppb
Sodium	23-2	995.92	1005.16	970.22	990.43	1.83	ppb
Strontium	86-1	2.05	1.82	2.31	2.06	11.87	ppb
Strontium	88-1	1.81	1.83	1.92	1.85	2.92	ppb
Sulfur	34-1	544.35	487.00	1503.59	844.98	67.59	ppb
Terbium	159-1				97		%
Terbium	159-2				93		%
Thallium	203-1	1.82	1.90	1.91	1.88	2.65	ppb
Thallium	205-1	1.88	1.81	1.88	1.86	2.19	ppb
Tin	118-1	9.61	9.63	9.74	9.66	0.71	ppb
Titanium	47-1	9.57	9.47	9.81	9.61	1.81	ppb
Uranium	238-1	1.80	1.79	1.83	1.81	1.13	ppb
Vanadium	51-2	9.36	9.49	9.58	9.48	1.16	ppb
Yttrium	89-1				96		%
Yttrium	89-2				93		%
Zinc	66-2	5.44	5.55	5.03	5.34	5.12	ppb
Zirconium	90-1	2.05	1.93	2.02	2.00	3.36	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	PB104952BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:38:07	DataFile Name :	020LCSE_P7121217 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.85	1.83	1.96	1.88	3.57	ppb

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : PB104815BL Instrumnet Name : P7
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 14:41:39 DataFile Name : 021CCBE_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.02	-0.10	-0.11	-0.06		ppb
Antimony	121-1	0.08	0.07	0.07	0.07	8.59	ppb
Arsenic	75-2	0.06	-0.02	0.04	0.02	149.84	ppb
Barium	135-1	0.06	0.04	0.05	0.05	20.42	ppb
Barium	137-1	0.06	0.06	0.07	0.07	8.85	ppb
Beryllium	9-1	0.10	0.10	0.05	0.09	32.07	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Boron	10-1	3.61	2.52	3.46	3.20	18.51	ppb
Boron	11-1	3.35	2.98	3.14	3.16	6.00	ppb
Cadmium	111-1	0.02	0.12	-0.11	0.01	1078.22	ppb
Cadmium	106-1	0.16	1.31	-1.38	0.03	4277.13	ppb
Cadmium	108-1	-0.10	-0.04	-0.04	-0.06		ppb
Calcium	43-1	11.84	14.54	6.82	11.07	35.43	ppb
Calcium	44-1	128.60	122.22	112.37	121.06	6.76	ppb
Chromium	52-2	0.02	0.00	0.02	0.01	101.50	ppb
Cobalt	59-2	0.01	0.02	0.04	0.02	62.91	ppb
Copper	63-2	-0.02	-0.09	0.01	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				94		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	6.10	7.03	6.23	6.46	7.80	ppb
Iron	57-2	3.29	8.10	8.64	6.68	44.12	ppb
Lead	206-1	0.04	0.02	0.07	0.04	57.28	ppb
Lead	207-1	0.03	0.02	0.01	0.02	55.08	ppb
Lead	208-1	0.03	0.03	0.04	0.04	10.88	ppb
Lithium	6-1				96		%
Magnesium	24-2	-31.40	-28.38	-30.06	-29.95		ppb
Manganese	55-2	0.03	0.07	0.10	0.07	53.47	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	PB104815BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:41:39	DataFile Name :	021CCBE_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.12	0.11	0.06	0.10	30.68	ppb
Molybdenum	95-1	0.08	0.07	0.06	0.07	17.53	ppb
Molybdenum	96-1	0.13	0.07	0.07	0.09	33.45	ppb
Molybdenum	97-1	0.04	0.11	0.09	0.08	48.10	ppb
Molybdenum	98-1	0.08	0.09	0.08	0.08	7.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.44	-0.18	-0.35	-0.32		ppb
Phosphorus	31-2	35.83	-1.47	4.31	12.89	155.76	ppb
Potassium	39-2	28.87	34.04	23.71	28.87	17.90	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.86	0.57	0.78	1.07	64.53	ppb
Selenium	82-1	0.54	0.70	-0.39	0.29	205.92	ppb
Silicon	28-1	1094.39	949.53	988.95	1010.96	7.41	ppb
Silver	109-1	0.01	0.01	0.01	0.01	19.59	ppb
Silver	107-1	0.01	0.00	0.00	0.00	428.50	ppb
Sodium	23-2	21.85	31.10	22.09	25.02	21.07	ppb
Strontium	86-1	0.05	0.02	-0.01	0.02	172.43	ppb
Strontium	88-1	0.00	-0.01	0.00	0.00		ppb
Sulfur	34-1	800.04	904.58	992.91	899.18	10.74	ppb
Terbium	159-1				97		%
Terbium	159-2				93		%
Thallium	203-1	0.01	0.02	0.03	0.02	41.33	ppb
Thallium	205-1	0.00	0.02	0.02	0.01	78.22	ppb
Tin	118-1	0.13	0.08	0.08	0.10	27.96	ppb
Titanium	47-1	-0.17	-0.19	-0.15	-0.17		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	444.54	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	3.87	ppb
Yttrium	89-1				96		%
Yttrium	89-2				94		%
Zinc	66-2	0.96	0.50	0.65	0.70	33.28	ppb
Zirconium	90-1	0.03	0.00	-0.01	0.01	189.39	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	PB104815BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:41:39	DataFile Name :	021CCBE_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.00	0.02	0.01	90.73	ppb

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : PB104815BS Instrumnet Name : P7
 Client Sample ID : LCS007 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 14:45:11 DataFile Name : 022LCSE_P7121217 M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.00	40.02	40.39	38.47	7.82	ppb
Antimony	121-1	3.73	3.87	3.89	3.83	2.27	ppb
Arsenic	75-2	1.89	1.98	2.02	1.96	3.48	ppb
Barium	135-1	18.47	17.96	18.45	18.29	1.58	ppb
Barium	137-1	18.97	18.79	19.22	18.99	1.15	ppb
Beryllium	9-1	2.07	1.98	1.81	1.95	6.55	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	10-1	47.23	47.59	47.85	47.55	0.66	ppb
Boron	11-1	46.21	46.00	47.83	46.68	2.14	ppb
Cadmium	111-1	1.95	2.32	2.10	2.12	8.81	ppb
Cadmium	106-1	2.66	5.02	1.99	3.22	49.26	ppb
Cadmium	108-1	2.38	2.30	1.56	2.08	21.59	ppb
Calcium	43-1	981.33	913.64	888.92	927.96	5.16	ppb
Calcium	44-1	1073.33	1067.17	1036.52	1059.00	1.86	ppb
Chromium	52-2	4.15	4.28	4.00	4.14	3.39	ppb
Cobalt	59-2	1.96	1.94	2.07	1.99	3.34	ppb
Copper	63-2	3.91	4.06	3.99	3.99	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				97		%
Holmium	165-2				94		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	444.25	456.19	447.78	449.41	1.36	ppb
Iron	57-2	441.72	445.79	432.62	440.04	1.53	ppb
Lead	206-1	2.04	1.93	1.96	1.98	2.82	ppb
Lead	207-1	1.88	1.86	1.92	1.89	1.87	ppb
Lead	208-1	1.93	1.92	1.92	1.92	0.32	ppb
Lithium	6-1				96		%
Magnesium	24-2	905.91	924.22	899.00	909.71	1.43	ppb
Manganese	55-2	2.19	1.98	2.03	2.07	5.10	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	PB104815BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:45:11	DataFile Name :	022LCSE_P7121217 M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.67	9.80	9.63	9.70	0.92	ppb
Molybdenum	95-1	9.39	9.67	9.05	9.37	3.33	ppb
Molybdenum	96-1	9.22	9.22	9.20	9.21	0.14	ppb
Molybdenum	97-1	9.63	9.42	8.91	9.32	3.98	ppb
Molybdenum	98-1	9.39	9.71	9.24	9.44	2.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.73	1.88	1.97	1.86	6.48	ppb
Phosphorus	31-2	-2.97	10.89	29.10	12.34	130.32	ppb
Potassium	39-2	956.35	984.49	948.25	963.03	1.98	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				92		%
Selenium	77-2	11.46	9.74	4.71	8.64	40.63	ppb
Selenium	78-2	13.71	10.05	8.63	10.80	24.30	ppb
Selenium	82-1	9.70	10.19	10.40	10.10	3.52	ppb
Silicon	28-1	1100.65	927.34	850.56	959.52	13.35	ppb
Silver	109-1	1.96	2.01	1.95	1.97	1.65	ppb
Silver	107-1	2.00	1.95	1.96	1.97	1.35	ppb
Sodium	23-2	969.64	978.47	964.29	970.80	0.74	ppb
Strontium	86-1	1.87	1.80	1.77	1.81	2.81	ppb
Strontium	88-1	1.91	1.92	1.87	1.90	1.55	ppb
Sulfur	34-1	1605.67	1098.32	857.32	1187.10	32.18	ppb
Terbium	159-1				96		%
Terbium	159-2				93		%
Thallium	203-1	2.03	1.93	1.81	1.92	5.64	ppb
Thallium	205-1	1.92	1.90	1.93	1.91	0.76	ppb
Tin	118-1	9.75	9.65	9.66	9.68	0.57	ppb
Titanium	47-1	9.11	8.74	9.46	9.10	3.97	ppb
Uranium	238-1	1.86	1.83	1.76	1.82	2.68	ppb
Vanadium	51-2	9.38	9.38	9.50	9.42	0.74	ppb
Yttrium	89-1				96		%
Yttrium	89-2				93		%
Zinc	66-2	4.85	4.97	4.74	4.85	2.36	ppb
Zirconium	90-1	1.99	2.10	1.88	1.99	5.66	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	PB104815BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:45:11	DataFile Name :	022LCSE_P7121217 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.85	1.86	1.91	1.87	1.56	ppb

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : PB104813BL Instrumnet Name : P7
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 14:48:43 DataFile Name : 023CCBE_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.38	0.03	0.03	-0.11		ppb
Antimony	121-1	0.05	0.04	0.06	0.05	21.40	ppb
Arsenic	75-2	0.02	0.02	0.04	0.02	41.96	ppb
Barium	135-1	0.02	0.09	0.03	0.05	89.01	ppb
Barium	137-1	0.08	0.05	0.02	0.05	56.58	ppb
Beryllium	9-1	0.09	0.09	0.06	0.08	21.07	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	3.57	3.76	2.90	3.41	13.22	ppb
Boron	11-1	3.16	3.00	3.14	3.10	2.75	ppb
Cadmium	111-1	-0.07	0.16	0.17	0.08	156.41	ppb
Cadmium	106-1	-0.94	1.77	2.10	0.98	170.27	ppb
Cadmium	108-1	-0.10	-0.03	0.08	-0.02		ppb
Calcium	43-1	12.01	13.27	13.79	13.02	7.01	ppb
Calcium	44-1	80.81	92.44	59.20	77.48	21.77	ppb
Chromium	52-2	0.01	0.02	-0.01	0.00	414.27	ppb
Cobalt	59-2	0.02	0.02	0.03	0.02	29.46	ppb
Copper	63-2	-0.11	0.11	-0.05	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				95		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	5.77	5.73	5.45	5.65	3.07	ppb
Iron	57-2	2.99	3.90	5.14	4.01	27.02	ppb
Lead	206-1	0.06	0.04	0.04	0.05	31.69	ppb
Lead	207-1	0.00	0.05	0.02	0.02	112.61	ppb
Lead	208-1	0.02	0.04	0.03	0.03	31.86	ppb
Lithium	6-1				96		%
Magnesium	24-2	-31.30	-29.44	-25.87	-28.87		ppb
Manganese	55-2	0.02	0.02	0.03	0.03	20.76	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	PB104813BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:48:43	DataFile Name :	023CCBE_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.09	0.02	0.06	58.88	ppb
Molybdenum	95-1	0.06	0.06	0.09	0.07	27.74	ppb
Molybdenum	96-1	0.05	0.07	0.02	0.05	47.28	ppb
Molybdenum	97-1	0.05	0.03	0.08	0.05	48.95	ppb
Molybdenum	98-1	0.04	0.07	0.03	0.04	47.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.31	-0.42	-0.36	-0.37		ppb
Phosphorus	31-2	-11.25	8.75	5.60	1.03	1042.43	ppb
Potassium	39-2	10.30	31.36	20.08	20.58	51.22	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.28	-0.54	0.52	-0.10		ppb
Selenium	82-1	-0.22	0.26	0.60	0.21	194.85	ppb
Silicon	28-1	703.94	1040.11	465.85	736.63	39.17	ppb
Silver	109-1	0.01	0.00	0.00	0.00	82.72	ppb
Silver	107-1	0.01	-0.01	0.00	0.00		ppb
Sodium	23-2	24.06	22.60	24.58	23.75	4.32	ppb
Strontium	86-1	0.00	0.04	-0.06	-0.01		ppb
Strontium	88-1	0.00	-0.01	0.00	0.00		ppb
Sulfur	34-1	876.16	1350.83	116.63	781.21	79.69	ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	0.01	0.02	0.02	0.02	38.36	ppb
Thallium	205-1	0.03	0.01	0.01	0.02	56.09	ppb
Tin	118-1	0.06	0.11	0.11	0.09	32.41	ppb
Titanium	47-1	0.01	0.04	-0.17	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	57.37	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	0.75	0.83	0.90	0.83	9.11	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	63.39	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	PB104813BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:48:43	DataFile Name :	023CCBE_P7121217 M

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

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : PB104813BS Instrumnet Name : P7
 Client Sample ID : LCS007 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 14:52:16 DataFile Name : 024LCSE_P7121217 M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.34	40.14	39.38	39.29	2.30	ppb
Antimony	121-1	3.71	3.81	3.89	3.80	2.34	ppb
Arsenic	75-2	1.81	1.89	1.94	1.88	3.57	ppb
Barium	135-1	19.08	19.20	19.33	19.20	0.64	ppb
Barium	137-1	18.77	19.56	18.93	19.09	2.17	ppb
Beryllium	9-1	1.98	2.07	1.96	2.01	2.86	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Boron	10-1	45.09	47.16	46.69	46.31	2.35	ppb
Boron	11-1	44.65	47.40	46.60	46.21	3.07	ppb
Cadmium	111-1	2.00	2.25	1.73	1.99	13.06	ppb
Cadmium	106-1	2.64	4.58	-0.29	2.31	106.18	ppb
Cadmium	108-1	2.34	1.93	2.21	2.16	9.65	ppb
Calcium	43-1	997.39	914.31	905.87	939.19	5.39	ppb
Calcium	44-1	1015.36	1047.63	1016.32	1026.44	1.79	ppb
Chromium	52-2	4.10	4.18	4.33	4.20	2.69	ppb
Cobalt	59-2	2.06	2.07	2.06	2.07	0.05	ppb
Copper	63-2	4.15	4.11	4.12	4.13	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				94		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	466.34	459.01	465.28	463.54	0.85	ppb
Iron	57-2	451.58	443.84	454.34	449.92	1.21	ppb
Lead	206-1	1.94	1.91	1.92	1.92	0.80	ppb
Lead	207-1	1.89	2.04	1.90	1.94	4.26	ppb
Lead	208-1	1.93	1.95	1.91	1.93	0.92	ppb
Lithium	6-1				96		%
Magnesium	24-2	955.93	935.99	952.96	948.29	1.13	ppb
Manganese	55-2	1.94	2.08	2.06	2.02	3.64	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	PB104813BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:52:16	DataFile Name :	024LCSE_P7121217 M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.29	9.85	9.51	9.55	2.95	ppb
Molybdenum	95-1	9.71	9.81	9.09	9.54	4.09	ppb
Molybdenum	96-1	9.16	8.98	9.56	9.23	3.22	ppb
Molybdenum	97-1	9.64	9.56	9.23	9.48	2.29	ppb
Molybdenum	98-1	9.30	9.61	9.44	9.45	1.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.07	1.66	1.75	1.82	11.75	ppb
Phosphorus	31-2	29.06	5.14	28.94	21.05	65.44	ppb
Potassium	39-2	998.31	946.62	1008.07	984.33	3.35	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				92		%
Selenium	77-2	6.33	9.48	9.62	8.48	21.94	ppb
Selenium	78-2	11.09	12.38	8.04	10.50	21.23	ppb
Selenium	82-1	10.86	9.76	11.15	10.59	6.90	ppb
Silicon	28-1	733.86	996.29	827.63	852.59	15.60	ppb
Silver	109-1	1.97	2.16	2.02	2.05	4.96	ppb
Silver	107-1	2.00	2.13	1.87	2.00	6.62	ppb
Sodium	23-2	995.72	979.99	1003.71	993.14	1.22	ppb
Strontium	86-1	1.87	1.89	1.90	1.88	0.79	ppb
Strontium	88-1	1.94	1.95	1.96	1.95	0.36	ppb
Sulfur	34-1	449.17	1129.54	586.41	721.71	49.85	ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	1.91	1.98	1.84	1.91	3.62	ppb
Thallium	205-1	1.81	1.86	1.85	1.84	1.43	ppb
Tin	118-1	9.39	9.76	9.83	9.66	2.45	ppb
Titanium	47-1	9.00	9.27	9.83	9.37	4.51	ppb
Uranium	238-1	1.81	1.82	1.79	1.81	0.78	ppb
Vanadium	51-2	9.54	9.94	9.75	9.74	2.02	ppb
Yttrium	89-1				97		%
Yttrium	89-2				95		%
Zinc	66-2	5.74	5.29	5.77	5.60	4.85	ppb
Zirconium	90-1	2.02	1.95	1.97	1.98	1.99	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	PB104813BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:52:16	DataFile Name :	024LCSE_P7121217 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.93	2.22	2.16	2.10	7.31	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCV034	Instrumnet Name :	P7
Client Sample ID :	CCV034	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:57:36	DataFile Name :	025CCV_P7121217 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49762.85	50181.47	50361.46	50101.93	0.61	ppb
Antimony	121-1	493.61	492.50	496.36	494.16	0.40	ppb
Arsenic	75-2	497.12	503.32	508.77	503.07	1.16	ppb
Barium	135-1	2537.91	2490.94	2509.92	2512.92	0.94	ppb
Barium	137-1	2557.34	2522.19	2548.71	2542.74	0.72	ppb
Beryllium	9-1	509.61	506.31	508.13	508.02	0.33	ppb
Bismuth	209-1				86		%
Bismuth	209-2				84		%
Boron	10-1	502.81	504.08	516.25	507.71	1.46	ppb
Boron	11-1	496.13	502.35	508.64	502.38	1.24	ppb
Cadmium	111-1	490.07	485.85	492.36	489.42	0.67	ppb
Cadmium	106-1	496.89	496.02	499.38	497.43	0.35	ppb
Cadmium	108-1	497.86	492.28	493.38	494.50	0.60	ppb
Calcium	43-1	248214.05	245168.61	248377.74	247253.46	0.73	ppb
Calcium	44-1	246530.63	244458.86	247549.55	246179.68	0.64	ppb
Chromium	52-2	506.74	506.07	512.38	508.39	0.68	ppb
Cobalt	59-2	494.28	490.26	499.59	494.71	0.95	ppb
Copper	63-2	965.48	966.81	976.77	969.69	0.64	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				94		%
Holmium	165-2				92		%
Indium	115-1				90		%
Indium	115-2				88		%
Iron	56-2	124500.11	124145.52	125614.54	124753.39	0.61	ppb
Iron	57-2	123052.49	123000.29	124516.82	123523.20	0.70	ppb
Lead	206-1	514.24	508.58	511.66	511.49	0.55	ppb
Lead	207-1	512.69	510.35	512.30	511.78	0.25	ppb
Lead	208-1	515.47	510.74	512.69	512.97	0.46	ppb
Lithium	6-1				91		%
Magnesium	24-2	248176.78	248878.34	251919.73	249658.28	0.80	ppb
Manganese	55-2	997.32	996.94	1013.40	1002.55	0.94	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCV034	Instrumnet Name :	P7
Client Sample ID :	CCV034	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:57:36	DataFile Name :	025CCV_P7121217 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2557.37	2548.91	2556.45	2554.25	0.18	ppb
Molybdenum	95-1	2542.19	2545.07	2555.47	2547.58	0.27	ppb
Molybdenum	96-1	2544.22	2522.50	2533.96	2533.56	0.43	ppb
Molybdenum	97-1	2531.77	2521.69	2538.64	2530.70	0.34	ppb
Molybdenum	98-1	2568.04	2540.92	2565.71	2558.22	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	489.87	491.57	497.67	493.04	0.83	ppb
Phosphorus	31-2	10165.53	9927.38	10378.20	10157.04	2.22	ppb
Potassium	39-2	125894.05	125916.16	127102.51	126304.24	0.55	ppb
Rhodium	103-1				86		%
Rhodium	103-2				84		%
Scandium	45-1				94		%
Scandium	45-2				91		%
Selenium	77-2	497.71	461.81	468.76	476.09	4.00	ppb
Selenium	78-2	495.34	503.16	486.25	494.92	1.71	ppb
Selenium	82-1	489.78	484.24	483.39	485.80	0.71	ppb
Silicon	28-1	1315.21	1152.53	1488.89	1318.88	12.75	ppb
Silver	109-1	489.19	483.95	487.59	486.91	0.55	ppb
Silver	107-1	489.22	481.24	489.29	486.58	0.95	ppb
Sodium	23-2	248439.64	248752.03	251464.01	249551.90	0.67	ppb
Strontium	86-1	523.14	518.80	523.02	521.65	0.47	ppb
Strontium	88-1	525.17	523.37	524.81	524.45	0.18	ppb
Sulfur	34-1	10867.18	10772.82	11390.81	11010.27	3.02	ppb
Terbium	159-1				94		%
Terbium	159-2				91		%
Thallium	203-1	512.30	509.45	512.11	511.28	0.31	ppb
Thallium	205-1	519.53	518.80	519.23	519.19	0.07	ppb
Tin	118-1	501.74	496.05	504.11	500.63	0.83	ppb
Titanium	47-1	2532.35	2493.77	2541.29	2522.47	1.00	ppb
Uranium	238-1	528.08	524.40	526.82	526.43	0.35	ppb
Vanadium	51-2	505.36	506.67	514.89	508.97	1.01	ppb
Yttrium	89-1				93		%
Yttrium	89-2				91		%
Zinc	66-2	955.27	950.24	962.16	955.89	0.63	ppb
Zirconium	90-1	516.32	506.71	513.57	512.20	0.97	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCV034	Instrumnet Name :	P7
Client Sample ID :	CCV034	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:57:36	DataFile Name :	025CCV_P7121217 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	511.43	503.54	508.91	507.96	0.79	ppb

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : CCB034 Instrumnet Name : P7
 Client Sample ID : CCB034 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 15:12:15 DataFile Name : 026CCBE_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.38	-0.10	0.29	-0.06		ppb
Antimony	121-1	0.15	0.18	0.13	0.15	16.56	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	0.66	ppb
Barium	135-1	0.11	0.04	0.08	0.08	46.83	ppb
Barium	137-1	0.11	0.13	0.05	0.10	40.04	ppb
Beryllium	9-1	0.08	0.13	0.10	0.10	25.48	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Boron	10-1	2.32	1.98	1.61	1.97	17.86	ppb
Boron	11-1	2.05	1.93	1.90	1.96	4.24	ppb
Cadmium	111-1	-0.07	0.13	0.00	0.02	487.29	ppb
Cadmium	106-1	-0.97	1.36	0.03	0.14	833.83	ppb
Cadmium	108-1	-0.10	-0.03	0.03	-0.03		ppb
Calcium	43-1	2.27	4.11	1.59	2.66	49.08	ppb
Calcium	44-1	112.57	94.65	111.36	106.19	9.43	ppb
Chromium	52-2	0.06	0.03	0.00	0.03	104.91	ppb
Cobalt	59-2	0.02	0.05	-0.01	0.02	131.01	ppb
Copper	63-2	-0.08	-0.10	-0.02	-0.07		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				93		%
Indium	115-1				95		%
Indium	115-2				92		%
Iron	56-2	7.51	7.86	7.71	7.69	2.32	ppb
Iron	57-2	5.70	7.84	6.60	6.71	16.01	ppb
Lead	206-1	0.03	0.06	0.08	0.06	36.96	ppb
Lead	207-1	0.05	0.03	0.06	0.04	30.76	ppb
Lead	208-1	0.04	0.06	0.06	0.05	17.42	ppb
Lithium	6-1				95		%
Magnesium	24-2	-31.19	-28.27	-30.38	-29.95		ppb
Manganese	55-2	0.03	0.08	0.05	0.05	40.85	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCB034	Instrumnet Name :	P7
Client Sample ID :	CCB034	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:12:15	DataFile Name :	026CCBE_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.10	0.06	0.10	0.09	26.83	ppb
Molybdenum	95-1	0.09	0.16	0.09	0.11	32.92	ppb
Molybdenum	96-1	0.10	0.12	0.09	0.10	18.26	ppb
Molybdenum	97-1	0.13	0.09	0.16	0.13	29.32	ppb
Molybdenum	98-1	0.15	0.09	0.11	0.12	25.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.58	-0.58	-0.69	-0.61		ppb
Phosphorus	31-2	12.29	13.14	39.90	21.78	72.09	ppb
Potassium	39-2	13.42	29.89	24.78	22.69	37.14	ppb
Rhodium	103-1				94		%
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	-0.25	-0.80	-0.52	-0.52		ppb
Selenium	82-1	0.78	0.72	0.14	0.54	64.46	ppb
Silicon	28-1	1097.73	1092.04	1051.32	1080.36	2.34	ppb
Silver	109-1	0.00	-0.01	0.01	0.00	490.74	ppb
Silver	107-1	0.01	0.01	0.01	0.01	18.10	ppb
Sodium	23-2	32.03	29.35	29.04	30.14	5.46	ppb
Strontium	86-1	0.02	0.01	-0.07	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	1160.22	1292.90	1025.98	1159.70	11.51	ppb
Terbium	159-1				95		%
Terbium	159-2				93		%
Thallium	203-1	0.00	0.02	0.01	0.01	127.79	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	41.18	ppb
Tin	118-1	0.11	0.06	0.06	0.08	34.10	ppb
Titanium	47-1	-0.11	-0.20	-0.16	-0.15		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	161.28	ppb
Yttrium	89-1				95		%
Yttrium	89-2				92		%
Zinc	66-2	0.26	0.21	0.05	0.17	64.77	ppb
Zirconium	90-1	0.00	0.03	0.03	0.02	74.14	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCB034	Instrumnet Name :	P7
Client Sample ID :	CCB034	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:12:15	DataFile Name :	026CCBE_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.05	0.03	0.02	164.87	ppb

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6692-22 Instrumnet Name : P7
 Client Sample ID : MA4YX4 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 15:15:51 DataFile Name : 027SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.98	4.22	4.35	4.18	4.53	ppb
Antimony	121-1	0.06	0.06	0.08	0.07	19.11	ppb
Arsenic	75-2	0.05	-0.02	0.05	0.03	134.57	ppb
Barium	135-1	1.05	1.11	1.15	1.11	4.46	ppb
Barium	137-1	1.11	1.16	1.12	1.13	2.75	ppb
Beryllium	9-1	0.07	0.07	0.07	0.07	4.98	ppb
Bismuth	209-1				103		%
Bismuth	209-2				96		%
Boron	10-1	1.62	1.61	1.47	1.57	5.39	ppb
Boron	11-1	1.28	1.63	1.58	1.50	12.92	ppb
Cadmium	111-1	0.34	-0.02	0.16	0.16	114.55	ppb
Cadmium	106-1	3.95	-0.27	1.92	1.87	112.99	ppb
Cadmium	108-1	-0.16	0.24	0.02	0.03	592.53	ppb
Calcium	43-1	39.82	34.45	32.07	35.45	11.20	ppb
Calcium	44-1	83.90	88.28	93.27	88.48	5.30	ppb
Chromium	52-2	0.05	0.08	0.06	0.06	29.08	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	-0.06	-0.12	-0.14	-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				104		%
Holmium	165-2				96		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	56-2	12.03	12.25	12.48	12.26	1.87	ppb
Iron	57-2	12.26	13.77	15.10	13.71	10.36	ppb
Lead	206-1	0.09	0.07	0.07	0.08	18.25	ppb
Lead	207-1	0.04	0.05	0.06	0.05	13.07	ppb
Lead	208-1	0.06	0.07	0.07	0.07	5.47	ppb
Lithium	6-1				103		%
Magnesium	24-2	-26.54	-24.86	-24.49	-25.30		ppb
Manganese	55-2	0.42	0.34	0.33	0.36	12.67	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6692-22	Instrumnet Name :	P7
Client Sample ID :	MA4YX4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:15:51	DataFile Name :	027SMPL_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.08	0.07	0.08	8.68	ppb
Molybdenum	95-1	0.03	0.07	0.03	0.05	46.79	ppb
Molybdenum	96-1	0.07	0.08	0.09	0.08	9.92	ppb
Molybdenum	97-1	0.08	0.02	0.02	0.04	81.73	ppb
Molybdenum	98-1	0.03	0.04	0.06	0.04	38.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.63	-0.65	-0.60	-0.63		ppb
Phosphorus	31-2	10.23	-1.57	31.36	13.34	125.06	ppb
Potassium	39-2	23.13	0.31	14.79	12.74	90.63	ppb
Rhodium	103-1				102		%
Rhodium	103-2				96		%
Scandium	45-1				104		%
Scandium	45-2				96		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.51	-0.04	-0.55	-0.02		ppb
Selenium	82-1	0.76	-0.07	0.65	0.45	100.66	ppb
Silicon	28-1	314.42	335.78	496.91	382.37	26.09	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.01	0.00	0.00	367.82	ppb
Sodium	23-2	45.35	39.67	44.91	43.31	7.30	ppb
Strontium	86-1	0.28	0.23	0.23	0.25	13.12	ppb
Strontium	88-1	0.24	0.23	0.25	0.24	3.99	ppb
Sulfur	34-1	-1074.50	-1024.39	-762.37	-953.75		ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.01	0.00	0.00	142.71	ppb
Tin	118-1	0.13	0.16	0.15	0.14	10.52	ppb
Titanium	47-1	0.04	-0.11	-0.29	-0.12		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.03	0.02	0.02	42.83	ppb
Yttrium	89-1				103		%
Yttrium	89-2				96		%
Zinc	66-2	0.34	0.44	0.29	0.36	21.04	ppb
Zirconium	90-1	-0.01	0.00	0.01	0.00		ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6692-22	Instrumnet Name :	P7
Client Sample ID :	MA4YX4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:15:51	DataFile Name :	027SMPL_P7121217 M6

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

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-33	Instrumnet Name :	P7
Client Sample ID :	MA4Z20	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:19:23	DataFile Name :	028SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	506.76	513.79	509.03	509.86	0.70	ppb
Antimony	121-1	11.15	11.54	11.30	11.33	1.75	ppb
Arsenic	75-2	5.82	5.15	4.84	5.27	9.47	ppb
Barium	135-1	0.04	0.15	0.07	0.09	64.35	ppb
Barium	137-1	0.07	0.07	0.05	0.07	16.48	ppb
Beryllium	9-1	3.10	3.20	3.14	3.15	1.61	ppb
Bismuth	209-1				95		%
Bismuth	209-2				91		%
Boron	10-1	1.42	2.15	1.90	1.82	20.45	ppb
Boron	11-1	1.43	1.33	1.58	1.45	8.68	ppb
Cadmium	111-1	3.24	3.35	3.11	3.23	3.74	ppb
Cadmium	106-1	4.24	3.33	2.28	3.28	29.94	ppb
Cadmium	108-1	2.50	2.07	2.63	2.40	12.24	ppb
Calcium	43-1	827.91	825.38	805.20	819.50	1.52	ppb
Calcium	44-1	952.46	968.04	971.11	963.87	1.04	ppb
Chromium	52-2	5.94	6.42	6.39	6.25	4.29	ppb
Cobalt	59-2	3.14	3.33	3.27	3.25	2.89	ppb
Copper	63-2	6.45	6.07	6.46	6.33	3.49	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				96		%
Holmium	165-2				92		%
Indium	115-1				95		%
Indium	115-2				92		%
Iron	56-2	216.59	218.94	215.29	216.94	0.85	ppb
Iron	57-2	227.39	229.40	219.52	225.44	2.32	ppb
Lead	206-1	8.15	8.13	8.31	8.20	1.24	ppb
Lead	207-1	7.87	8.04	8.05	7.99	1.30	ppb
Lead	208-1	7.92	8.11	8.04	8.02	1.20	ppb
Lithium	6-1				95		%
Magnesium	24-2	331.80	326.54	328.78	329.04	0.80	ppb
Manganese	55-2	7.94	7.79	7.45	7.73	3.23	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-33	Instrumnet Name :	P7
Client Sample ID :	MA4Z20	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:19:23	DataFile Name :	028SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.07	0.05	0.05	38.88	ppb
Molybdenum	95-1	0.03	0.07	0.08	0.06	47.98	ppb
Molybdenum	96-1	0.08	0.12	0.04	0.08	48.74	ppb
Molybdenum	97-1	0.04	0.04	0.05	0.05	10.04	ppb
Molybdenum	98-1	0.04	0.05	0.07	0.05	20.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.39	2.93	2.64	2.66	10.20	ppb
Phosphorus	31-2	20.06	21.52	22.17	21.25	5.09	ppb
Potassium	39-2	692.33	728.00	695.24	705.19	2.81	ppb
Rhodium	103-1				95		%
Rhodium	103-2				91		%
Scandium	45-1				96		%
Scandium	45-2				91		%
Selenium	77-2	9.69	26.62	19.33	18.55	45.81	ppb
Selenium	78-2	14.30	10.89	19.11	14.77	27.97	ppb
Selenium	82-1	16.64	16.29	17.08	16.67	2.40	ppb
Silicon	28-1	1029.97	1120.64	1085.76	1078.79	4.24	ppb
Silver	109-1	3.10	3.31	3.27	3.23	3.50	ppb
Silver	107-1	3.30	2.91	3.12	3.11	6.26	ppb
Sodium	23-2	475.69	476.56	480.80	477.68	0.57	ppb
Strontium	86-1	0.10	0.05	0.09	0.08	34.39	ppb
Strontium	88-1	0.08	0.09	0.09	0.08	7.70	ppb
Sulfur	34-1	1031.54	1249.86	1081.12	1120.84	10.21	ppb
Terbium	159-1				96		%
Terbium	159-2				92		%
Thallium	203-1	2.99	2.91	2.86	2.92	2.20	ppb
Thallium	205-1	3.06	3.02	2.99	3.02	1.20	ppb
Tin	118-1	0.53	0.53	0.47	0.51	6.55	ppb
Titanium	47-1	-0.04	-0.09	-0.17	-0.10		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	3.94	4.19	4.15	4.10	3.29	ppb
Yttrium	89-1				95		%
Yttrium	89-2				92		%
Zinc	66-2	18.56	20.39	19.03	19.33	4.93	ppb
Zirconium	90-1	0.02	0.04	0.03	0.03	32.40	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-33	Instrumnet Name :	P7
Client Sample ID :	MA4Z20	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:19:23	DataFile Name :	028SMPL_P7121217 M6

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.02	0.02	0.04	89.25	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCV035	Instrumnet Name :	P7
Client Sample ID :	CCV035	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:22:54	DataFile Name :	029CCV_P7121217 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50045.93	51619.31	50768.50	50811.25	1.55	ppb
Antimony	121-1	493.83	485.50	489.26	489.53	0.85	ppb
Arsenic	75-2	494.46	512.16	498.74	501.79	1.84	ppb
Barium	135-1	2506.45	2460.78	2471.12	2479.45	0.97	ppb
Barium	137-1	2539.02	2482.03	2512.06	2511.04	1.14	ppb
Beryllium	9-1	512.17	501.72	508.75	507.55	1.05	ppb
Bismuth	209-1				87		%
Bismuth	209-2				83		%
Boron	10-1	491.62	491.46	505.13	496.07	1.58	ppb
Boron	11-1	489.81	493.40	509.01	497.41	2.05	ppb
Cadmium	111-1	489.96	479.82	483.15	484.31	1.07	ppb
Cadmium	106-1	507.08	496.79	488.42	497.43	1.88	ppb
Cadmium	108-1	501.46	478.95	480.30	486.90	2.59	ppb
Calcium	43-1	247855.24	242735.33	245179.69	245256.75	1.04	ppb
Calcium	44-1	245667.76	241414.71	244132.32	243738.26	0.88	ppb
Chromium	52-2	508.27	528.83	508.36	515.15	2.30	ppb
Cobalt	59-2	490.69	510.41	494.00	498.37	2.12	ppb
Copper	63-2	962.89	1001.25	972.94	979.03	2.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				91		%
Indium	115-1				90		%
Indium	115-2				87		%
Iron	56-2	123487.72	128597.14	125105.87	125730.24	2.08	ppb
Iron	57-2	121936.18	127633.90	123644.97	124405.02	2.35	ppb
Lead	206-1	516.37	505.82	508.36	510.18	1.08	ppb
Lead	207-1	514.85	502.68	506.51	508.01	1.22	ppb
Lead	208-1	514.99	504.84	508.27	509.37	1.01	ppb
Lithium	6-1				92		%
Magnesium	24-2	248697.52	257998.03	251867.32	252854.29	1.87	ppb
Manganese	55-2	993.62	1033.48	1009.84	1012.31	1.98	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCV035	Instrumnet Name :	P7
Client Sample ID :	CCV035	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:22:54	DataFile Name :	029CCV_P7121217 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2561.99	2514.37	2534.48	2536.95	0.94	ppb
Molybdenum	95-1	2553.14	2502.94	2521.14	2525.74	1.01	ppb
Molybdenum	96-1	2528.84	2482.80	2509.65	2507.09	0.92	ppb
Molybdenum	97-1	2531.79	2487.72	2494.62	2504.71	0.95	ppb
Molybdenum	98-1	2543.80	2508.57	2523.44	2525.27	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.40	509.06	492.35	496.27	2.29	ppb
Phosphorus	31-2	10065.02	10434.70	10333.48	10277.73	1.86	ppb
Potassium	39-2	125467.28	130297.66	127434.51	127733.15	1.90	ppb
Rhodium	103-1				86		%
Rhodium	103-2				83		%
Scandium	45-1				95		%
Scandium	45-2				90		%
Selenium	77-2	422.51	509.53	485.52	472.52	9.51	ppb
Selenium	78-2	484.56	501.40	483.97	489.98	2.02	ppb
Selenium	82-1	489.67	482.04	481.12	484.28	0.97	ppb
Silicon	28-1	1295.42	1172.09	1354.62	1274.04	7.31	ppb
Silver	109-1	488.17	477.17	482.91	482.75	1.14	ppb
Silver	107-1	487.39	480.54	479.22	482.38	0.91	ppb
Sodium	23-2	249335.03	257762.71	251082.99	252726.91	1.76	ppb
Strontium	86-1	518.18	514.37	512.77	515.11	0.54	ppb
Strontium	88-1	528.94	515.25	520.01	521.40	1.33	ppb
Sulfur	34-1	11830.20	11153.62	11665.15	11549.66	3.05	ppb
Terbium	159-1				95		%
Terbium	159-2				91		%
Thallium	203-1	515.14	503.96	504.18	507.76	1.26	ppb
Thallium	205-1	523.94	513.43	515.69	517.68	1.07	ppb
Tin	118-1	497.24	489.69	492.61	493.18	0.77	ppb
Titanium	47-1	2529.85	2484.31	2497.12	2503.76	0.94	ppb
Uranium	238-1	521.28	509.48	515.95	515.57	1.15	ppb
Vanadium	51-2	503.85	526.86	510.70	513.80	2.30	ppb
Yttrium	89-1				94		%
Yttrium	89-2				90		%
Zinc	66-2	952.93	989.08	958.86	966.96	2.01	ppb
Zirconium	90-1	510.47	502.93	506.04	506.48	0.75	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCV035	Instrumnet Name :	P7
Client Sample ID :	CCV035	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:22:54	DataFile Name :	029CCV_P7121217 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	505.75	500.38	507.89	504.67	0.77	ppb

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : CCB035 Instrumnet Name : P7
 Client Sample ID : CCB035 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 15:28:29 DataFile Name : 030CCBE_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.96	2.05	1.25	1.42	39.58	ppb
Antimony	121-1	0.57	0.66	0.71	0.65	11.40	ppb
Arsenic	75-2	0.06	0.09	0.07	0.07	25.06	ppb
Barium	135-1	0.19	0.22	0.22	0.21	7.50	ppb
Barium	137-1	0.20	0.19	0.16	0.18	12.44	ppb
Beryllium	9-1	0.34	0.40	0.39	0.38	8.43	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Boron	10-1	6.24	6.45	6.08	6.26	2.94	ppb
Boron	11-1	6.66	6.36	5.75	6.26	7.48	ppb
Cadmium	111-1	0.24	-0.17	-0.05	0.01	3968.61	ppb
Cadmium	106-1	2.68	-2.48	-0.77	-0.19		ppb
Cadmium	108-1	0.02	0.15	0.03	0.07	100.40	ppb
Calcium	43-1	8.12	10.45	12.94	10.50	22.92	ppb
Calcium	44-1	104.49	99.98	141.86	115.44	19.91	ppb
Chromium	52-2	0.11	0.01	0.05	0.06	86.74	ppb
Cobalt	59-2	0.04	0.07	0.04	0.05	29.70	ppb
Copper	63-2	-0.01	0.07	-0.02	0.01	399.23	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				96		%
Holmium	165-2				94		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	14.60	14.24	13.05	13.96	5.78	ppb
Iron	57-2	12.78	13.67	14.83	13.76	7.48	ppb
Lead	206-1	0.13	0.08	0.11	0.11	22.35	ppb
Lead	207-1	0.08	0.08	0.10	0.09	10.72	ppb
Lead	208-1	0.10	0.10	0.11	0.10	1.96	ppb
Lithium	6-1				95		%
Magnesium	24-2	-33.20	-33.23	-30.61	-32.35		ppb
Manganese	55-2	0.15	0.15	0.08	0.13	34.24	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCB035	Instrumnet Name :	P7
Client Sample ID :	CCB035	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:28:29	DataFile Name :	030CCBE_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.53	0.40	0.48	0.47	14.68	ppb
Molybdenum	95-1	0.43	0.40	0.48	0.44	9.65	ppb
Molybdenum	96-1	0.58	0.46	0.53	0.52	11.83	ppb
Molybdenum	97-1	0.53	0.48	0.50	0.50	4.27	ppb
Molybdenum	98-1	0.56	0.49	0.49	0.51	8.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.71	-0.80	-0.72	-0.74		ppb
Phosphorus	31-2	8.33	5.78	41.39	18.50	107.36	ppb
Potassium	39-2	35.55	22.01	36.40	31.32	25.78	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.80	0.55	1.88	0.54	247.92	ppb
Selenium	82-1	0.66	-0.11	0.16	0.24	164.18	ppb
Silicon	28-1	954.21	865.56	1628.71	1149.49	36.31	ppb
Silver	109-1	0.00	0.01	0.02	0.01	90.12	ppb
Silver	107-1	0.02	0.02	0.00	0.01	63.14	ppb
Sodium	23-2	57.57	53.66	53.65	54.96	4.11	ppb
Strontium	86-1	-0.02	0.01	-0.03	-0.02		ppb
Strontium	88-1	0.00	-0.01	0.00	0.00		ppb
Sulfur	34-1	566.65	433.25	1761.87	920.59	79.47	ppb
Terbium	159-1				96		%
Terbium	159-2				93		%
Thallium	203-1	0.01	0.03	0.04	0.03	43.62	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	11.46	ppb
Tin	118-1	0.21	0.25	0.25	0.24	11.14	ppb
Titanium	47-1	-0.24	-0.12	-0.11	-0.16		ppb
Uranium	238-1	0.00	0.01	0.01	0.01	47.63	ppb
Vanadium	51-2	0.00	0.01	0.02	0.01	89.87	ppb
Yttrium	89-1				96		%
Yttrium	89-2				94		%
Zinc	66-2	0.44	0.61	0.66	0.57	20.82	ppb
Zirconium	90-1	0.07	0.06	0.06	0.06	9.55	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCB035	Instrumnet Name :	P7
Client Sample ID :	CCB035	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:28:29	DataFile Name :	030CCBE_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.04	0.05	0.04	4.74	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6695-01	Instrumnet Name :	P7
Client Sample ID :	MA4YY6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:32:04	DataFile Name :	031SMPL_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.36	12.09	11.02	12.16	9.65	ppb
Antimony	121-1	1.47	1.32	1.28	1.36	7.22	ppb
Arsenic	75-2	3.08	2.45	2.43	2.65	13.98	ppb
Barium	135-1	22.44	22.10	22.66	22.40	1.26	ppb
Barium	137-1	22.90	23.52	22.62	23.01	1.98	ppb
Beryllium	9-1	0.23	0.23	0.26	0.24	7.38	ppb
Bismuth	209-1				63		%
Bismuth	209-2				59		%
Boron	10-1	2387.82	2374.36	2355.87	2372.68	0.68	ppb
Boron	11-1	2543.20	2545.14	2544.45	2544.27	0.04	ppb
Cadmium	111-1	0.30	0.04	0.06	0.14	107.85	ppb
Cadmium	106-1	2.48	-1.04	-0.21	0.41	449.45	ppb
Cadmium	108-1	0.87	0.72	0.55	0.71	22.16	ppb
Calcium	43-1	256792.77	257277.16	256334.84	256801.59	0.18	ppb
Calcium	44-1	257763.86	257469.71	255592.98	256942.18	0.46	ppb
Chromium	52-2	2.80	2.63	2.74	2.72	3.11	ppb
Cobalt	59-2	0.31	0.28	0.32	0.30	6.97	ppb
Copper	63-2	3.34	3.54	3.43	3.44	2.85	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				75		%
Holmium	165-2				70		%
Indium	115-1				74		%
Indium	115-2				69		%
Iron	56-2	65.00	62.46	62.29	63.25	2.40	ppb
Iron	57-2	324.29	334.21	319.04	325.84	2.37	ppb
Lead	206-1	1.38	1.30	1.36	1.35	2.89	ppb
Lead	207-1	1.36	1.34	1.30	1.33	2.30	ppb
Lead	208-1	1.35	1.35	1.31	1.34	1.74	ppb
Lithium	6-1				81		%
Magnesium	24-2	782553.03	778923.33	776620.53	779365.63	0.38	ppb
Manganese	55-2	175.25	173.45	174.46	174.39	0.52	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6695-01	Instrumnet Name :	P7
Client Sample ID :	MA4YY6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:32:04	DataFile Name :	031SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.21	5.06	5.06	5.11	1.66	ppb
Molybdenum	95-1	6.41	6.24	6.60	6.42	2.78	ppb
Molybdenum	96-1	5.68	5.69	5.56	5.64	1.27	ppb
Molybdenum	97-1	8.97	9.70	9.86	9.51	4.99	ppb
Molybdenum	98-1	5.86	5.98	5.65	5.83	2.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.51	1.59	1.81	1.63	9.63	ppb
Phosphorus	31-2	321.83	184.55	190.42	232.27	33.42	ppb
Potassium	39-2	244113.46	242158.66	242656.99	242976.37	0.42	ppb
Rhodium	103-1				66		%
Rhodium	103-2				63		%
Scandium	45-1				78		%
Scandium	45-2				76		%
Selenium	77-2	6.05	12.35	8.32	8.91	35.83	ppb
Selenium	78-2	2.37	2.44	4.92	3.24	44.80	ppb
Selenium	82-1	-29.01	-45.10	-63.28	-45.80		ppb
Silicon	28-1	6331.95	6442.33	6453.17	6409.15	1.05	ppb
Silver	109-1	0.66	0.75	0.64	0.69	8.42	ppb
Silver	107-1	0.60	0.76	0.60	0.65	14.45	ppb
Sodium	23-2	6717073.91	6660498.14	6683619.38	6687063.81	0.43	ppb
Strontium	86-1	4743.89	4743.99	4689.77	4725.88	0.66	ppb
Strontium	88-1	4691.67	4719.28	4671.34	4694.09	0.51	ppb
Sulfur	34-1	416044.24	417043.19	415344.30	416143.91	0.21	ppb
Terbium	159-1				75		%
Terbium	159-2				69		%
Thallium	203-1	0.17	0.09	0.09	0.12	40.19	ppb
Thallium	205-1	0.14	0.11	0.10	0.12	18.35	ppb
Tin	118-1	0.91	0.81	0.73	0.82	11.44	ppb
Titanium	47-1	15.64	16.55	15.55	15.91	3.48	ppb
Uranium	238-1	1.88	1.87	1.83	1.86	1.59	ppb
Vanadium	51-2	3.54	3.34	3.47	3.45	2.91	ppb
Yttrium	89-1				75		%
Yttrium	89-2				73		%
Zinc	66-2	5.88	5.20	5.14	5.41	7.59	ppb
Zirconium	90-1	0.70	0.52	0.52	0.58	18.13	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6695-01	Instrumnet Name :	P7
Client Sample ID :	MA4YY6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:32:04	DataFile Name :	031SMPL_P7121217 M6

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.62	0.59	0.47	0.56	13.70	ppb

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6695-01DLX2 Instrumnet Name : P7
 Client Sample ID : MA4YY6 Dilution Factor : 2
 Date & Time Acquired :: 2017-12-12 15:35:37 DataFile Name : 032SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.95	6.18	8.81	7.31	18.47	ppb
Antimony	121-1	0.61	0.62	0.60	0.61	1.76	ppb
Arsenic	75-2	1.71	1.24	1.22	1.39	20.21	ppb
Barium	135-1	10.84	11.08	11.17	11.03	1.51	ppb
Barium	137-1	10.88	11.00	11.45	11.11	2.70	ppb
Beryllium	9-1	0.17	0.21	0.10	0.16	35.34	ppb
Bismuth	209-1				67		%
Bismuth	209-2				67		%
Boron	10-1	1219.54	1230.92	1238.61	1229.69	0.78	ppb
Boron	11-1	1273.95	1302.58	1327.90	1301.48	2.07	ppb
Cadmium	111-1	-0.03	-0.02	-0.21	-0.09		ppb
Cadmium	106-1	-1.08	-0.64	-3.08	-1.60		ppb
Cadmium	108-1	0.29	0.06	0.28	0.21	61.12	ppb
Calcium	43-1	130723.11	127499.36	130131.29	129451.25	1.33	ppb
Calcium	44-1	131718.99	128455.79	131513.89	130562.89	1.40	ppb
Chromium	52-2	1.41	1.21	1.34	1.32	7.93	ppb
Cobalt	59-2	0.15	0.12	0.12	0.13	10.73	ppb
Copper	63-2	1.98	2.26	2.12	2.12	6.62	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				81		%
Holmium	165-2				78		%
Indium	115-1				77		%
Indium	115-2				76		%
Iron	56-2	35.36	33.00	33.35	33.90	3.75	ppb
Iron	57-2	154.15	156.23	157.15	155.84	0.99	ppb
Lead	206-1	0.78	0.76	0.71	0.75	4.97	ppb
Lead	207-1	0.79	0.75	0.63	0.72	11.67	ppb
Lead	208-1	0.77	0.74	0.66	0.72	7.75	ppb
Lithium	6-1				86		%
Magnesium	24-2	392500.66	391462.79	395796.20	393253.22	0.58	ppb
Manganese	55-2	88.54	86.90	89.71	88.39	1.60	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6695-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4YY6	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 15:35:37	DataFile Name :	032SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.16	2.39	2.42	2.32	6.06	ppb
Molybdenum	95-1	3.33	3.35	3.31	3.33	0.58	ppb
Molybdenum	96-1	2.84	2.68	2.75	2.76	2.97	ppb
Molybdenum	97-1	4.42	4.29	4.55	4.42	2.90	ppb
Molybdenum	98-1	2.91	2.89	2.86	2.89	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.39	0.61	0.38	0.46	27.45	ppb
Phosphorus	31-2	95.20	108.67	121.41	108.43	12.09	ppb
Potassium	39-2	121565.05	121708.94	122598.64	121957.55	0.46	ppb
Rhodium	103-1				72		%
Rhodium	103-2				72		%
Scandium	45-1				83		%
Scandium	45-2				83		%
Selenium	77-2	3.78	5.55	1.82	3.72	50.23	ppb
Selenium	78-2	0.24	0.21	0.49	0.31	48.80	ppb
Selenium	82-1	-10.06	-16.21	-21.77	-16.02		ppb
Silicon	28-1	5523.09	4986.35	5222.56	5244.00	5.13	ppb
Silver	109-1	0.53	0.48	0.38	0.46	17.46	ppb
Silver	107-1	0.47	0.49	0.44	0.47	5.72	ppb
Sodium	23-2	3342709.80	3321525.73	3363587.28	3342607.60	0.63	ppb
Strontium	86-1	2370.19	2345.90	2409.77	2375.29	1.36	ppb
Strontium	88-1	2368.61	2365.39	2412.89	2382.30	1.11	ppb
Sulfur	34-1	215691.48	210765.28	217314.63	214590.46	1.59	ppb
Terbium	159-1				80		%
Terbium	159-2				78		%
Thallium	203-1	0.03	0.02	0.01	0.02	38.41	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	64.41	ppb
Tin	118-1	0.26	0.32	0.39	0.33	19.66	ppb
Titanium	47-1	6.04	6.07	6.07	6.06	0.23	ppb
Uranium	238-1	0.94	0.95	0.95	0.95	0.68	ppb
Vanadium	51-2	1.90	1.92	1.92	1.91	0.59	ppb
Yttrium	89-1				81		%
Yttrium	89-2				81		%
Zinc	66-2	2.43	2.66	2.23	2.44	8.83	ppb
Zirconium	90-1	0.18	0.17	0.17	0.18	3.11	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6695-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4YY6	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 15:35:37	DataFile Name :	032SMPL_P7121217 M6

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.27	0.15	0.24	0.22	28.04	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-19	Instrumnet Name :	P7
Client Sample ID :	MA4YY0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:39:11	DataFile Name :	033SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99.51	102.31	109.97	103.93	5.21	ppb
Antimony	121-1	0.75	0.77	0.81	0.78	3.76	ppb
Arsenic	75-2	2.75	3.57	2.68	3.00	16.49	ppb
Barium	135-1	22.18	23.72	22.93	22.94	3.35	ppb
Barium	137-1	23.10	24.24	22.75	23.36	3.33	ppb
Beryllium	9-1	0.17	0.13	0.17	0.16	15.48	ppb
Bismuth	209-1				64		%
Bismuth	209-2				60		%
Boron	10-1	2341.74	2372.53	2378.11	2364.13	0.83	ppb
Boron	11-1	2502.50	2557.76	2554.33	2538.20	1.22	ppb
Cadmium	111-1	0.06	0.42	0.01	0.16	135.51	ppb
Cadmium	106-1	0.29	4.67	0.06	1.67	155.13	ppb
Cadmium	108-1	0.76	0.83	0.90	0.83	8.64	ppb
Calcium	43-1	256897.92	258066.16	256604.13	257189.40	0.30	ppb
Calcium	44-1	257691.64	259113.36	256064.39	257623.13	0.59	ppb
Chromium	52-2	3.22	3.28	3.45	3.32	3.57	ppb
Cobalt	59-2	0.33	0.29	0.28	0.30	9.25	ppb
Copper	63-2	10.26	10.95	11.17	10.79	4.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				78		%
Holmium	165-2				71		%
Indium	115-1				73		%
Indium	115-2				70		%
Iron	56-2	212.28	209.57	208.62	210.16	0.90	ppb
Iron	57-2	477.97	460.07	478.20	472.08	2.20	ppb
Lead	206-1	5.38	5.25	5.25	5.29	1.42	ppb
Lead	207-1	5.10	5.03	4.76	4.97	3.59	ppb
Lead	208-1	5.15	5.11	5.02	5.10	1.37	ppb
Lithium	6-1				89		%
Magnesium	24-2	790866.27	783589.09	785989.60	786814.99	0.47	ppb
Manganese	55-2	177.36	174.47	177.44	176.42	0.96	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-19	Instrumnet Name :	P7
Client Sample ID :	MA4YY0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:39:11	DataFile Name :	033SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.33	4.12	4.33	4.26	2.86	ppb
Molybdenum	95-1	6.14	6.44	6.06	6.22	3.18	ppb
Molybdenum	96-1	5.30	5.75	5.50	5.52	4.09	ppb
Molybdenum	97-1	8.56	9.33	9.87	9.25	7.11	ppb
Molybdenum	98-1	5.77	5.59	5.83	5.73	2.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.19	1.02	1.21	1.14	9.12	ppb
Phosphorus	31-2	285.40	257.78	267.85	270.34	5.17	ppb
Potassium	39-2	249046.10	247580.23	247000.57	247875.63	0.43	ppb
Rhodium	103-1				69		%
Rhodium	103-2				65		%
Scandium	45-1				83		%
Scandium	45-2				79		%
Selenium	77-2	5.84	7.80	6.13	6.59	16.05	ppb
Selenium	78-2	1.92	1.92	2.76	2.20	22.01	ppb
Selenium	82-1	-97.30	-140.11	-152.00	-129.80		ppb
Silicon	28-1	6929.90	6771.89	6734.18	6811.99	1.52	ppb
Silver	109-1	0.62	0.53	0.53	0.56	9.81	ppb
Silver	107-1	0.63	0.62	0.56	0.60	5.74	ppb
Sodium	23-2	6765928.33	6736224.61	6760324.65	6754159.20	0.23	ppb
Strontium	86-1	4698.33	4732.45	4686.96	4705.91	0.50	ppb
Strontium	88-1	4682.66	4722.17	4677.87	4694.23	0.52	ppb
Sulfur	34-1	419410.60	424228.02	421247.23	421628.62	0.58	ppb
Terbium	159-1				78		%
Terbium	159-2				71		%
Thallium	203-1	0.00	-0.02	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.57	0.60	0.58	0.59	2.67	ppb
Titanium	47-1	17.44	17.54	18.33	17.77	2.74	ppb
Uranium	238-1	1.90	1.85	1.83	1.86	1.85	ppb
Vanadium	51-2	4.23	4.22	4.39	4.28	2.16	ppb
Yttrium	89-1				79		%
Yttrium	89-2				76		%
Zinc	66-2	6.49	6.18	6.30	6.32	2.45	ppb
Zirconium	90-1	0.25	0.25	0.26	0.25	2.36	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-19	Instrumnet Name :	P7
Client Sample ID :	MA4YY0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:39:11	DataFile Name :	033SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.27	1.73	0.29	0.77	109.54	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-20	Instrumnet Name :	P7
Client Sample ID :	MA4YY1	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:42:45	DataFile Name :	034SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56.07	56.14	56.28	56.16	0.19	ppb
Antimony	121-1	0.64	0.63	0.52	0.60	11.32	ppb
Arsenic	75-2	1.09	0.79	0.92	0.93	15.85	ppb
Barium	135-1	66.19	65.68	66.47	66.11	0.61	ppb
Barium	137-1	66.64	64.61	67.16	66.14	2.03	ppb
Beryllium	9-1	0.06	0.09	0.08	0.08	15.39	ppb
Bismuth	209-1				75		%
Bismuth	209-2				71		%
Boron	10-1	1024.22	1021.36	1065.54	1037.04	2.38	ppb
Boron	11-1	1080.53	1086.75	1129.82	1099.03	2.44	ppb
Cadmium	111-1	0.01	0.15	-0.01	0.05	171.78	ppb
Cadmium	106-1	-1.45	-0.13	-2.26	-1.28		ppb
Cadmium	108-1	0.43	0.30	0.05	0.26	74.76	ppb
Calcium	43-1	130788.35	129494.77	135319.90	131867.68	2.32	ppb
Calcium	44-1	132238.63	130880.10	137605.11	133574.62	2.66	ppb
Chromium	52-2	0.61	0.68	0.55	0.61	10.29	ppb
Cobalt	59-2	0.37	0.40	0.28	0.35	17.78	ppb
Copper	63-2	3.43	3.68	3.46	3.52	3.78	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				90		%
Holmium	165-2				84		%
Indium	115-1				85		%
Indium	115-2				81		%
Iron	56-2	877.07	941.01	878.33	898.81	4.07	ppb
Iron	57-2	979.85	1079.08	1021.81	1026.92	4.85	ppb
Lead	206-1	1.47	1.30	1.42	1.40	6.53	ppb
Lead	207-1	1.34	1.30	1.33	1.32	1.66	ppb
Lead	208-1	1.43	1.30	1.36	1.36	4.95	ppb
Lithium	6-1				98		%
Magnesium	24-2	331747.24	356180.90	334008.16	340645.43	3.96	ppb
Manganese	55-2	406.53	436.06	407.27	416.62	4.04	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-20	Instrumnet Name :	P7
Client Sample ID :	MA4YY1	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:42:45	DataFile Name :	034SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.80	1.95	1.76	1.84	5.52	ppb
Molybdenum	95-1	2.68	2.75	2.65	2.69	1.87	ppb
Molybdenum	96-1	2.35	2.31	2.38	2.35	1.47	ppb
Molybdenum	97-1	3.78	3.87	3.79	3.81	1.25	ppb
Molybdenum	98-1	2.51	2.34	2.43	2.42	3.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	1.33	1.05	1.13	15.86	ppb
Phosphorus	31-2	113.85	139.60	53.78	102.41	43.00	ppb
Potassium	39-2	102020.93	109650.10	103167.05	104946.02	3.92	ppb
Rhodium	103-1				81		%
Rhodium	103-2				77		%
Scandium	45-1				94		%
Scandium	45-2				89		%
Selenium	77-2	1.68	0.00	10.19	3.96	138.04	ppb
Selenium	78-2	2.04	2.25	0.36	1.55	66.59	ppb
Selenium	82-1	-56.59	-64.11	-71.22	-63.97		ppb
Silicon	28-1	6303.61	6276.57	7139.28	6573.15	7.46	ppb
Silver	109-1	0.54	0.46	0.41	0.47	14.09	ppb
Silver	107-1	0.56	0.45	0.33	0.44	25.94	ppb
Sodium	23-2	2797500.65	2995109.47	2825302.17	2872637.43	3.72	ppb
Strontium	86-1	2047.57	2027.57	2115.74	2063.63	2.24	ppb
Strontium	88-1	2065.48	2042.57	2138.61	2082.22	2.41	ppb
Sulfur	34-1	182683.32	181552.16	192273.84	185503.11	3.18	ppb
Terbium	159-1				89		%
Terbium	159-2				83		%
Thallium	203-1	0.00	0.02	0.00	0.01	160.34	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	84.80	ppb
Tin	118-1	0.37	0.30	0.42	0.36	16.17	ppb
Titanium	47-1	7.81	7.66	8.37	7.95	4.76	ppb
Uranium	238-1	0.56	0.58	0.60	0.58	3.59	ppb
Vanadium	51-2	1.34	1.40	1.34	1.36	2.47	ppb
Yttrium	89-1				90		%
Yttrium	89-2				87		%
Zinc	66-2	13.55	14.98	13.16	13.90	6.86	ppb
Zirconium	90-1	0.10	0.10	0.10	0.10	3.09	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-20	Instrumnet Name :	P7
Client Sample ID :	MA4YY1	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:42:45	DataFile Name :	034SMPL_P7121217 M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.10	0.15	0.11	26.85	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-21	Instrumnet Name :	P7
Client Sample ID :	MA4YY2	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:46:19	DataFile Name :	035SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	313.32	310.49	310.95	311.59	0.49	ppb
Antimony	121-1	0.72	0.70	0.68	0.70	2.80	ppb
Arsenic	75-2	1.68	1.86	1.93	1.82	6.84	ppb
Barium	135-1	61.28	58.51	62.18	60.66	3.15	ppb
Barium	137-1	61.41	58.77	62.70	60.96	3.29	ppb
Beryllium	9-1	0.12	0.16	0.14	0.14	17.26	ppb
Bismuth	209-1				71		%
Bismuth	209-2				68		%
Boron	10-1	1246.83	1225.56	1308.88	1260.42	3.43	ppb
Boron	11-1	1327.16	1306.37	1388.29	1340.61	3.18	ppb
Cadmium	111-1	0.07	-0.02	0.16	0.07	131.76	ppb
Cadmium	106-1	-0.37	-1.94	0.96	-0.45		ppb
Cadmium	108-1	0.34	0.11	0.33	0.26	50.00	ppb
Calcium	43-1	149613.76	143797.19	151060.65	148157.20	2.59	ppb
Calcium	44-1	151066.47	145116.70	153296.44	149826.54	2.82	ppb
Chromium	52-2	1.83	1.70	1.77	1.76	3.59	ppb
Cobalt	59-2	0.43	0.42	0.42	0.42	2.41	ppb
Copper	63-2	6.65	6.81	6.31	6.59	3.89	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				86		%
Holmium	165-2				81		%
Indium	115-1				81		%
Indium	115-2				79		%
Iron	56-2	3390.51	3363.42	3312.97	3355.63	1.17	ppb
Iron	57-2	3466.57	3425.05	3438.66	3443.43	0.61	ppb
Lead	206-1	8.29	8.03	8.57	8.30	3.27	ppb
Lead	207-1	7.70	7.15	7.52	7.46	3.75	ppb
Lead	208-1	7.92	7.55	7.98	7.82	2.97	ppb
Lithium	6-1				95		%
Magnesium	24-2	405834.03	404267.31	397078.56	402393.30	1.16	ppb
Manganese	55-2	266.63	265.54	263.49	265.22	0.60	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-21	Instrumnet Name :	P7
Client Sample ID :	MA4YY2	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:46:19	DataFile Name :	035SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.36	1.97	2.52	2.28	12.38	ppb
Molybdenum	95-1	3.21	2.93	3.39	3.18	7.17	ppb
Molybdenum	96-1	2.68	2.64	2.69	2.67	0.90	ppb
Molybdenum	97-1	4.16	4.14	4.37	4.22	3.01	ppb
Molybdenum	98-1	2.95	2.71	2.84	2.83	4.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.23	1.32	1.17	1.24	5.96	ppb
Phosphorus	31-2	356.28	396.57	356.99	369.94	6.23	ppb
Potassium	39-2	126362.73	125867.03	124247.88	125492.55	0.88	ppb
Rhodium	103-1				77		%
Rhodium	103-2				75		%
Scandium	45-1				91		%
Scandium	45-2				88		%
Selenium	77-2	1.77	8.93	5.22	5.30	67.46	ppb
Selenium	78-2	2.81	1.64	0.40	1.62	74.26	ppb
Selenium	82-1	-61.82	-70.83	-87.47	-73.37		ppb
Silicon	28-1	7526.08	6864.48	7390.66	7260.41	4.81	ppb
Silver	109-1	0.40	0.40	0.32	0.37	13.02	ppb
Silver	107-1	0.36	0.37	0.32	0.35	7.83	ppb
Sodium	23-2	3459832.38	3440827.76	3404930.41	3435196.85	0.81	ppb
Strontium	86-1	2528.14	2422.85	2528.83	2493.27	2.45	ppb
Strontium	88-1	2545.86	2444.93	2573.79	2521.53	2.69	ppb
Sulfur	34-1	225759.09	219423.66	231104.01	225428.92	2.59	ppb
Terbium	159-1				86		%
Terbium	159-2				81		%
Thallium	203-1	0.02	0.01	0.02	0.02	17.86	ppb
Thallium	205-1	0.04	0.03	0.04	0.04	9.15	ppb
Tin	118-1	0.41	0.44	0.46	0.44	5.90	ppb
Titanium	47-1	28.55	27.68	29.50	28.58	3.19	ppb
Uranium	238-1	0.71	0.71	0.77	0.73	4.50	ppb
Vanadium	51-2	3.08	3.02	3.37	3.16	6.03	ppb
Yttrium	89-1				87		%
Yttrium	89-2				85		%
Zinc	66-2	21.25	20.81	21.84	21.30	2.43	ppb
Zirconium	90-1	0.16	0.15	0.14	0.15	4.31	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-21	Instrumnet Name :	P7
Client Sample ID :	MA4YY2	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:46:19	DataFile Name :	035SMPL_P7121217 M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.27	0.20	0.17	0.21	24.11	ppb

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-22 Instrumnet Name : P7
 Client Sample ID : MA4YY3 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 15:49:53 DataFile Name : 036SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	268.87	269.95	258.47	265.76	2.39	ppb
Antimony	121-1	0.83	0.86	0.98	0.89	8.99	ppb
Arsenic	75-2	3.04	2.70	2.97	2.91	6.20	ppb
Barium	135-1	25.20	24.51	25.13	24.95	1.53	ppb
Barium	137-1	25.07	25.56	25.11	25.25	1.06	ppb
Beryllium	9-1	0.08	0.05	0.08	0.07	22.98	ppb
Bismuth	209-1				59		%
Bismuth	209-2				61		%
Boron	10-1	2480.69	2515.58	2489.11	2495.13	0.73	ppb
Boron	11-1	2674.86	2711.18	2693.63	2693.22	0.67	ppb
Cadmium	111-1	-0.08	-0.28	-0.21	-0.19		ppb
Cadmium	106-1	-1.76	-4.01	-3.45	-3.07		ppb
Cadmium	108-1	0.42	0.62	0.56	0.53	19.59	ppb
Calcium	43-1	264126.96	267159.71	258602.94	263296.54	1.65	ppb
Calcium	44-1	265587.75	269966.46	261520.75	265691.65	1.59	ppb
Chromium	52-2	1.77	1.62	1.53	1.64	7.37	ppb
Cobalt	59-2	0.36	0.33	0.36	0.35	3.89	ppb
Copper	63-2	7.92	7.45	6.67	7.35	8.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				72		%
Holmium	165-2				72		%
Indium	115-1				68		%
Indium	115-2				71		%
Iron	56-2	1049.38	1029.54	989.66	1022.86	2.97	ppb
Iron	57-2	1294.94	1282.88	1220.78	1266.20	3.14	ppb
Lead	206-1	3.12	3.05	3.01	3.06	1.84	ppb
Lead	207-1	2.72	2.75	2.70	2.72	0.94	ppb
Lead	208-1	2.95	2.91	2.85	2.90	1.74	ppb
Lithium	6-1				85		%
Magnesium	24-2	801533.04	784325.19	764255.80	783371.34	2.38	ppb
Manganese	55-2	138.39	136.06	130.36	134.94	3.06	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-22	Instrumnet Name :	P7
Client Sample ID :	MA4YY3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:49:53	DataFile Name :	036SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.79	5.33	4.90	5.01	5.70	ppb
Molybdenum	95-1	6.73	6.84	7.00	6.86	1.98	ppb
Molybdenum	96-1	6.12	6.18	6.17	6.16	0.53	ppb
Molybdenum	97-1	9.27	9.89	10.19	9.78	4.79	ppb
Molybdenum	98-1	6.31	6.83	6.50	6.55	4.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.44	1.37	1.40	1.40	2.49	ppb
Phosphorus	31-2	345.74	349.30	244.76	313.27	18.95	ppb
Potassium	39-2	258719.17	254091.14	247391.21	253400.51	2.25	ppb
Rhodium	103-1				64		%
Rhodium	103-2				67		%
Scandium	45-1				78		%
Scandium	45-2				83		%
Selenium	77-2	2.01	11.84	7.20	7.02	70.14	ppb
Selenium	78-2	2.35	1.96	2.87	2.39	19.13	ppb
Selenium	82-1	-190.86	-239.46	-272.25	-234.19		ppb
Silicon	28-1	8212.32	8783.15	7327.76	8107.74	9.04	ppb
Silver	109-1	0.55	0.56	0.43	0.51	13.87	ppb
Silver	107-1	0.58	0.51	0.47	0.52	10.95	ppb
Sodium	23-2	6940745.38	6823349.32	6596622.77	6786905.82	2.58	ppb
Strontium	86-1	4822.64	4893.76	4778.18	4831.53	1.21	ppb
Strontium	88-1	4839.31	4911.11	4794.15	4848.19	1.22	ppb
Sulfur	34-1	447549.25	451397.95	439916.96	446288.05	1.31	ppb
Terbium	159-1				72		%
Terbium	159-2				72		%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.01	0.00	0.01	0.01	21.64	ppb
Tin	118-1	0.68	0.62	0.50	0.60	15.74	ppb
Titanium	47-1	29.61	30.53	28.80	29.65	2.91	ppb
Uranium	238-1	2.05	2.07	2.06	2.06	0.58	ppb
Vanadium	51-2	4.01	4.07	3.90	3.99	2.14	ppb
Yttrium	89-1				73		%
Yttrium	89-2				78		%
Zinc	66-2	10.04	10.49	9.64	10.06	4.28	ppb
Zirconium	90-1	0.23	0.22	0.22	0.22	3.74	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-22	Instrumnet Name :	P7
Client Sample ID :	MA4YY3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:49:53	DataFile Name :	036SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.23	0.23	0.25	0.24	5.65	ppb

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-23 Instrumnet Name : P7
 Client Sample ID : MA4YY4 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 15:53:29 DataFile Name : 037SMPL_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	60.85	58.24	61.57	60.22	2.91	ppb
Antimony	121-1	0.72	0.65	0.65	0.67	5.89	ppb
Arsenic	75-2	2.34	1.52	1.84	1.90	21.67	ppb
Barium	135-1	24.62	23.07	24.58	24.09	3.65	ppb
Barium	137-1	24.54	23.57	24.30	24.13	2.08	ppb
Beryllium	9-1	0.10	0.09	0.10	0.10	6.41	ppb
Bismuth	209-1				64		%
Bismuth	209-2				62		%
Boron	10-1	2119.46	2087.06	2165.68	2124.07	1.86	ppb
Boron	11-1	2283.26	2236.28	2331.36	2283.63	2.08	ppb
Cadmium	111-1	0.07	0.09	0.25	0.14	71.04	ppb
Cadmium	106-1	-0.18	-0.62	1.15	0.12	801.32	ppb
Cadmium	108-1	0.39	0.29	0.14	0.27	45.42	ppb
Calcium	43-1	224718.23	218017.89	222681.17	221805.76	1.55	ppb
Calcium	44-1	226828.32	220014.50	225367.52	224070.11	1.60	ppb
Chromium	52-2	3.60	3.55	3.78	3.64	3.28	ppb
Cobalt	59-2	0.31	0.28	0.27	0.29	8.11	ppb
Copper	63-2	5.49	5.46	5.13	5.36	3.79	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				79		%
Holmium	165-2				74		%
Indium	115-1				74		%
Indium	115-2				74		%
Iron	56-2	237.19	230.34	235.13	234.22	1.50	ppb
Iron	57-2	445.42	438.79	449.03	444.41	1.17	ppb
Lead	206-1	1.32	1.31	1.36	1.33	2.19	ppb
Lead	207-1	1.12	1.21	1.12	1.15	4.70	ppb
Lead	208-1	1.22	1.19	1.20	1.20	1.41	ppb
Lithium	6-1				93		%
Magnesium	24-2	671913.46	652543.59	666163.26	663540.10	1.50	ppb
Manganese	55-2	311.10	306.57	309.90	309.19	0.76	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-23	Instrumnet Name :	P7
Client Sample ID :	MA4YY4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:53:29	DataFile Name :	037SMPL_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.02	3.81	4.39	4.08	7.22	ppb
Molybdenum	95-1	6.36	6.45	6.42	6.41	0.70	ppb
Molybdenum	96-1	5.45	5.48	5.31	5.41	1.73	ppb
Molybdenum	97-1	8.50	8.71	9.11	8.78	3.54	ppb
Molybdenum	98-1	5.80	5.94	5.88	5.87	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.45	2.04	2.35	2.28	9.46	ppb
Phosphorus	31-2	101.58	113.48	131.38	115.48	12.99	ppb
Potassium	39-2	210726.35	205192.33	211161.70	209026.79	1.59	ppb
Rhodium	103-1				71		%
Rhodium	103-2				69		%
Scandium	45-1				87		%
Scandium	45-2				85		%
Selenium	77-2	5.74	16.78	5.42	9.32	69.46	ppb
Selenium	78-2	4.09	1.47	2.89	2.82	46.69	ppb
Selenium	82-1	-214.89	-240.04	-270.97	-241.97		ppb
Silicon	28-1	8113.82	7188.40	7400.40	7567.54	6.41	ppb
Silver	109-1	0.29	0.27	0.25	0.27	7.47	ppb
Silver	107-1	0.30	0.31	0.27	0.29	5.82	ppb
Sodium	23-2	5714134.23	5562499.22	5668680.36	5648437.94	1.38	ppb
Strontium	86-1	4112.41	3968.78	4082.13	4054.44	1.87	ppb
Strontium	88-1	4115.66	4009.57	4087.04	4070.75	1.35	ppb
Sulfur	34-1	383609.53	370808.26	380243.53	378220.44	1.75	ppb
Terbium	159-1				78		%
Terbium	159-2				74		%
Thallium	203-1	-0.03	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.01	-0.01	0.00	0.00		ppb
Tin	118-1	0.43	0.43	0.37	0.41	7.81	ppb
Titanium	47-1	11.14	11.84	13.21	12.06	8.75	ppb
Uranium	238-1	2.02	1.80	1.91	1.91	5.69	ppb
Vanadium	51-2	2.51	2.47	2.70	2.56	4.90	ppb
Yttrium	89-1				81		%
Yttrium	89-2				81		%
Zinc	66-2	9.66	9.17	9.19	9.34	3.00	ppb
Zirconium	90-1	0.10	0.07	0.08	0.08	13.22	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-23	Instrumnet Name :	P7
Client Sample ID :	MA4YY4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:53:29	DataFile Name :	037SMPL_P7121217 M6

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.11	0.08	0.05	0.08	44.18	ppb

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-24 Instrumnet Name : P7
 Client Sample ID : MA4YY5 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 15:57:04 DataFile Name : 038SMPL_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53.70	68.13	50.10	57.31	16.65	ppb
Antimony	121-1	0.69	0.75	0.73	0.72	4.35	ppb
Arsenic	75-2	1.70	1.92	1.65	1.76	8.27	ppb
Barium	135-1	23.58	24.15	24.79	24.17	2.50	ppb
Barium	137-1	23.41	23.79	24.20	23.80	1.65	ppb
Beryllium	9-1	0.08	0.08	0.08	0.08	4.03	ppb
Bismuth	209-1				68		%
Bismuth	209-2				68		%
Boron	10-1	2024.13	2078.63	2090.28	2064.35	1.71	ppb
Boron	11-1	2188.75	2233.61	2249.59	2223.99	1.42	ppb
Cadmium	111-1	-0.07	-0.05	-0.10	-0.07		ppb
Cadmium	106-1	-1.32	-1.44	-2.85	-1.87		ppb
Cadmium	108-1	0.64	0.41	0.60	0.55	22.21	ppb
Calcium	43-1	211110.50	217486.62	213405.52	214000.88	1.51	ppb
Calcium	44-1	213417.97	218793.48	216456.83	216222.76	1.25	ppb
Chromium	52-2	0.81	0.81	0.79	0.80	1.25	ppb
Cobalt	59-2	0.33	0.25	0.24	0.27	18.46	ppb
Copper	63-2	4.41	4.48	4.48	4.46	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				84		%
Holmium	165-2				82		%
Indium	115-1				80		%
Indium	115-2				81		%
Iron	56-2	213.27	216.43	213.40	214.37	0.83	ppb
Iron	57-2	437.30	433.97	446.31	439.19	1.45	ppb
Lead	206-1	1.09	1.19	1.00	1.10	8.45	ppb
Lead	207-1	0.99	1.05	1.02	1.02	3.12	ppb
Lead	208-1	1.06	1.09	1.00	1.05	4.04	ppb
Lithium	6-1				99		%
Magnesium	24-2	641622.25	648618.50	644336.46	644859.07	0.55	ppb
Manganese	55-2	308.71	315.16	314.03	312.63	1.10	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-24	Instrumnet Name :	P7
Client Sample ID :	MA4YY5	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:57:04	DataFile Name :	038SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.22	3.97	4.08	4.09	3.05	ppb
Molybdenum	95-1	5.95	6.39	6.28	6.21	3.72	ppb
Molybdenum	96-1	5.35	5.26	5.53	5.38	2.57	ppb
Molybdenum	97-1	8.31	8.26	7.93	8.17	2.52	ppb
Molybdenum	98-1	5.29	5.64	5.72	5.55	4.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.98	0.92	1.02	0.97	5.27	ppb
Phosphorus	31-2	131.68	117.35	166.30	138.44	18.18	ppb
Potassium	39-2	203494.14	205882.71	204043.25	204473.37	0.61	ppb
Rhodium	103-1				76		%
Rhodium	103-2				77		%
Scandium	45-1				94		%
Scandium	45-2				96		%
Selenium	77-2	6.70	9.91	17.13	11.24	47.53	ppb
Selenium	78-2	2.02	0.59	5.24	2.62	91.03	ppb
Selenium	82-1	-206.63	-252.99	-298.20	-252.60		ppb
Silicon	28-1	6876.77	6869.93	6415.35	6720.68	3.93	ppb
Silver	109-1	0.24	0.18	0.18	0.20	14.56	ppb
Silver	107-1	0.23	0.23	0.18	0.21	13.59	ppb
Sodium	23-2	5474850.68	5544171.85	5515332.57	5511451.70	0.63	ppb
Strontium	86-1	3867.54	3931.10	3938.75	3912.47	1.00	ppb
Strontium	88-1	3892.41	3973.84	3958.97	3941.74	1.10	ppb
Sulfur	34-1	359835.71	369518.62	365290.13	364881.49	1.33	ppb
Terbium	159-1				84		%
Terbium	159-2				82		%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	0.00	-0.01		ppb
Tin	118-1	0.36	0.28	0.36	0.33	14.42	ppb
Titanium	47-1	11.32	11.45	12.38	11.72	4.95	ppb
Uranium	238-1	1.80	1.81	1.85	1.82	1.57	ppb
Vanadium	51-2	2.59	2.57	2.59	2.58	0.53	ppb
Yttrium	89-1				87		%
Yttrium	89-2				89		%
Zinc	66-2	8.56	9.26	8.90	8.91	3.90	ppb
Zirconium	90-1	0.08	0.06	0.07	0.07	10.48	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-24	Instrumnet Name :	P7
Client Sample ID :	MA4YY5	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:57:04	DataFile Name :	038SMPL_P7121217 M6

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.12	0.10	0.10	30.43	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-25	Instrumnet Name :	P7
Client Sample ID :	MA4Z09	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:00:37	DataFile Name :	039SMPL_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	57.95	39.83	42.50	46.76	20.93	ppb
Antimony	121-1	0.55	0.59	0.64	0.59	7.89	ppb
Arsenic	75-2	1.68	1.24	1.27	1.40	17.46	ppb
Barium	135-1	41.14	41.13	40.11	40.79	1.45	ppb
Barium	137-1	41.78	40.26	41.15	41.07	1.86	ppb
Beryllium	9-1	0.08	0.06	0.05	0.06	24.26	ppb
Bismuth	209-1				72		%
Bismuth	209-2				71		%
Boron	10-1	1428.69	1407.67	1408.89	1415.09	0.83	ppb
Boron	11-1	1519.10	1512.54	1511.46	1514.37	0.27	ppb
Cadmium	111-1	0.34	0.31	0.00	0.22	85.67	ppb
Cadmium	106-1	3.02	2.21	-1.31	1.31	176.21	ppb
Cadmium	108-1	0.78	0.46	0.31	0.52	46.44	ppb
Calcium	43-1	157301.07	156722.18	153723.10	155915.45	1.23	ppb
Calcium	44-1	160147.35	159150.97	156371.16	158556.49	1.23	ppb
Chromium	52-2	0.64	0.64	0.59	0.63	4.68	ppb
Cobalt	59-2	0.51	0.48	0.48	0.49	3.65	ppb
Copper	63-2	4.74	4.01	4.16	4.30	8.90	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				88		%
Holmium	165-2				85		%
Indium	115-1				84		%
Indium	115-2				84		%
Iron	56-2	355.24	328.88	336.02	340.05	4.01	ppb
Iron	57-2	510.26	449.92	471.51	477.23	6.41	ppb
Lead	206-1	1.22	1.14	1.10	1.15	5.54	ppb
Lead	207-1	1.08	1.09	1.00	1.06	4.82	ppb
Lead	208-1	1.14	1.12	1.06	1.11	3.68	ppb
Lithium	6-1				102		%
Magnesium	24-2	435031.63	403916.28	404788.36	414578.76	4.27	ppb
Manganese	55-2	710.02	653.09	656.87	673.33	4.73	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-25	Instrumnet Name :	P7
Client Sample ID :	MA4Z09	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:00:37	DataFile Name :	039SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.94	2.93	2.65	2.84	5.64	ppb
Molybdenum	95-1	4.00	4.13	3.97	4.03	2.03	ppb
Molybdenum	96-1	3.58	3.72	3.47	3.59	3.56	ppb
Molybdenum	97-1	5.43	5.04	5.75	5.41	6.56	ppb
Molybdenum	98-1	3.87	3.65	3.81	3.78	2.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.49	1.14	0.97	1.20	22.13	ppb
Phosphorus	31-2	137.75	85.35	109.17	110.76	23.68	ppb
Potassium	39-2	138027.37	127758.11	128350.34	131378.61	4.39	ppb
Rhodium	103-1				80		%
Rhodium	103-2				80		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	77-2	5.06	9.44	9.91	8.14	32.84	ppb
Selenium	78-2	2.05	1.03	0.59	1.22	60.97	ppb
Selenium	82-1	-168.37	-193.23	-207.76	-189.79		ppb
Silicon	28-1	7472.63	7876.68	7337.64	7562.32	3.71	ppb
Silver	109-1	0.22	0.15	0.16	0.17	22.03	ppb
Silver	107-1	0.21	0.15	0.13	0.16	24.37	ppb
Sodium	23-2	3716668.13	3435467.16	3461319.08	3537818.12	4.39	ppb
Strontium	86-1	2665.59	2637.27	2595.35	2632.74	1.34	ppb
Strontium	88-1	2694.42	2675.81	2648.11	2672.78	0.87	ppb
Sulfur	34-1	246589.69	246463.47	242991.74	245348.30	0.83	ppb
Terbium	159-1				88		%
Terbium	159-2				85		%
Thallium	203-1	0.00	-0.01	-0.03	-0.01		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.21	0.32	0.19	0.24	29.30	ppb
Titanium	47-1	7.34	8.50	7.35	7.73	8.62	ppb
Uranium	238-1	1.28	1.31	1.30	1.29	1.03	ppb
Vanadium	51-2	2.12	2.00	1.87	2.00	6.27	ppb
Yttrium	89-1				91		%
Yttrium	89-2				92		%
Zinc	66-2	12.79	12.93	12.52	12.75	1.62	ppb
Zirconium	90-1	0.04	0.03	0.05	0.04	31.54	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-25	Instrumnet Name :	P7
Client Sample ID :	MA4Z09	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:00:37	DataFile Name :	039SMPL_P7121217 M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.06	0.08	0.07	15.87	ppb

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-26 Instrumnet Name : P7
 Client Sample ID : MA4Z10 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 16:04:11 DataFile Name : 040SMPL_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	129.56	137.22	136.79	134.52	3.20	ppb
Antimony	121-1	0.39	0.45	0.48	0.44	9.95	ppb
Arsenic	75-2	1.24	1.16	1.01	1.14	10.13	ppb
Barium	135-1	16.70	17.56	16.54	16.93	3.23	ppb
Barium	137-1	16.50	18.30	16.33	17.04	6.41	ppb
Beryllium	9-1	0.07	0.06	0.10	0.08	26.87	ppb
Bismuth	209-1				78		%
Bismuth	209-2				74		%
Boron	10-1	820.25	887.36	836.85	848.15	4.12	ppb
Boron	11-1	878.46	945.41	889.81	904.56	3.96	ppb
Cadmium	111-1	-0.09	-0.01	0.32	0.07	295.66	ppb
Cadmium	106-1	-1.92	-0.63	3.37	0.27	1012.88	ppb
Cadmium	108-1	0.33	0.37	0.28	0.33	13.74	ppb
Calcium	43-1	94394.93	103183.32	94515.42	97364.56	5.18	ppb
Calcium	44-1	96248.17	105402.96	96703.14	99451.42	5.19	ppb
Chromium	52-2	1.81	1.65	1.83	1.76	5.71	ppb
Cobalt	59-2	0.14	0.13	0.15	0.14	7.23	ppb
Copper	63-2	7.57	7.65	7.57	7.60	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				94		%
Holmium	165-2				87		%
Indium	115-1				90		%
Indium	115-2				87		%
Iron	56-2	341.50	348.13	353.80	347.81	1.77	ppb
Iron	57-2	432.51	435.69	448.54	438.91	1.93	ppb
Lead	206-1	1.39	1.50	1.36	1.42	5.03	ppb
Lead	207-1	1.26	1.40	1.20	1.28	8.22	ppb
Lead	208-1	1.31	1.46	1.28	1.35	7.07	ppb
Lithium	6-1				108		%
Magnesium	24-2	248160.15	249610.75	255517.82	251096.24	1.55	ppb
Manganese	55-2	55.28	55.26	56.48	55.68	1.26	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-26	Instrumnet Name :	P7
Client Sample ID :	MA4Z10	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:04:11	DataFile Name :	040SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.73	1.92	1.86	1.83	5.23	ppb
Molybdenum	95-1	2.77	3.10	2.76	2.88	6.82	ppb
Molybdenum	96-1	2.65	2.55	2.48	2.56	3.19	ppb
Molybdenum	97-1	3.46	3.96	3.80	3.74	6.79	ppb
Molybdenum	98-1	2.64	2.75	2.40	2.60	6.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.26	1.58	1.28	22.39	ppb
Phosphorus	31-2	176.68	160.15	175.01	170.61	5.33	ppb
Potassium	39-2	78298.88	78501.31	80846.27	79215.49	1.79	ppb
Rhodium	103-1				87		%
Rhodium	103-2				84		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	12.72	6.30	3.20	7.41	65.55	ppb
Selenium	78-2	1.32	-0.28	1.87	0.97	115.61	ppb
Selenium	82-1	-106.67	-125.59	-123.13	-118.47		ppb
Silicon	28-1	6032.77	7397.15	6531.12	6653.68	10.38	ppb
Silver	109-1	0.19	0.20	0.16	0.19	11.60	ppb
Silver	107-1	0.18	0.19	0.17	0.18	4.67	ppb
Sodium	23-2	2090083.72	2085202.11	2133241.96	2102842.60	1.26	ppb
Strontium	86-1	1484.13	1594.58	1441.82	1506.84	5.23	ppb
Strontium	88-1	1514.20	1633.28	1471.52	1539.67	5.44	ppb
Sulfur	34-1	141560.13	156262.51	144788.22	147536.95	5.24	ppb
Terbium	159-1				94		%
Terbium	159-2				87		%
Thallium	203-1	-0.01	-0.02	-0.01	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.01	-0.02		ppb
Tin	118-1	0.31	0.27	0.30	0.29	7.30	ppb
Titanium	47-1	11.46	13.08	12.54	12.36	6.67	ppb
Uranium	238-1	0.86	0.96	0.88	0.90	5.81	ppb
Vanadium	51-2	2.06	2.04	2.07	2.06	0.69	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	10.41	10.81	11.11	10.78	3.22	ppb
Zirconium	90-1	0.06	0.07	0.07	0.07	8.09	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-26	Instrumnet Name :	P7
Client Sample ID :	MA4Z10	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:04:11	DataFile Name :	040SMPL_P7121217 M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.07	0.09	0.08	15.42	ppb

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-27 Instrumnet Name : P7
 Client Sample ID : MA4Z11 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 16:07:44 DataFile Name : 041SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	517.03	470.88	487.99	491.97	4.74	ppb
Antimony	121-1	0.81	0.97	0.86	0.88	9.36	ppb
Arsenic	75-2	2.64	2.15	2.28	2.36	10.83	ppb
Barium	135-1	14.80	14.87	14.78	14.82	0.31	ppb
Barium	137-1	15.73	15.61	14.96	15.43	2.69	ppb
Beryllium	9-1	0.09	0.10	0.10	0.10	10.16	ppb
Bismuth	209-1				58		%
Bismuth	209-2				59		%
Boron	10-1	2455.37	2505.36	2486.52	2482.42	1.02	ppb
Boron	11-1	2662.41	2701.95	2697.65	2687.34	0.81	ppb
Cadmium	111-1	-0.11	0.14	0.24	0.09	195.73	ppb
Cadmium	106-1	-1.99	1.11	2.09	0.41	524.24	ppb
Cadmium	108-1	0.75	1.00	0.66	0.80	21.84	ppb
Calcium	43-1	257952.13	263742.23	260552.68	260749.01	1.11	ppb
Calcium	44-1	259774.51	266189.82	262550.87	262838.40	1.22	ppb
Chromium	52-2	4.60	4.39	4.53	4.51	2.39	ppb
Cobalt	59-2	0.39	0.37	0.45	0.41	10.48	ppb
Copper	63-2	14.06	13.39	13.38	13.61	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				72		%
Holmium	165-2				72		%
Indium	115-1				69		%
Indium	115-2				72		%
Iron	56-2	859.96	798.61	819.03	825.87	3.78	ppb
Iron	57-2	1150.52	1019.92	1075.73	1082.05	6.06	ppb
Lead	206-1	3.37	3.28	3.36	3.33	1.51	ppb
Lead	207-1	3.01	3.36	3.17	3.18	5.49	ppb
Lead	208-1	3.19	3.24	3.23	3.22	0.88	ppb
Lithium	6-1				90		%
Magnesium	24-2	826401.79	766084.76	783947.61	792144.72	3.91	ppb
Manganese	55-2	64.89	60.15	60.65	61.90	4.21	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-27	Instrumnet Name :	P7
Client Sample ID :	MA4Z11	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:07:44	DataFile Name :	041SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.86	5.07	4.81	4.91	2.79	ppb
Molybdenum	95-1	7.34	7.30	7.14	7.26	1.50	ppb
Molybdenum	96-1	6.39	6.68	6.43	6.50	2.41	ppb
Molybdenum	97-1	9.31	10.20	10.66	10.05	6.82	ppb
Molybdenum	98-1	6.79	6.64	6.69	6.71	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.32	0.94	0.98	1.08	19.56	ppb
Phosphorus	31-2	236.45	167.08	154.60	186.05	23.70	ppb
Potassium	39-2	263517.44	244747.78	251210.96	253158.73	3.77	ppb
Rhodium	103-1				66		%
Rhodium	103-2				68		%
Scandium	45-1				83		%
Scandium	45-2				87		%
Selenium	77-2	19.61	12.90	14.39	15.63	22.52	ppb
Selenium	78-2	3.25	2.97	2.87	3.03	6.47	ppb
Selenium	82-1	-243.73	-304.35	-336.95	-295.01		ppb
Silicon	28-1	9431.90	9619.70	9380.53	9477.38	1.33	ppb
Silver	109-1	0.24	0.18	0.17	0.20	18.74	ppb
Silver	107-1	0.22	0.22	0.15	0.19	20.88	ppb
Sodium	23-2	7084945.60	6588017.91	6765052.36	6812671.96	3.70	ppb
Strontium	86-1	4836.70	4881.63	4801.62	4839.99	0.83	ppb
Strontium	88-1	4851.51	4895.25	4809.99	4852.25	0.88	ppb
Sulfur	34-1	448551.32	461937.49	456385.23	455624.68	1.48	ppb
Terbium	159-1				72		%
Terbium	159-2				72		%
Thallium	203-1	-0.02	0.00	0.00	0.00		ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	0.66	0.63	0.64	0.64	2.53	ppb
Titanium	47-1	39.53	39.94	46.66	42.04	9.52	ppb
Uranium	238-1	2.20	2.25	2.26	2.24	1.26	ppb
Vanadium	51-2	5.56	4.88	5.28	5.24	6.53	ppb
Yttrium	89-1				76		%
Yttrium	89-2				81		%
Zinc	66-2	10.27	10.11	10.82	10.40	3.59	ppb
Zirconium	90-1	0.11	0.10	0.11	0.11	8.98	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-27	Instrumnet Name :	P7
Client Sample ID :	MA4Z11	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:07:44	DataFile Name :	041SMPL_P7121217 M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.15	0.18	0.14	0.16	11.18	ppb

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-28 Instrumnet Name : P7
 Client Sample ID : MA4Z12 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 16:11:19 DataFile Name : 042SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	303.24	313.02	286.05	300.77	4.54	ppb
Antimony	121-1	0.71	0.65	0.64	0.67	5.81	ppb
Arsenic	75-2	1.62	1.89	1.75	1.75	7.64	ppb
Barium	135-1	14.49	13.84	13.56	13.96	3.43	ppb
Barium	137-1	15.01	14.59	14.25	14.62	2.63	ppb
Beryllium	9-1	0.07	0.10	0.04	0.07	43.77	ppb
Bismuth	209-1				67		%
Bismuth	209-2				66		%
Boron	10-1	1801.27	1831.48	1804.95	1812.57	0.91	ppb
Boron	11-1	1949.65	1979.81	1941.34	1956.93	1.03	ppb
Cadmium	111-1	0.29	0.07	0.06	0.14	91.59	ppb
Cadmium	106-1	2.52	0.78	0.54	1.28	84.56	ppb
Cadmium	108-1	0.73	0.71	0.69	0.71	2.38	ppb
Calcium	43-1	188757.20	188192.46	180133.70	185694.45	2.60	ppb
Calcium	44-1	192161.57	190199.08	182069.91	188143.52	2.84	ppb
Chromium	52-2	5.51	5.10	5.38	5.33	3.89	ppb
Cobalt	59-2	0.26	0.29	0.25	0.27	8.99	ppb
Copper	63-2	15.10	15.10	15.01	15.07	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				83		%
Holmium	165-2				80		%
Indium	115-1				79		%
Indium	115-2				81		%
Iron	56-2	575.38	576.73	560.03	570.71	1.63	ppb
Iron	57-2	729.57	746.19	733.46	736.41	1.18	ppb
Lead	206-1	3.09	2.89	3.02	3.00	3.44	ppb
Lead	207-1	2.79	2.78	2.57	2.72	4.55	ppb
Lead	208-1	2.89	2.86	2.80	2.85	1.53	ppb
Lithium	6-1				98		%
Magnesium	24-2	562192.12	555859.55	545814.53	554622.07	1.49	ppb
Manganese	55-2	42.95	43.13	41.27	42.45	2.41	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-28	Instrumnet Name :	P7
Client Sample ID :	MA4Z12	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:11:19	DataFile Name :	042SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.66	3.87	3.66	3.73	3.27	ppb
Molybdenum	95-1	5.50	5.49	5.38	5.46	1.21	ppb
Molybdenum	96-1	5.18	5.04	4.56	4.92	6.63	ppb
Molybdenum	97-1	7.54	7.49	7.66	7.56	1.18	ppb
Molybdenum	98-1	5.19	4.96	4.77	4.97	4.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.27	1.20	1.27	1.24	3.38	ppb
Phosphorus	31-2	152.90	106.75	118.98	126.21	18.94	ppb
Potassium	39-2	178261.63	177217.71	173678.89	176386.08	1.36	ppb
Rhodium	103-1				76		%
Rhodium	103-2				76		%
Scandium	45-1				94		%
Scandium	45-2				96		%
Selenium	77-2	8.43	10.03	5.11	7.86	31.91	ppb
Selenium	78-2	0.92	1.73	2.36	1.67	43.43	ppb
Selenium	82-1	-231.93	-263.95	-280.78	-258.88		ppb
Silicon	28-1	8069.25	7896.97	7441.67	7802.63	4.16	ppb
Silver	109-1	0.17	0.17	0.17	0.17	2.10	ppb
Silver	107-1	0.14	0.15	0.16	0.15	6.07	ppb
Sodium	23-2	4773044.59	4756991.10	4679019.61	4736351.77	1.06	ppb
Strontium	86-1	3421.47	3416.08	3273.19	3370.25	2.50	ppb
Strontium	88-1	3458.81	3447.40	3310.01	3405.41	2.43	ppb
Sulfur	34-1	326589.67	322611.93	309638.18	319613.26	2.77	ppb
Terbium	159-1				82		%
Terbium	159-2				80		%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb
Thallium	205-1	-0.01	0.00	0.00	-0.01		ppb
Tin	118-1	0.52	0.50	0.48	0.50	4.10	ppb
Titanium	47-1	27.98	27.14	26.80	27.31	2.22	ppb
Uranium	238-1	1.71	1.71	1.65	1.69	1.97	ppb
Vanadium	51-2	3.31	3.48	3.29	3.36	2.95	ppb
Yttrium	89-1				87		%
Yttrium	89-2				89		%
Zinc	66-2	11.34	11.34	11.24	11.31	0.51	ppb
Zirconium	90-1	0.14	0.14	0.14	0.14	2.16	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-28	Instrumnet Name :	P7
Client Sample ID :	MA4Z12	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:11:19	DataFile Name :	042SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.14	0.10	0.13	0.12	18.91	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-29	Instrumnet Name :	P7
Client Sample ID :	MA4Z12D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:14:53	DataFile Name :	043SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	370.14	327.38	323.96	340.49	7.56	ppb
Antimony	121-1	0.68	0.73	0.77	0.73	6.38	ppb
Arsenic	75-2	2.10	2.37	1.93	2.13	10.62	ppb
Barium	135-1	14.52	14.69	14.89	14.70	1.25	ppb
Barium	137-1	14.93	14.28	14.62	14.61	2.24	ppb
Beryllium	9-1	0.10	0.09	0.04	0.08	41.18	ppb
Bismuth	209-1				66		%
Bismuth	209-2				60		%
Boron	10-1	1837.50	1859.53	1893.52	1863.52	1.51	ppb
Boron	11-1	1977.26	2008.72	2019.02	2001.67	1.09	ppb
Cadmium	111-1	0.03	-0.03	0.13	0.04	196.11	ppb
Cadmium	106-1	0.30	-1.17	1.17	0.10	1177.23	ppb
Cadmium	108-1	1.27	0.56	0.90	0.91	39.38	ppb
Calcium	43-1	190553.52	188917.70	195341.95	191604.39	1.74	ppb
Calcium	44-1	193130.16	191883.30	198018.76	194344.07	1.67	ppb
Chromium	52-2	6.65	5.85	6.18	6.23	6.42	ppb
Cobalt	59-2	0.39	0.27	0.29	0.31	19.67	ppb
Copper	63-2	18.32	15.81	16.02	16.72	8.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				82		%
Holmium	165-2				72		%
Indium	115-1				79		%
Indium	115-2				73		%
Iron	56-2	697.58	601.79	602.54	633.97	8.69	ppb
Iron	57-2	903.23	805.07	788.47	832.25	7.45	ppb
Lead	206-1	3.06	3.05	3.04	3.05	0.37	ppb
Lead	207-1	2.70	2.79	2.89	2.79	3.34	ppb
Lead	208-1	2.94	2.94	2.92	2.93	0.43	ppb
Lithium	6-1				99		%
Magnesium	24-2	673773.84	583979.19	585796.85	614516.63	8.35	ppb
Manganese	55-2	52.94	45.56	45.46	47.99	8.94	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-29	Instrumnet Name :	P7
Client Sample ID :	MA4Z12D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:14:53	DataFile Name :	043SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.77	3.97	4.04	3.92	3.62	ppb
Molybdenum	95-1	5.62	5.95	5.68	5.75	3.06	ppb
Molybdenum	96-1	5.02	5.03	5.10	5.05	0.87	ppb
Molybdenum	97-1	7.03	8.05	7.61	7.56	6.75	ppb
Molybdenum	98-1	5.35	5.12	5.37	5.28	2.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.07	1.70	1.69	1.82	11.96	ppb
Phosphorus	31-2	186.32	175.17	144.33	168.61	12.90	ppb
Potassium	39-2	213892.68	185866.20	187558.80	195772.56	8.03	ppb
Rhodium	103-1				76		%
Rhodium	103-2				69		%
Scandium	45-1				94		%
Scandium	45-2				86		%
Selenium	77-2	8.14	10.68	10.86	9.90	15.35	ppb
Selenium	78-2	1.38	0.74	3.20	1.77	71.80	ppb
Selenium	82-1	-237.03	-274.83	-314.59	-275.48		ppb
Silicon	28-1	7543.71	7619.10	8910.77	8024.53	9.58	ppb
Silver	109-1	0.13	0.13	0.11	0.12	11.66	ppb
Silver	107-1	0.14	0.14	0.11	0.13	12.80	ppb
Sodium	23-2	5765293.88	4996274.73	4999122.10	5253563.57	8.44	ppb
Strontium	86-1	3490.17	3452.35	3486.64	3476.38	0.60	ppb
Strontium	88-1	3513.73	3506.58	3535.20	3518.50	0.42	ppb
Sulfur	34-1	328789.28	325569.23	338921.89	331093.47	2.10	ppb
Terbium	159-1				82		%
Terbium	159-2				72		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	0.56	0.46	0.58	0.53	12.16	ppb
Titanium	47-1	28.05	28.53	29.78	28.79	3.11	ppb
Uranium	238-1	1.71	1.68	1.69	1.70	0.99	ppb
Vanadium	51-2	4.11	3.70	3.52	3.77	8.04	ppb
Yttrium	89-1				86		%
Yttrium	89-2				80		%
Zinc	66-2	13.99	12.96	12.09	13.01	7.31	ppb
Zirconium	90-1	0.10	0.14	0.12	0.12	14.70	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-29	Instrumnet Name :	P7
Client Sample ID :	MA4Z12D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:14:53	DataFile Name :	043SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.12	0.10	0.11	10.04	ppb

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-28LX5 Instrumnet Name : P7
 Client Sample ID : MA4Z12L Dilution Factor : 5
 Date & Time Acquired :: 2017-12-12 16:18:27 DataFile Name : 044SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	60.96	59.18	55.36	58.50	4.89	ppb
Antimony	121-1	0.22	0.24	0.22	0.23	5.58	ppb
Arsenic	75-2	0.46	0.59	0.43	0.50	16.68	ppb
Barium	135-1	3.02	3.01	2.84	2.96	3.39	ppb
Barium	137-1	2.86	2.75	2.83	2.82	2.05	ppb
Beryllium	9-1	0.02	0.05	0.06	0.04	43.87	ppb
Bismuth	209-1				81		%
Bismuth	209-2				78		%
Boron	10-1	397.71	404.27	401.09	401.02	0.82	ppb
Boron	11-1	418.31	429.64	426.37	424.77	1.37	ppb
Cadmium	111-1	-0.11	0.22	-0.09	0.01	2444.76	ppb
Cadmium	106-1	-1.30	2.85	-1.31	0.08	2994.03	ppb
Cadmium	108-1	0.51	0.57	0.31	0.46	29.58	ppb
Calcium	43-1	34966.96	35962.30	35943.90	35624.39	1.60	ppb
Calcium	44-1	36147.00	37093.88	37173.98	36804.95	1.55	ppb
Chromium	52-2	0.98	1.00	0.91	0.96	5.04	ppb
Cobalt	59-2	-0.03	0.00	0.02	-0.01		ppb
Copper	63-2	3.84	3.75	3.55	3.71	3.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				89		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	56-2	114.95	119.04	113.33	115.77	2.54	ppb
Iron	57-2	148.40	150.92	144.65	147.99	2.13	ppb
Lead	206-1	0.48	0.52	0.57	0.52	8.11	ppb
Lead	207-1	0.46	0.50	0.54	0.50	8.10	ppb
Lead	208-1	0.48	0.52	0.54	0.52	5.93	ppb
Lithium	6-1				109		%
Magnesium	24-2	110259.79	110574.18	108038.28	109624.08	1.26	ppb
Manganese	55-2	8.73	8.81	8.13	8.56	4.36	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-28LX5	Instrumnet Name :	P7
Client Sample ID :	MA4Z12L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-12 16:18:27	DataFile Name :	044SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.76	0.72	0.90	0.79	12.02	ppb
Molybdenum	95-1	1.07	1.00	1.03	1.03	3.38	ppb
Molybdenum	96-1	1.01	0.89	0.94	0.95	5.95	ppb
Molybdenum	97-1	1.57	1.87	1.52	1.65	11.43	ppb
Molybdenum	98-1	1.02	1.03	1.10	1.05	4.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.65	-0.52	-0.53	-0.57		ppb
Phosphorus	31-2	55.29	70.80	31.06	52.38	38.24	ppb
Potassium	39-2	34426.73	34794.03	33893.25	34371.34	1.32	ppb
Rhodium	103-1				92		%
Rhodium	103-2				89		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	77-2	1.52	0.00	0.00	0.51	173.21	ppb
Selenium	78-2	1.71	0.97	1.23	1.30	28.86	ppb
Selenium	82-1	-106.36	-109.73	-112.76	-109.62		ppb
Silicon	28-1	5006.18	4847.76	6717.92	5523.95	18.77	ppb
Silver	109-1	0.07	0.09	0.07	0.08	15.12	ppb
Silver	107-1	0.08	0.07	0.08	0.08	9.36	ppb
Sodium	23-2	934570.49	937990.82	919043.35	930534.89	1.09	ppb
Strontium	86-1	633.66	650.72	656.81	647.06	1.85	ppb
Strontium	88-1	649.42	665.68	663.56	659.55	1.34	ppb
Sulfur	34-1	85524.32	87141.28	88152.34	86939.32	1.52	ppb
Terbium	159-1				95		%
Terbium	159-2				89		%
Thallium	203-1	-0.02	-0.03	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.01	-0.02	-0.02		ppb
Tin	118-1	0.11	0.04	0.06	0.07	47.62	ppb
Titanium	47-1	5.47	5.63	6.23	5.78	6.96	ppb
Uranium	238-1	0.27	0.32	0.32	0.30	9.28	ppb
Vanadium	51-2	0.96	0.98	0.95	0.96	1.26	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	2.99	2.55	2.79	2.78	8.00	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	62.96	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-28LX5	Instrumnet Name :	P7
Client Sample ID :	MA4Z12L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-12 16:18:27	DataFile Name :	044SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	-0.02	0.04	0.01	327.55	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-30	Instrumnet Name :	P7
Client Sample ID :	MA4Z12S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:22:01	DataFile Name :	045SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2302.47	2317.82	2275.95	2298.75	0.92	ppb
Antimony	121-1	103.11	104.56	107.28	104.98	2.02	ppb
Arsenic	75-2	45.10	45.30	45.31	45.24	0.26	ppb
Barium	135-1	2137.84	2181.14	2188.98	2169.32	1.27	ppb
Barium	137-1	2144.45	2195.33	2216.57	2185.45	1.70	ppb
Beryllium	9-1	47.25	47.82	48.81	47.96	1.64	ppb
Bismuth	209-1				65		%
Bismuth	209-2				64		%
Boron	10-1	1825.53	1857.24	1903.11	1861.96	2.09	ppb
Boron	11-1	1962.18	2002.65	2046.70	2003.84	2.11	ppb
Cadmium	111-1	46.62	47.17	48.39	47.40	1.91	ppb
Cadmium	106-1	35.23	38.92	38.52	37.56	5.40	ppb
Cadmium	108-1	41.97	41.56	40.62	41.38	1.68	ppb
Calcium	43-1	193011.22	193506.20	196444.72	194320.71	0.96	ppb
Calcium	44-1	195245.86	195963.37	200699.01	197302.75	1.50	ppb
Chromium	52-2	213.19	213.45	211.05	212.56	0.62	ppb
Cobalt	59-2	495.47	499.29	493.48	496.08	0.60	ppb
Copper	63-2	253.75	257.27	251.03	254.02	1.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				81		%
Holmium	165-2				78		%
Indium	115-1				78		%
Indium	115-2				77		%
Iron	56-2	1593.21	1594.90	1583.93	1590.68	0.37	ppb
Iron	57-2	1745.99	1797.25	1764.79	1769.34	1.47	ppb
Lead	206-1	25.87	25.31	26.14	25.77	1.65	ppb
Lead	207-1	24.87	25.15	25.99	25.34	2.30	ppb
Lead	208-1	25.07	25.29	25.76	25.37	1.39	ppb
Lithium	6-1				97		%
Magnesium	24-2	570670.22	574163.81	569728.19	571520.74	0.41	ppb
Manganese	55-2	550.28	550.58	544.42	548.43	0.63	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-30	Instrumnet Name :	P7
Client Sample ID :	MA4Z12S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:22:01	DataFile Name :	045SMPL_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.11	3.77	3.92	3.93	4.34	ppb
Molybdenum	95-1	5.53	5.72	5.50	5.58	2.07	ppb
Molybdenum	96-1	5.23	5.01	5.00	5.08	2.51	ppb
Molybdenum	97-1	6.75	7.62	7.64	7.34	6.90	ppb
Molybdenum	98-1	5.23	5.24	5.63	5.37	4.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	484.67	487.80	481.32	484.60	0.67	ppb
Phosphorus	31-2	195.20	161.87	77.60	144.89	41.83	ppb
Potassium	39-2	181767.32	183827.49	182405.39	182666.73	0.58	ppb
Rhodium	103-1				75		%
Rhodium	103-2				74		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	77-2	107.98	128.78	117.53	118.10	8.82	ppb
Selenium	78-2	95.05	105.06	103.48	101.20	5.32	ppb
Selenium	82-1	-69.49	-106.87	-134.55	-103.64		ppb
Silicon	28-1	8010.75	8471.14	8757.85	8413.25	4.48	ppb
Silver	109-1	46.55	46.51	48.66	47.24	2.60	ppb
Silver	107-1	46.31	47.63	48.82	47.59	2.64	ppb
Sodium	23-2	4892284.92	4919276.95	4883942.14	4898501.33	0.38	ppb
Strontium	86-1	3506.23	3513.96	3581.95	3534.05	1.18	ppb
Strontium	88-1	3518.56	3565.45	3627.37	3570.46	1.53	ppb
Sulfur	34-1	327192.31	329389.44	339216.05	331932.60	1.93	ppb
Terbium	159-1				81		%
Terbium	159-2				77		%
Thallium	203-1	56.70	57.17	58.65	57.51	1.77	ppb
Thallium	205-1	56.56	57.67	58.77	57.66	1.92	ppb
Tin	118-1	0.57	0.48	0.57	0.54	9.73	ppb
Titanium	47-1	27.57	28.27	30.53	28.79	5.37	ppb
Uranium	238-1	1.80	1.76	1.80	1.79	1.32	ppb
Vanadium	51-2	540.40	545.69	539.59	541.90	0.61	ppb
Yttrium	89-1				85		%
Yttrium	89-2				86		%
Zinc	66-2	447.16	447.94	442.17	445.75	0.70	ppb
Zirconium	90-1	0.11	0.09	0.10	0.10	12.89	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-30	Instrumnet Name :	P7
Client Sample ID :	MA4Z12S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:22:01	DataFile Name :	045SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.20	0.10	0.14	35.25	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-31	Instrumnet Name :	P7
Client Sample ID :	MA4Z13	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:25:35	DataFile Name :	046SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63.97	58.42	61.20	61.19	4.54	ppb
Antimony	121-1	0.76	0.81	0.87	0.81	6.22	ppb
Arsenic	75-2	2.33	2.81	2.35	2.50	10.95	ppb
Barium	135-1	12.67	12.91	13.08	12.89	1.59	ppb
Barium	137-1	12.92	13.94	12.74	13.20	4.90	ppb
Beryllium	9-1	0.17	0.15	0.15	0.16	6.32	ppb
Bismuth	209-1				60		%
Bismuth	209-2				64		%
Boron	10-1	2639.01	2701.20	2725.00	2688.40	1.65	ppb
Boron	11-1	2879.53	2936.48	3006.15	2940.72	2.16	ppb
Cadmium	111-1	0.13	0.21	-0.01	0.11	102.78	ppb
Cadmium	106-1	1.10	2.65	-0.11	1.22	113.77	ppb
Cadmium	108-1	1.07	0.96	1.76	1.26	34.28	ppb
Calcium	43-1	271377.72	272548.18	275132.58	273019.49	0.70	ppb
Calcium	44-1	274492.12	276258.17	278789.89	276513.39	0.78	ppb
Chromium	52-2	1.43	1.32	1.49	1.42	6.36	ppb
Cobalt	59-2	0.14	0.12	0.08	0.11	28.83	ppb
Copper	63-2	3.75	4.02	4.06	3.94	4.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				75		%
Holmium	165-2				79		%
Indium	115-1				72		%
Indium	115-2				80		%
Iron	56-2	127.83	127.66	129.37	128.29	0.73	ppb
Iron	57-2	408.98	390.80	429.09	409.62	4.68	ppb
Lead	206-1	0.70	0.61	0.63	0.65	7.32	ppb
Lead	207-1	0.59	0.61	0.57	0.59	3.34	ppb
Lead	208-1	0.63	0.61	0.59	0.61	3.63	ppb
Lithium	6-1				92		%
Magnesium	24-2	846754.30	843460.68	855729.27	848648.08	0.75	ppb
Manganese	55-2	25.03	25.49	25.69	25.40	1.34	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-31	Instrumnet Name :	P7
Client Sample ID :	MA4Z13	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:25:35	DataFile Name :	046SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.56	5.07	5.82	5.48	6.89	ppb
Molybdenum	95-1	7.82	8.59	8.55	8.32	5.24	ppb
Molybdenum	96-1	7.14	7.16	7.01	7.10	1.17	ppb
Molybdenum	97-1	10.53	10.39	11.55	10.82	5.83	ppb
Molybdenum	98-1	7.07	7.15	7.34	7.19	1.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.36	0.32	0.18	0.29	33.62	ppb
Phosphorus	31-2	121.77	110.05	139.19	123.67	11.86	ppb
Potassium	39-2	271411.72	272090.24	275013.00	272838.32	0.70	ppb
Rhodium	103-1				69		%
Rhodium	103-2				75		%
Scandium	45-1				87		%
Scandium	45-2				97		%
Selenium	77-2	16.59	10.09	6.76	11.15	44.85	ppb
Selenium	78-2	3.37	0.63	2.62	2.21	64.31	ppb
Selenium	82-1	-325.33	-389.11	-431.68	-382.04		ppb
Silicon	28-1	9145.72	8668.15	7869.77	8561.22	7.53	ppb
Silver	109-1	0.12	0.08	0.09	0.10	19.32	ppb
Silver	107-1	0.14	0.09	0.10	0.11	21.69	ppb
Sodium	23-2	7276283.11	7275468.09	7372245.47	7307998.89	0.76	ppb
Strontium	86-1	5130.95	5194.97	5201.83	5175.92	0.76	ppb
Strontium	88-1	5144.82	5191.17	5227.73	5187.91	0.80	ppb
Sulfur	34-1	479728.85	481018.20	487930.32	482892.46	0.91	ppb
Terbium	159-1				75		%
Terbium	159-2				79		%
Thallium	203-1	0.00	-0.02	-0.02	-0.01		ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Tin	118-1	0.40	0.46	0.35	0.40	13.80	ppb
Titanium	47-1	12.92	13.35	14.58	13.62	6.35	ppb
Uranium	238-1	2.41	2.38	2.45	2.41	1.59	ppb
Vanadium	51-2	3.38	3.51	3.57	3.48	2.76	ppb
Yttrium	89-1				80		%
Yttrium	89-2				90		%
Zinc	66-2	5.47	5.10	5.06	5.21	4.30	ppb
Zirconium	90-1	0.09	0.09	0.06	0.08	19.75	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-31	Instrumnet Name :	P7
Client Sample ID :	MA4Z13	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:25:35	DataFile Name :	046SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.12	0.10	0.09	33.69	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-35	Instrumnet Name :	P7
Client Sample ID :	MA4Z37	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:29:11	DataFile Name :	047SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	83.76	77.38	83.52	81.55	4.43	ppb
Antimony	121-1	0.94	0.98	0.95	0.95	2.07	ppb
Arsenic	75-2	2.79	2.40	2.55	2.58	7.59	ppb
Barium	135-1	12.17	12.02	11.50	11.90	2.93	ppb
Barium	137-1	12.11	12.33	12.35	12.27	1.08	ppb
Beryllium	9-1	0.05	0.06	0.04	0.05	15.39	ppb
Bismuth	209-1				60		%
Bismuth	209-2				60		%
Boron	10-1	2895.00	2889.13	2903.01	2895.71	0.24	ppb
Boron	11-1	3163.97	3146.04	3163.96	3157.99	0.33	ppb
Cadmium	111-1	-0.12	0.20	-0.05	0.01	1829.69	ppb
Cadmium	106-1	-1.37	2.17	-0.23	0.19	962.43	ppb
Cadmium	108-1	1.26	1.09	1.48	1.28	15.17	ppb
Calcium	43-1	296126.60	291702.47	286420.88	291416.65	1.67	ppb
Calcium	44-1	297965.72	295550.53	288939.12	294151.79	1.59	ppb
Chromium	52-2	1.37	1.44	1.37	1.39	2.73	ppb
Cobalt	59-2	0.10	0.11	0.14	0.11	17.49	ppb
Copper	63-2	5.31	5.64	5.71	5.55	3.91	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				76		%
Holmium	165-2				74		%
Indium	115-1				73		%
Indium	115-2				75		%
Iron	56-2	146.16	149.63	151.80	149.20	1.91	ppb
Iron	57-2	431.59	450.58	443.75	441.97	2.18	ppb
Lead	206-1	0.90	0.90	0.87	0.89	2.26	ppb
Lead	207-1	0.76	0.69	0.72	0.72	4.52	ppb
Lead	208-1	0.79	0.76	0.78	0.78	2.32	ppb
Lithium	6-1				93		%
Magnesium	24-2	901658.55	919546.98	938420.49	919875.34	2.00	ppb
Manganese	55-2	21.27	21.94	21.93	21.71	1.77	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-35	Instrumnet Name :	P7
Client Sample ID :	MA4Z37	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:29:11	DataFile Name :	047SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.41	5.56	5.25	5.41	2.91	ppb
Molybdenum	95-1	8.09	8.17	8.42	8.22	2.07	ppb
Molybdenum	96-1	7.46	7.38	7.57	7.47	1.25	ppb
Molybdenum	97-1	11.75	13.03	12.95	12.58	5.72	ppb
Molybdenum	98-1	7.54	7.66	7.60	7.60	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.15	0.09	0.01	0.08	86.38	ppb
Phosphorus	31-2	124.25	196.45	148.18	156.29	23.53	ppb
Potassium	39-2	289656.51	295564.80	301717.76	295646.36	2.04	ppb
Rhodium	103-1				70		%
Rhodium	103-2				70		%
Scandium	45-1				88		%
Scandium	45-2				90		%
Selenium	77-2	10.80	25.42	12.60	16.27	48.96	ppb
Selenium	78-2	1.67	4.12	2.87	2.89	42.41	ppb
Selenium	82-1	-456.34	-522.46	-572.06	-516.95		ppb
Silicon	28-1	8579.54	8417.27	8276.62	8424.48	1.80	ppb
Silver	109-1	0.12	0.08	0.08	0.09	23.94	ppb
Silver	107-1	0.08	0.09	0.09	0.09	9.82	ppb
Sodium	23-2	7764895.91	7968975.56	8137334.25	7957068.57	2.34	ppb
Strontium	86-1	5542.32	5496.06	5496.99	5511.79	0.48	ppb
Strontium	88-1	5556.48	5518.38	5501.78	5525.55	0.51	ppb
Sulfur	34-1	524027.67	518828.17	506169.03	516341.62	1.78	ppb
Terbium	159-1				76		%
Terbium	159-2				74		%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.02	-0.01		ppb
Tin	118-1	0.45	0.55	0.48	0.49	9.64	ppb
Titanium	47-1	14.92	14.99	15.82	15.24	3.26	ppb
Uranium	238-1	2.64	2.51	2.52	2.56	2.93	ppb
Vanadium	51-2	3.64	4.03	3.96	3.88	5.36	ppb
Yttrium	89-1				81		%
Yttrium	89-2				83		%
Zinc	66-2	4.98	5.18	4.68	4.95	5.02	ppb
Zirconium	90-1	0.06	0.08	0.06	0.07	22.40	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-35	Instrumnet Name :	P7
Client Sample ID :	MA4Z37	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:29:11	DataFile Name :	047SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.11	0.15	0.07	0.11	35.66	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-36	Instrumnet Name :	P7
Client Sample ID :	MA4Z38	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:32:48	DataFile Name :	048SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55.49	67.77	50.80	58.02	15.10	ppb
Antimony	121-1	0.87	0.97	0.85	0.90	7.12	ppb
Arsenic	75-2	2.52	2.45	2.28	2.41	5.18	ppb
Barium	135-1	11.98	11.69	11.08	11.58	3.94	ppb
Barium	137-1	11.54	11.87	11.15	11.52	3.11	ppb
Beryllium	9-1	0.04	0.06	0.07	0.06	25.06	ppb
Bismuth	209-1				63		%
Bismuth	209-2				63		%
Boron	10-1	2804.91	2752.20	2777.91	2778.34	0.95	ppb
Boron	11-1	3051.74	3016.03	3027.11	3031.63	0.60	ppb
Cadmium	111-1	0.05	0.27	0.01	0.11	125.29	ppb
Cadmium	106-1	0.34	2.98	0.98	1.43	95.84	ppb
Cadmium	108-1	1.66	1.19	2.75	1.87	42.88	ppb
Calcium	43-1	284395.61	269928.57	272053.17	275459.12	2.84	ppb
Calcium	44-1	287400.18	275460.81	276111.02	279657.34	2.40	ppb
Chromium	52-2	1.25	1.30	1.15	1.23	6.18	ppb
Cobalt	59-2	0.08	0.05	0.08	0.07	21.76	ppb
Copper	63-2	4.64	4.36	4.51	4.50	3.11	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				79		%
Holmium	165-2				78		%
Indium	115-1				76		%
Indium	115-2				79		%
Iron	56-2	114.46	109.15	108.14	110.59	3.07	ppb
Iron	57-2	406.63	386.25	384.40	392.43	3.14	ppb
Lead	206-1	0.57	0.59	0.56	0.57	1.81	ppb
Lead	207-1	0.53	0.47	0.47	0.49	7.51	ppb
Lead	208-1	0.54	0.54	0.50	0.53	3.58	ppb
Lithium	6-1				95		%
Magnesium	24-2	885910.85	855034.69	854587.65	865177.73	2.08	ppb
Manganese	55-2	20.87	20.43	20.48	20.60	1.17	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-36	Instrumnet Name :	P7
Client Sample ID :	MA4Z38	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:32:48	DataFile Name :	048SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.54	5.41	5.55	5.50	1.35	ppb
Molybdenum	95-1	8.28	8.06	7.97	8.10	1.98	ppb
Molybdenum	96-1	7.38	7.14	6.83	7.12	3.83	ppb
Molybdenum	97-1	11.55	12.11	12.87	12.18	5.44	ppb
Molybdenum	98-1	7.38	7.34	7.51	7.41	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	-0.04	0.15	0.07	133.26	ppb
Phosphorus	31-2	172.54	150.21	81.63	134.79	35.15	ppb
Potassium	39-2	284582.29	275629.95	276284.76	278832.33	1.79	ppb
Rhodium	103-1				73		%
Rhodium	103-2				73		%
Scandium	45-1				92		%
Scandium	45-2				94		%
Selenium	77-2	15.66	8.47	20.47	14.87	40.64	ppb
Selenium	78-2	2.73	0.92	3.22	2.29	52.80	ppb
Selenium	82-1	-478.44	-531.84	-563.09	-524.46		ppb
Silicon	28-1	8278.96	7641.41	7533.56	7817.98	5.15	ppb
Silver	109-1	0.09	0.08	0.07	0.08	12.12	ppb
Silver	107-1	0.06	0.09	0.07	0.07	25.97	ppb
Sodium	23-2	7644651.39	7359592.39	7417998.68	7474080.82	2.01	ppb
Strontium	86-1	5284.62	5166.75	5172.60	5207.99	1.28	ppb
Strontium	88-1	5308.03	5223.69	5193.10	5241.61	1.14	ppb
Sulfur	34-1	502340.49	483963.15	488839.74	491714.46	1.94	ppb
Terbium	159-1				79		%
Terbium	159-2				78		%
Thallium	203-1	-0.01	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.01	-0.02	-0.02		ppb
Tin	118-1	0.41	0.44	0.36	0.40	10.41	ppb
Titanium	47-1	12.25	12.92	12.63	12.60	2.67	ppb
Uranium	238-1	2.43	2.33	2.36	2.37	2.27	ppb
Vanadium	51-2	3.65	3.58	3.52	3.58	1.80	ppb
Yttrium	89-1				84		%
Yttrium	89-2				88		%
Zinc	66-2	3.66	4.03	4.33	4.01	8.29	ppb
Zirconium	90-1	0.06	0.07	0.04	0.06	33.63	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-36	Instrumnet Name :	P7
Client Sample ID :	MA4Z38	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:32:48	DataFile Name :	048SMPL_P7121217 M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.08	0.06	0.08	19.42	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-37	Instrumnet Name :	P7
Client Sample ID :	MA4Z57	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:36:25	DataFile Name :	049SMPL_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	71.05	78.63	81.47	77.05	6.99	ppb
Antimony	121-1	0.80	0.77	0.90	0.82	8.61	ppb
Arsenic	75-2	2.38	2.57	3.04	2.66	12.77	ppb
Barium	135-1	12.37	12.63	13.38	12.80	4.08	ppb
Barium	137-1	13.00	12.36	13.36	12.91	3.89	ppb
Beryllium	9-1	0.06	0.06	0.07	0.06	10.63	ppb
Bismuth	209-1				64		%
Bismuth	209-2				62		%
Boron	10-1	2477.05	2526.99	2506.33	2503.46	1.00	ppb
Boron	11-1	2702.58	2727.48	2710.21	2713.42	0.47	ppb
Cadmium	111-1	0.09	0.22	0.04	0.12	78.74	ppb
Cadmium	106-1	1.10	2.51	0.85	1.49	60.26	ppb
Cadmium	108-1	1.36	1.09	1.41	1.29	13.18	ppb
Calcium	43-1	249882.28	248299.97	248914.36	249032.20	0.32	ppb
Calcium	44-1	251425.99	251482.15	252261.46	251723.20	0.19	ppb
Chromium	52-2	1.60	1.47	1.53	1.53	4.22	ppb
Cobalt	59-2	0.06	0.08	0.08	0.07	16.41	ppb
Copper	63-2	5.12	5.24	5.53	5.29	3.99	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				81		%
Holmium	165-2				76		%
Indium	115-1				77		%
Indium	115-2				76		%
Iron	56-2	150.60	150.51	157.91	153.01	2.78	ppb
Iron	57-2	380.78	392.12	431.42	401.44	6.62	ppb
Lead	206-1	0.88	0.85	0.87	0.86	1.83	ppb
Lead	207-1	0.72	0.73	0.80	0.75	5.89	ppb
Lead	208-1	0.80	0.82	0.82	0.81	1.44	ppb
Lithium	6-1				96		%
Magnesium	24-2	761760.83	761607.63	802819.75	775396.07	3.06	ppb
Manganese	55-2	26.82	26.43	27.63	26.96	2.28	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-37	Instrumnet Name :	P7
Client Sample ID :	MA4Z57	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:36:25	DataFile Name :	049SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.05	4.71	4.96	4.90	3.54	ppb
Molybdenum	95-1	7.51	7.23	7.51	7.42	2.18	ppb
Molybdenum	96-1	6.56	6.15	6.56	6.42	3.69	ppb
Molybdenum	97-1	10.75	11.12	11.00	10.96	1.74	ppb
Molybdenum	98-1	6.76	6.47	6.72	6.65	2.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.16	0.10	0.13	0.13	21.31	ppb
Phosphorus	31-2	149.88	113.75	155.73	139.79	16.26	ppb
Potassium	39-2	244339.10	244775.54	257298.81	248804.49	2.96	ppb
Rhodium	103-1				74		%
Rhodium	103-2				71		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	77-2	12.30	5.24	14.35	10.63	44.98	ppb
Selenium	78-2	3.06	1.87	2.56	2.50	24.00	ppb
Selenium	82-1	-455.25	-501.33	-539.35	-498.65		ppb
Silicon	28-1	7448.21	7678.86	8104.39	7743.82	4.30	ppb
Silver	109-1	0.06	0.07	0.05	0.06	17.46	ppb
Silver	107-1	0.06	0.09	0.09	0.08	20.17	ppb
Sodium	23-2	6568652.30	6564329.28	6927399.36	6686793.65	3.12	ppb
Strontium	86-1	4675.12	4673.73	4668.02	4672.29	0.08	ppb
Strontium	88-1	4692.25	4734.87	4719.57	4715.56	0.46	ppb
Sulfur	34-1	439467.95	438288.86	439393.03	439049.95	0.15	ppb
Terbium	159-1				81		%
Terbium	159-2				76		%
Thallium	203-1	-0.01	-0.03	-0.03	-0.02		ppb
Thallium	205-1	-0.02	-0.01	-0.02	-0.02		ppb
Tin	118-1	0.36	0.34	0.38	0.36	6.03	ppb
Titanium	47-1	11.93	12.13	12.52	12.19	2.43	ppb
Uranium	238-1	2.17	2.18	2.24	2.20	1.86	ppb
Vanadium	51-2	3.54	3.63	3.73	3.63	2.59	ppb
Yttrium	89-1				86		%
Yttrium	89-2				85		%
Zinc	66-2	5.00	5.52	6.06	5.53	9.60	ppb
Zirconium	90-1	0.06	0.07	0.03	0.05	37.65	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-37	Instrumnet Name :	P7
Client Sample ID :	MA4Z57	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:36:25	DataFile Name :	049SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.05	0.06	0.05	9.04	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-38	Instrumnet Name :	P7
Client Sample ID :	MA4Z58	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:40:01	DataFile Name :	050SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	158.12	143.93	137.08	146.37	7.33	ppb
Antimony	121-1	0.90	0.90	0.90	0.90	0.50	ppb
Arsenic	75-2	2.50	2.31	2.52	2.44	4.74	ppb
Barium	135-1	12.74	12.76	13.18	12.89	1.94	ppb
Barium	137-1	13.07	12.86	12.68	12.87	1.51	ppb
Beryllium	9-1	0.04	0.05	0.07	0.05	24.02	ppb
Bismuth	209-1				63		%
Bismuth	209-2				62		%
Boron	10-1	2711.53	2706.11	2698.83	2705.49	0.24	ppb
Boron	11-1	2940.74	2944.01	2957.26	2947.33	0.30	ppb
Cadmium	111-1	-0.08	0.15	-0.15	-0.03		ppb
Cadmium	106-1	-1.28	1.53	-2.01	-0.59		ppb
Cadmium	108-1	1.41	1.48	1.03	1.31	18.67	ppb
Calcium	43-1	271019.70	268028.25	263741.32	267596.42	1.37	ppb
Calcium	44-1	274576.49	271977.94	267623.59	271392.67	1.29	ppb
Chromium	52-2	2.87	2.85	2.64	2.79	4.69	ppb
Cobalt	59-2	0.16	0.11	0.11	0.13	22.24	ppb
Copper	63-2	9.00	9.22	8.63	8.95	3.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				80		%
Holmium	165-2				77		%
Indium	115-1				76		%
Indium	115-2				77		%
Iron	56-2	274.71	263.91	256.32	264.98	3.49	ppb
Iron	57-2	536.34	544.48	494.13	524.98	5.15	ppb
Lead	206-1	1.64	1.73	1.61	1.66	3.71	ppb
Lead	207-1	1.42	1.47	1.44	1.45	1.72	ppb
Lead	208-1	1.53	1.54	1.51	1.53	1.05	ppb
Lithium	6-1				95		%
Magnesium	24-2	860440.39	842552.99	805009.23	836000.87	3.38	ppb
Manganese	55-2	28.14	26.99	26.59	27.24	2.94	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-38	Instrumnet Name :	P7
Client Sample ID :	MA4Z58	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:40:01	DataFile Name :	050SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.27	5.17	5.00	5.15	2.59	ppb
Molybdenum	95-1	8.25	7.86	8.12	8.08	2.45	ppb
Molybdenum	96-1	6.89	6.63	6.56	6.69	2.63	ppb
Molybdenum	97-1	11.28	12.11	11.97	11.79	3.78	ppb
Molybdenum	98-1	7.14	7.26	7.29	7.23	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.40	0.28	0.09	0.26	59.60	ppb
Phosphorus	31-2	134.61	81.22	104.73	106.85	25.05	ppb
Potassium	39-2	276334.09	270407.04	259026.77	268589.30	3.27	ppb
Rhodium	103-1				73		%
Rhodium	103-2				72		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	77-2	17.58	17.47	20.88	18.64	10.39	ppb
Selenium	78-2	2.78	1.87	1.57	2.07	30.30	ppb
Selenium	82-1	-493.65	-538.57	-590.30	-540.84		ppb
Silicon	28-1	8134.06	7889.87	7762.17	7928.70	2.38	ppb
Silver	109-1	0.09	0.08	0.08	0.08	7.17	ppb
Silver	107-1	0.07	0.07	0.05	0.06	10.84	ppb
Sodium	23-2	7420995.98	7251490.65	6952896.04	7208460.89	3.29	ppb
Strontium	86-1	5127.88	5061.29	5019.56	5069.58	1.08	ppb
Strontium	88-1	5138.32	5091.98	5084.12	5104.81	0.57	ppb
Sulfur	34-1	478500.93	477361.38	471577.62	475813.31	0.78	ppb
Terbium	159-1				80		%
Terbium	159-2				77		%
Thallium	203-1	-0.01	-0.02	-0.01	-0.02		ppb
Thallium	205-1	-0.02	0.00	-0.01	-0.01		ppb
Tin	118-1	0.46	0.44	0.41	0.44	6.54	ppb
Titanium	47-1	18.08	18.07	17.54	17.90	1.73	ppb
Uranium	238-1	2.41	2.35	2.40	2.39	1.27	ppb
Vanadium	51-2	4.34	4.16	3.78	4.09	6.95	ppb
Yttrium	89-1				84		%
Yttrium	89-2				86		%
Zinc	66-2	6.27	6.61	6.21	6.37	3.36	ppb
Zirconium	90-1	0.05	0.06	0.06	0.06	10.06	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-38	Instrumnet Name :	P7
Client Sample ID :	MA4Z58	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:40:01	DataFile Name :	050SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.12	0.10	0.11	14.29	ppb

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-19DLX2 Instrumnet Name : P7
 Client Sample ID : MA4YY0 Dilution Factor : 2
 Date & Time Acquired :: 2017-12-12 16:43:37 DataFile Name : 051SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56.87	56.81	52.08	55.25	4.97	ppb
Antimony	121-1	0.55	0.62	0.54	0.57	7.70	ppb
Arsenic	75-2	1.65	1.84	1.81	1.77	5.87	ppb
Barium	135-1	12.92	12.29	11.85	12.35	4.36	ppb
Barium	137-1	12.32	12.18	12.58	12.36	1.67	ppb
Beryllium	9-1	0.02	0.04	0.04	0.04	28.40	ppb
Bismuth	209-1				70		%
Bismuth	209-2				67		%
Boron	10-1	1281.88	1324.18	1293.80	1299.95	1.68	ppb
Boron	11-1	1390.28	1424.36	1397.07	1403.90	1.28	ppb
Cadmium	111-1	-0.03	0.01	-0.04	-0.02		ppb
Cadmium	106-1	-0.04	0.14	0.10	0.07	136.27	ppb
Cadmium	108-1	0.87	0.67	0.99	0.84	19.09	ppb
Calcium	43-1	132869.82	135392.88	130771.85	133011.51	1.74	ppb
Calcium	44-1	136175.12	138807.06	134446.23	136476.14	1.61	ppb
Chromium	52-2	1.61	1.77	1.66	1.68	4.77	ppb
Cobalt	59-2	0.09	0.16	0.08	0.11	40.33	ppb
Copper	63-2	4.93	4.56	4.75	4.75	3.96	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				87		%
Holmium	165-2				81		%
Indium	115-1				83		%
Indium	115-2				82		%
Iron	56-2	106.87	109.30	106.03	107.40	1.58	ppb
Iron	57-2	231.01	236.17	254.69	240.62	5.17	ppb
Lead	206-1	2.53	2.59	2.44	2.52	3.04	ppb
Lead	207-1	2.43	2.44	2.39	2.42	1.06	ppb
Lead	208-1	2.45	2.44	2.42	2.44	0.73	ppb
Lithium	6-1				99		%
Magnesium	24-2	414028.90	414525.61	417056.17	415203.56	0.39	ppb
Manganese	55-2	91.99	92.12	91.96	92.02	0.09	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-19DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4YY0	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 16:43:37	DataFile Name :	051SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.35	2.11	2.33	2.26	5.93	ppb
Molybdenum	95-1	3.20	3.40	3.23	3.27	3.28	ppb
Molybdenum	96-1	3.06	3.02	2.82	2.96	4.33	ppb
Molybdenum	97-1	5.20	5.47	5.10	5.26	3.72	ppb
Molybdenum	98-1	2.93	2.87	2.97	2.92	1.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.42	-0.31	-0.39	-0.37		ppb
Phosphorus	31-2	165.14	132.80	141.93	146.63	11.37	ppb
Potassium	39-2	131360.93	131467.40	132853.32	131893.88	0.63	ppb
Rhodium	103-1				80		%
Rhodium	103-2				77		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	77-2	6.70	6.78	10.11	7.86	24.77	ppb
Selenium	78-2	1.74	0.08	2.60	1.47	87.07	ppb
Selenium	82-1	-296.22	-315.88	-311.71	-307.94		ppb
Silicon	28-1	7689.16	8026.26	7498.72	7738.04	3.45	ppb
Silver	109-1	0.02	0.03	0.03	0.03	27.60	ppb
Silver	107-1	0.04	0.05	0.04	0.05	14.28	ppb
Sodium	23-2	3571802.50	3573154.85	3602231.83	3582396.39	0.48	ppb
Strontium	86-1	2443.22	2456.23	2433.01	2444.15	0.48	ppb
Strontium	88-1	2489.73	2521.65	2477.16	2496.18	0.92	ppb
Sulfur	34-1	228057.46	234811.99	225782.98	229550.81	2.05	ppb
Terbium	159-1				87		%
Terbium	159-2				81		%
Thallium	203-1	-0.03	-0.03	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.02	0.00	-0.01		ppb
Tin	118-1	0.18	0.27	0.19	0.21	23.68	ppb
Titanium	47-1	7.28	7.23	6.84	7.12	3.38	ppb
Uranium	238-1	0.95	0.97	0.96	0.96	0.85	ppb
Vanadium	51-2	2.89	3.03	3.00	2.97	2.61	ppb
Yttrium	89-1				90		%
Yttrium	89-2				89		%
Zinc	66-2	4.08	3.12	3.81	3.67	13.55	ppb
Zirconium	90-1	0.08	0.06	0.08	0.08	13.03	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-19DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4YY0	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 16:43:37	DataFile Name :	051SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.05	0.11	0.07	45.33	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-20DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4YY1	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 16:47:10	DataFile Name :	052SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29.80	31.95	29.32	30.36	4.61	ppb
Antimony	121-1	0.45	0.39	0.41	0.42	8.16	ppb
Arsenic	75-2	0.52	0.58	0.49	0.53	7.99	ppb
Barium	135-1	34.45	34.12	33.26	33.94	1.81	ppb
Barium	137-1	35.33	33.50	34.06	34.29	2.73	ppb
Beryllium	9-1	0.03	0.01	0.03	0.02	53.54	ppb
Bismuth	209-1				79		%
Bismuth	209-2				77		%
Boron	10-1	585.85	582.24	588.39	585.49	0.53	ppb
Boron	11-1	611.69	613.71	620.48	615.29	0.75	ppb
Cadmium	111-1	0.22	0.00	-0.06	0.05	276.15	ppb
Cadmium	106-1	2.16	-1.11	-1.37	-0.11		ppb
Cadmium	108-1	0.47	0.72	0.40	0.53	31.15	ppb
Calcium	43-1	68149.55	68170.97	67685.72	68002.08	0.40	ppb
Calcium	44-1	70424.91	70516.34	69771.52	70237.59	0.58	ppb
Chromium	52-2	0.34	0.35	0.36	0.35	1.96	ppb
Cobalt	59-2	0.12	0.12	0.09	0.11	13.15	ppb
Copper	63-2	1.46	1.39	1.51	1.45	4.17	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				95		%
Holmium	165-2				90		%
Indium	115-1				92		%
Indium	115-2				90		%
Iron	56-2	445.36	444.24	456.18	448.59	1.47	ppb
Iron	57-2	504.27	520.63	509.89	511.60	1.63	ppb
Lead	206-1	0.55	0.55	0.52	0.54	2.79	ppb
Lead	207-1	0.51	0.49	0.48	0.50	3.32	ppb
Lead	208-1	0.53	0.50	0.51	0.51	2.29	ppb
Lithium	6-1				106		%
Magnesium	24-2	172238.53	171436.77	174405.17	172693.49	0.89	ppb
Manganese	55-2	208.32	206.66	210.74	208.57	0.98	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-20DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4YY1	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 16:47:10	DataFile Name :	052SMPL_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.89	0.89	0.92	0.90	2.10	ppb
Molybdenum	95-1	1.36	1.40	1.32	1.36	2.90	ppb
Molybdenum	96-1	1.36	1.12	1.23	1.23	9.66	ppb
Molybdenum	97-1	2.29	2.03	2.08	2.13	6.47	ppb
Molybdenum	98-1	1.33	1.24	1.28	1.28	3.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.22	-0.27	-0.28	-0.26		ppb
Phosphorus	31-2	83.92	101.65	49.64	78.40	33.72	ppb
Potassium	39-2	53729.70	53482.98	54615.36	53942.68	1.10	ppb
Rhodium	103-1				89		%
Rhodium	103-2				87		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	0.00	10.82	6.23	5.69	95.56	ppb
Selenium	78-2	0.98	0.73	1.01	0.90	16.90	ppb
Selenium	82-1	-162.17	-165.72	-165.19	-164.36		ppb
Silicon	28-1	7127.33	7224.21	7142.99	7164.85	0.73	ppb
Silver	109-1	0.05	0.04	0.07	0.05	23.36	ppb
Silver	107-1	0.06	0.02	0.04	0.04	44.32	ppb
Sodium	23-2	1454922.18	1449990.87	1469347.32	1458086.79	0.69	ppb
Strontium	86-1	1067.61	1062.01	1058.64	1062.75	0.43	ppb
Strontium	88-1	1091.04	1094.92	1089.90	1091.95	0.24	ppb
Sulfur	34-1	131328.24	130818.13	129802.79	130649.72	0.59	ppb
Terbium	159-1				95		%
Terbium	159-2				89		%
Thallium	203-1	-0.02	-0.01	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.01	-0.02	-0.01		ppb
Tin	118-1	0.12	0.17	0.15	0.15	19.16	ppb
Titanium	47-1	3.95	3.93	3.81	3.90	1.94	ppb
Uranium	238-1	0.29	0.30	0.27	0.29	3.73	ppb
Vanadium	51-2	1.28	1.21	1.28	1.26	3.37	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	6.44	7.50	6.46	6.80	8.90	ppb
Zirconium	90-1	0.00	0.02	0.00	0.01	114.25	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-20DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4YY1	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 16:47:10	DataFile Name :	052SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	-0.02	0.05	0.03	128.58	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-21DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4YY2	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 16:50:44	DataFile Name :	053SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	161.60	155.69	151.82	156.37	3.15	ppb
Antimony	121-1	0.47	0.40	0.39	0.42	10.72	ppb
Arsenic	75-2	1.19	0.81	1.03	1.01	18.81	ppb
Barium	135-1	30.60	30.66	31.10	30.79	0.87	ppb
Barium	137-1	31.96	31.25	30.46	31.22	2.40	ppb
Beryllium	9-1	0.01	0.03	0.04	0.03	53.62	ppb
Bismuth	209-1				78		%
Bismuth	209-2				75		%
Boron	10-1	689.82	703.81	692.40	695.34	1.07	ppb
Boron	11-1	723.81	743.23	731.95	733.00	1.33	ppb
Cadmium	111-1	0.08	-0.01	-0.26	-0.06		ppb
Cadmium	106-1	0.20	0.07	-3.00	-0.91		ppb
Cadmium	108-1	0.47	1.18	1.04	0.90	41.65	ppb
Calcium	43-1	74849.48	77099.78	73665.48	75204.91	2.32	ppb
Calcium	44-1	77188.73	79192.83	75691.46	77357.67	2.27	ppb
Chromium	52-2	0.96	0.97	0.87	0.93	5.78	ppb
Cobalt	59-2	0.18	0.16	0.16	0.17	5.58	ppb
Copper	63-2	3.11	3.19	3.11	3.14	1.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				89		%
Indium	115-1				91		%
Indium	115-2				90		%
Iron	56-2	1698.80	1707.59	1729.60	1712.00	0.93	ppb
Iron	57-2	1721.91	1771.95	1788.14	1760.67	1.96	ppb
Lead	206-1	3.95	4.07	3.93	3.98	1.88	ppb
Lead	207-1	3.52	3.77	3.66	3.65	3.40	ppb
Lead	208-1	3.79	3.84	3.76	3.80	1.07	ppb
Lithium	6-1				104		%
Magnesium	24-2	206160.19	206495.40	210240.20	207631.93	1.09	ppb
Manganese	55-2	136.95	135.72	138.51	137.06	1.02	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-21DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4YY2	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 16:50:44	DataFile Name :	053SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.22	1.09	1.14	1.15	5.44	ppb
Molybdenum	95-1	1.65	1.65	1.67	1.66	0.40	ppb
Molybdenum	96-1	1.42	1.41	1.50	1.44	3.32	ppb
Molybdenum	97-1	2.03	2.02	2.15	2.06	3.58	ppb
Molybdenum	98-1	1.47	1.50	1.41	1.46	3.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.09	-0.06	-0.05		ppb
Phosphorus	31-2	156.12	196.96	206.12	186.40	14.28	ppb
Potassium	39-2	65377.92	65403.20	66379.10	65720.07	0.87	ppb
Rhodium	103-1				88		%
Rhodium	103-2				86		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	6.04	0.00	4.74	3.59	88.48	ppb
Selenium	78-2	2.95	2.06	4.20	3.07	34.98	ppb
Selenium	82-1	-121.86	-120.01	-118.04	-119.97		ppb
Silicon	28-1	7306.36	7701.73	6946.92	7318.33	5.16	ppb
Silver	109-1	0.04	0.05	0.05	0.05	9.92	ppb
Silver	107-1	0.05	0.06	0.04	0.05	25.63	ppb
Sodium	23-2	1755918.69	1763040.30	1792875.16	1770611.38	1.11	ppb
Strontium	86-1	1267.12	1279.28	1257.69	1268.03	0.85	ppb
Strontium	88-1	1297.00	1304.81	1285.57	1295.79	0.75	ppb
Sulfur	34-1	118811.52	123976.66	116797.93	119862.04	3.09	ppb
Terbium	159-1				94		%
Terbium	159-2				89		%
Thallium	203-1	-0.01	-0.02	0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Tin	118-1	0.18	0.20	0.14	0.17	18.62	ppb
Titanium	47-1	14.19	14.35	13.00	13.85	5.31	ppb
Uranium	238-1	0.35	0.38	0.37	0.37	4.86	ppb
Vanadium	51-2	2.04	2.12	2.16	2.11	2.95	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	11.20	11.58	11.99	11.59	3.44	ppb
Zirconium	90-1	0.05	0.05	0.05	0.05	4.07	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-21DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4YY2	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 16:50:44	DataFile Name :	053SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.11	0.05	0.08	44.91	ppb

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-22DLX2 Instrumnet Name : P7
 Client Sample ID : MA4YY3 Dilution Factor : 2
 Date & Time Acquired :: 2017-12-12 16:54:17 DataFile Name : 054SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	145.90	141.28	144.85	144.01	1.68	ppb
Antimony	121-1	0.54	0.51	0.55	0.53	3.42	ppb
Arsenic	75-2	1.79	1.58	1.66	1.68	6.25	ppb
Barium	135-1	13.27	14.17	12.53	13.32	6.18	ppb
Barium	137-1	13.36	12.39	12.57	12.78	4.04	ppb
Beryllium	9-1	0.05	0.06	0.01	0.04	58.21	ppb
Bismuth	209-1				70		%
Bismuth	209-2				69		%
Boron	10-1	1383.40	1354.11	1360.71	1366.07	1.13	ppb
Boron	11-1	1470.77	1448.76	1468.46	1462.66	0.83	ppb
Cadmium	111-1	-0.03	0.03	-0.01	0.00		ppb
Cadmium	106-1	-0.51	-0.04	0.25	-0.10		ppb
Cadmium	108-1	1.05	0.40	1.19	0.88	48.24	ppb
Calcium	43-1	136394.19	133177.68	130960.45	133510.77	2.05	ppb
Calcium	44-1	139064.76	136132.28	134389.44	136528.83	1.73	ppb
Chromium	52-2	0.83	0.84	0.75	0.81	6.03	ppb
Cobalt	59-2	0.16	0.16	0.15	0.16	3.62	ppb
Copper	63-2	2.95	2.92	3.11	2.99	3.54	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				86		%
Holmium	165-2				83		%
Indium	115-1				83		%
Indium	115-2				84		%
Iron	56-2	533.31	528.48	524.54	528.78	0.83	ppb
Iron	57-2	653.21	651.35	651.92	652.16	0.15	ppb
Lead	206-1	1.30	1.35	1.35	1.33	2.30	ppb
Lead	207-1	1.28	1.17	1.14	1.20	6.12	ppb
Lead	208-1	1.30	1.26	1.25	1.27	2.08	ppb
Lithium	6-1				98		%
Magnesium	24-2	403148.17	405032.73	404672.20	404284.37	0.25	ppb
Manganese	55-2	70.79	69.65	70.38	70.27	0.83	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-22DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4YY3	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 16:54:17	DataFile Name :	054SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.44	2.40	2.34	2.40	2.15	ppb
Molybdenum	95-1	3.85	3.37	3.55	3.59	6.79	ppb
Molybdenum	96-1	3.40	3.11	3.18	3.23	4.64	ppb
Molybdenum	97-1	4.77	4.49	4.57	4.61	3.17	ppb
Molybdenum	98-1	3.44	3.02	3.19	3.22	6.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.24	-0.17	-0.09	-0.17		ppb
Phosphorus	31-2	190.70	162.05	130.01	160.92	18.86	ppb
Potassium	39-2	132046.74	132430.14	132145.96	132207.62	0.15	ppb
Rhodium	103-1				79		%
Rhodium	103-2				79		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	77-2	3.27	6.52	10.11	6.63	51.56	ppb
Selenium	78-2	-0.25	-0.79	1.48	0.15	813.32	ppb
Selenium	82-1	-140.70	-143.42	-155.00	-146.38		ppb
Silicon	28-1	7668.01	7295.98	6875.70	7279.90	5.45	ppb
Silver	109-1	0.05	0.06	0.04	0.05	19.69	ppb
Silver	107-1	0.07	0.07	0.04	0.06	30.71	ppb
Sodium	23-2	3474467.85	3494088.15	3503108.27	3490554.76	0.42	ppb
Strontium	86-1	2528.29	2425.53	2441.81	2465.21	2.24	ppb
Strontium	88-1	2560.89	2465.37	2473.80	2500.02	2.12	ppb
Sulfur	34-1	239641.91	233312.66	230596.32	234516.97	1.98	ppb
Terbium	159-1				86		%
Terbium	159-2				83		%
Thallium	203-1	0.00	-0.03	-0.03	-0.02		ppb
Thallium	205-1	-0.02	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.27	0.25	0.27	0.26	4.41	ppb
Titanium	47-1	12.75	13.62	12.76	13.05	3.83	ppb
Uranium	238-1	1.03	1.04	1.01	1.03	1.21	ppb
Vanadium	51-2	2.81	2.71	2.82	2.78	2.17	ppb
Yttrium	89-1				90		%
Yttrium	89-2				91		%
Zinc	66-2	4.95	4.60	5.43	4.99	8.32	ppb
Zirconium	90-1	0.07	0.07	0.08	0.07	7.63	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-22DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4YY3	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 16:54:17	DataFile Name :	054SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.13	0.15	0.12	33.70	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCV036	Instrumnet Name :	P7
Client Sample ID :	CCV036	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 17:03:34	DataFile Name :	056CCV_P7121217 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50443.59	50384.14	50757.68	50528.47	0.40	ppb
Antimony	121-1	509.82	514.76	506.18	510.25	0.84	ppb
Arsenic	75-2	508.39	504.38	510.55	507.77	0.62	ppb
Barium	135-1	2520.98	2539.93	2486.52	2515.81	1.08	ppb
Barium	137-1	2551.13	2573.51	2506.12	2543.59	1.35	ppb
Beryllium	9-1	467.22	469.67	463.92	466.94	0.62	ppb
Bismuth	209-1				82		%
Bismuth	209-2				77		%
Boron	10-1	497.05	508.93	510.57	505.52	1.46	ppb
Boron	11-1	501.36	519.29	519.42	513.35	2.02	ppb
Cadmium	111-1	520.17	522.64	514.83	519.21	0.77	ppb
Cadmium	106-1	524.91	535.84	534.10	531.62	1.10	ppb
Cadmium	108-1	531.78	526.56	519.28	525.87	1.19	ppb
Calcium	43-1	249544.19	250615.97	248036.78	249398.98	0.52	ppb
Calcium	44-1	249623.59	253742.28	249531.52	250965.80	0.96	ppb
Chromium	52-2	511.99	513.12	515.11	513.41	0.31	ppb
Cobalt	59-2	492.98	492.03	496.31	493.77	0.46	ppb
Copper	63-2	970.44	968.74	974.93	971.37	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				87		%
Indium	115-1				89		%
Indium	115-2				84		%
Iron	56-2	126025.22	125273.45	126118.50	125805.72	0.37	ppb
Iron	57-2	122510.04	122822.08	123402.87	122911.66	0.37	ppb
Lead	206-1	516.54	530.41	514.90	520.62	1.64	ppb
Lead	207-1	510.62	522.99	515.93	516.51	1.20	ppb
Lead	208-1	513.97	525.01	515.40	518.13	1.16	ppb
Lithium	6-1				99		%
Magnesium	24-2	259293.37	258044.01	260147.32	259161.57	0.41	ppb
Manganese	55-2	1001.70	997.50	1007.34	1002.18	0.49	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCV036	Instrumnet Name :	P7
Client Sample ID :	CCV036	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 17:03:34	DataFile Name :	056CCV_P7121217 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2533.13	2556.06	2499.26	2529.48	1.13	ppb
Molybdenum	95-1	2522.97	2529.51	2493.09	2515.19	0.77	ppb
Molybdenum	96-1	2498.31	2533.28	2473.14	2501.58	1.21	ppb
Molybdenum	97-1	2507.35	2498.02	2454.14	2486.51	1.14	ppb
Molybdenum	98-1	2562.87	2564.29	2520.19	2549.12	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.47	489.47	491.76	491.57	0.41	ppb
Phosphorus	31-2	10686.00	10175.08	10303.04	10388.04	2.56	ppb
Potassium	39-2	131578.12	131952.05	132122.20	131884.13	0.21	ppb
Rhodium	103-1				86		%
Rhodium	103-2				82		%
Scandium	45-1				98		%
Scandium	45-2				93		%
Selenium	77-2	519.12	564.66	478.86	520.88	8.24	ppb
Selenium	78-2	552.04	524.99	516.55	531.19	3.49	ppb
Selenium	82-1	475.14	492.83	474.54	480.84	2.16	ppb
Silicon	28-1	4739.68	4879.94	4769.27	4796.30	1.54	ppb
Silver	109-1	519.24	519.92	513.45	517.54	0.69	ppb
Silver	107-1	518.88	520.56	516.53	518.66	0.39	ppb
Sodium	23-2	267565.41	267310.63	268430.68	267768.91	0.22	ppb
Strontium	86-1	525.16	527.41	521.88	524.82	0.53	ppb
Strontium	88-1	536.67	534.09	525.68	532.14	1.08	ppb
Sulfur	34-1	15328.13	15454.68	15005.24	15262.68	1.52	ppb
Terbium	159-1				93		%
Terbium	159-2				86		%
Thallium	203-1	516.54	523.78	517.51	519.28	0.76	ppb
Thallium	205-1	522.04	534.14	523.70	526.63	1.24	ppb
Tin	118-1	501.80	500.47	494.90	499.06	0.73	ppb
Titanium	47-1	2495.53	2533.15	2490.73	2506.47	0.93	ppb
Uranium	238-1	524.07	530.93	516.44	523.81	1.38	ppb
Vanadium	51-2	513.34	510.18	513.81	512.44	0.39	ppb
Yttrium	89-1				94		%
Yttrium	89-2				90		%
Zinc	66-2	940.23	935.97	947.86	941.35	0.64	ppb
Zirconium	90-1	510.71	515.10	504.42	510.08	1.05	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCV036	Instrumnet Name :	P7
Client Sample ID :	CCV036	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 17:03:34	DataFile Name :	056CCV_P7121217 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	507.65	513.25	503.99	508.30	0.92	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCB036	Instrumnet Name :	P7
Client Sample ID :	CCB036	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 17:18:29	DataFile Name :	059CCBE_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.48	0.01	0.27	0.25	92.11	ppb
Antimony	121-1	0.09	0.09	0.10	0.09	4.19	ppb
Arsenic	75-2	0.07	0.04	-0.02	0.03	145.07	ppb
Barium	135-1	0.00	-0.03	0.01	0.00		ppb
Barium	137-1	0.00	-0.01	0.00	0.00		ppb
Beryllium	9-1	0.16	0.17	0.13	0.15	14.24	ppb
Bismuth	209-1				89		%
Bismuth	209-2				87		%
Boron	10-1	34.98	35.15	32.79	34.31	3.83	ppb
Boron	11-1	37.22	38.33	36.69	37.41	2.23	ppb
Cadmium	111-1	-0.11	-0.12	-0.03	-0.09		ppb
Cadmium	106-1	-1.32	-1.22	-0.41	-0.98		ppb
Cadmium	108-1	0.09	0.37	0.03	0.16	112.30	ppb
Calcium	43-1	11.92	15.12	10.18	12.41	20.19	ppb
Calcium	44-1	372.70	446.60	367.04	395.45	11.23	ppb
Chromium	52-2	-0.01	-0.02	-0.01	-0.01		ppb
Cobalt	59-2	-0.03	-0.01	-0.04	-0.02		ppb
Copper	63-2	0.51	0.52	0.65	0.56	13.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				90		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	56-2	-0.11	0.17	0.22	0.09	190.78	ppb
Iron	57-2	2.73	-0.31	-2.29	0.04	5794.48	ppb
Lead	206-1	0.12	0.11	0.16	0.13	22.41	ppb
Lead	207-1	0.11	0.13	0.11	0.12	13.65	ppb
Lead	208-1	0.11	0.12	0.12	0.12	4.34	ppb
Lithium	6-1				104		%
Magnesium	24-2	-33.33	-30.58	-30.79	-31.57		ppb
Manganese	55-2	0.01	-0.01	0.10	0.04	169.05	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCB036	Instrumnet Name :	P7
Client Sample ID :	CCB036	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 17:18:29	DataFile Name :	059CCBE_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.11	0.11	0.13	0.12	6.70	ppb
Molybdenum	95-1	0.15	0.13	0.09	0.12	25.29	ppb
Molybdenum	96-1	0.09	0.09	0.07	0.09	16.92	ppb
Molybdenum	97-1	0.12	0.11	0.08	0.11	19.24	ppb
Molybdenum	98-1	0.10	0.14	0.07	0.10	36.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.38	-0.45	-0.47	-0.43		ppb
Phosphorus	31-2	15.47	33.26	16.86	21.86	45.27	ppb
Potassium	39-2	121.40	145.27	138.83	135.17	9.13	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	6.18	6.46	4.81	5.82	15.16	ppb
Selenium	78-2	7.43	7.30	7.24	7.32	1.39	ppb
Selenium	82-1	-0.99	-0.59	-0.33	-0.63		ppb
Silicon	28-1	4309.89	5165.21	4240.90	4572.00	11.26	ppb
Silver	109-1	0.02	0.01	0.01	0.01	24.60	ppb
Silver	107-1	0.02	0.04	0.02	0.03	39.89	ppb
Sodium	23-2	3160.57	3360.11	3283.78	3268.15	3.08	ppb
Strontium	86-1	0.16	0.01	0.01	0.06	151.55	ppb
Strontium	88-1	0.01	0.01	0.02	0.01	22.38	ppb
Sulfur	34-1	5127.82	6877.82	5545.92	5850.52	15.62	ppb
Terbium	159-1				94		%
Terbium	159-2				90		%
Thallium	203-1	0.04	-0.01	0.01	0.01	190.54	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	13.64	ppb
Tin	118-1	0.11	0.14	0.10	0.12	19.32	ppb
Titanium	47-1	0.21	0.52	0.25	0.33	50.57	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.08	0.10	0.08	0.09	9.97	ppb
Yttrium	89-1				96		%
Yttrium	89-2				95		%
Zinc	66-2	0.69	0.50	0.47	0.55	22.01	ppb
Zirconium	90-1	0.01	0.03	0.03	0.02	46.34	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCB036	Instrumnet Name :	P7
Client Sample ID :	CCB036	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 17:18:29	DataFile Name :	059CCBE_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.03	0.05	0.02	124.00	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-23DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4YY4	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:22:01	DataFile Name :	060SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29.84	30.24	32.79	30.95	5.17	ppb
Antimony	121-1	0.61	0.50	0.49	0.53	12.34	ppb
Arsenic	75-2	1.07	0.79	1.12	0.99	17.80	ppb
Barium	135-1	12.67	13.21	12.39	12.76	3.24	ppb
Barium	137-1	12.50	12.55	12.50	12.52	0.22	ppb
Beryllium	9-1	0.15	0.13	0.17	0.15	11.88	ppb
Bismuth	209-1				70		%
Bismuth	209-2				68		%
Boron	10-1	1071.26	1112.69	1110.79	1098.25	2.13	ppb
Boron	11-1	1131.74	1189.67	1189.64	1170.35	2.86	ppb
Cadmium	111-1	0.08	0.04	0.23	0.11	91.23	ppb
Cadmium	106-1	0.41	0.21	2.31	0.98	118.77	ppb
Cadmium	108-1	0.60	0.76	0.19	0.52	56.26	ppb
Calcium	43-1	110527.43	115240.81	115966.28	113911.51	2.59	ppb
Calcium	44-1	112339.88	117230.28	118307.93	115959.36	2.74	ppb
Chromium	52-2	1.68	1.91	1.97	1.85	8.26	ppb
Cobalt	59-2	0.11	0.14	0.12	0.12	11.11	ppb
Copper	63-2	3.00	2.80	2.98	2.93	3.66	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				85		%
Holmium	165-2				82		%
Indium	115-1				81		%
Indium	115-2				82		%
Iron	56-2	121.45	120.00	123.62	121.69	1.50	ppb
Iron	57-2	231.46	240.10	235.88	235.81	1.83	ppb
Lead	206-1	0.64	0.73	0.66	0.68	7.51	ppb
Lead	207-1	0.57	0.57	0.62	0.59	5.01	ppb
Lead	208-1	0.64	0.65	0.62	0.64	2.54	ppb
Lithium	6-1				97		%
Magnesium	24-2	340411.62	337756.35	349810.72	342659.56	1.85	ppb
Manganese	55-2	160.47	159.81	163.60	161.29	1.26	ppb

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-23DLX2 Instrumnet Name : P7
 Client Sample ID : MA4YY4 Dilution Factor : 2
 Date & Time Acquired :: 2017-12-12 17:22:01 DataFile Name : 060SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.60	2.27	2.65	2.51	8.32	ppb
Molybdenum	95-1	3.00	3.51	3.20	3.24	7.93	ppb
Molybdenum	96-1	2.86	2.94	2.83	2.87	2.01	ppb
Molybdenum	97-1	3.35	3.71	3.49	3.52	5.17	ppb
Molybdenum	98-1	2.91	3.12	3.06	3.03	3.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.94	0.82	0.77	0.84	10.71	ppb
Phosphorus	31-2	130.31	68.93	87.35	95.53	32.97	ppb
Potassium	39-2	107271.55	106023.75	109853.49	107716.26	1.81	ppb
Rhodium	103-1				77		%
Rhodium	103-2				77		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	77-2	6.74	0.00	3.46	3.40	99.15	ppb
Selenium	78-2	2.32	1.22	2.99	2.18	41.19	ppb
Selenium	82-1	-15.00	-20.37	-26.55	-20.64		ppb
Silicon	28-1	6034.90	6773.49	6906.07	6571.49	7.14	ppb
Silver	109-1	0.25	0.28	0.22	0.25	11.73	ppb
Silver	107-1	0.25	0.18	0.25	0.23	18.56	ppb
Sodium	23-2	2911404.99	2870414.83	2968865.47	2916895.10	1.70	ppb
Strontium	86-1	2045.44	2105.61	2100.32	2083.79	1.60	ppb
Strontium	88-1	2069.24	2131.27	2128.17	2109.56	1.66	ppb
Sulfur	34-1	190589.54	199805.04	202080.28	197491.62	3.08	ppb
Terbium	159-1				85		%
Terbium	159-2				82		%
Thallium	203-1	0.06	0.02	0.02	0.03	70.40	ppb
Thallium	205-1	0.04	0.03	0.01	0.03	54.07	ppb
Tin	118-1	0.21	0.19	0.21	0.20	7.02	ppb
Titanium	47-1	5.87	6.37	6.06	6.10	4.07	ppb
Uranium	238-1	1.01	0.92	0.99	0.97	5.09	ppb
Vanadium	51-2	1.80	1.58	1.66	1.68	6.37	ppb
Yttrium	89-1				87		%
Yttrium	89-2				88		%
Zinc	66-2	4.42	4.25	5.08	4.59	9.51	ppb
Zirconium	90-1	0.28	0.23	0.22	0.25	12.58	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-23DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4YY4	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:22:01	DataFile Name :	060SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.39	0.30	0.19	0.29	34.61	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-24DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4YY5	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:25:35	DataFile Name :	061SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.99	28.69	28.27	27.65	5.25	ppb
Antimony	121-1	0.33	0.27	0.33	0.31	10.55	ppb
Arsenic	75-2	0.75	0.67	1.02	0.81	22.49	ppb
Barium	135-1	11.91	12.74	11.55	12.07	5.09	ppb
Barium	137-1	13.07	12.53	12.22	12.61	3.41	ppb
Beryllium	9-1	0.15	0.09	0.10	0.11	26.16	ppb
Bismuth	209-1				72		%
Bismuth	209-2				69		%
Boron	10-1	1097.31	1091.65	1078.26	1089.07	0.90	ppb
Boron	11-1	1153.45	1169.17	1159.23	1160.62	0.68	ppb
Cadmium	111-1	0.11	0.11	0.06	0.09	29.48	ppb
Cadmium	106-1	0.78	0.29	0.41	0.49	51.34	ppb
Cadmium	108-1	0.17	0.18	0.45	0.27	58.49	ppb
Calcium	43-1	112445.21	112010.23	109060.39	111171.94	1.66	ppb
Calcium	44-1	114444.89	114367.01	111792.89	113534.93	1.33	ppb
Chromium	52-2	0.40	0.44	0.45	0.43	6.13	ppb
Cobalt	59-2	0.16	0.12	0.14	0.14	11.01	ppb
Copper	63-2	2.60	2.39	2.35	2.45	5.57	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				89		%
Holmium	165-2				82		%
Indium	115-1				85		%
Indium	115-2				82		%
Iron	56-2	112.16	113.40	112.19	112.58	0.63	ppb
Iron	57-2	221.70	214.50	231.54	222.58	3.84	ppb
Lead	206-1	0.52	0.55	0.52	0.53	2.63	ppb
Lead	207-1	0.49	0.50	0.48	0.49	1.34	ppb
Lead	208-1	0.51	0.52	0.48	0.50	4.62	ppb
Lithium	6-1				101		%
Magnesium	24-2	335132.93	334858.26	337167.18	335719.46	0.38	ppb
Manganese	55-2	165.07	162.89	164.21	164.06	0.67	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-24DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4YY5	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:25:35	DataFile Name :	061SMPL_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.32	2.43	2.11	2.29	7.06	ppb
Molybdenum	95-1	3.31	3.22	3.27	3.27	1.46	ppb
Molybdenum	96-1	2.76	2.86	2.71	2.78	2.80	ppb
Molybdenum	97-1	3.71	3.94	3.67	3.78	3.91	ppb
Molybdenum	98-1	3.00	2.92	2.99	2.97	1.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	-0.17	0.01	-0.04		ppb
Phosphorus	31-2	118.99	18.25	63.47	66.90	75.42	ppb
Potassium	39-2	105866.13	106088.77	105854.23	105936.38	0.12	ppb
Rhodium	103-1				81		%
Rhodium	103-2				78		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	77-2	0.00	11.88	5.01	5.63	105.90	ppb
Selenium	78-2	2.34	0.08	1.45	1.29	88.22	ppb
Selenium	82-1	-44.87	-47.70	-52.13	-48.24		ppb
Silicon	28-1	6608.25	6590.95	6480.02	6559.74	1.06	ppb
Silver	109-1	0.10	0.08	0.09	0.09	9.33	ppb
Silver	107-1	0.08	0.08	0.07	0.08	11.42	ppb
Sodium	23-2	2852263.83	2859406.26	2860592.07	2857420.72	0.16	ppb
Strontium	86-1	2022.17	2020.68	2013.78	2018.88	0.22	ppb
Strontium	88-1	2055.36	2057.00	2032.91	2048.42	0.66	ppb
Sulfur	34-1	195431.88	195099.75	189968.81	193500.15	1.58	ppb
Terbium	159-1				88		%
Terbium	159-2				82		%
Thallium	203-1	-0.01	-0.02	-0.01	-0.02		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.14	0.20	0.19	0.18	18.98	ppb
Titanium	47-1	5.78	5.00	5.61	5.46	7.51	ppb
Uranium	238-1	0.93	0.98	0.94	0.95	2.68	ppb
Vanadium	51-2	1.81	1.70	1.67	1.73	4.23	ppb
Yttrium	89-1				91		%
Yttrium	89-2				89		%
Zinc	66-2	4.72	5.04	5.36	5.04	6.32	ppb
Zirconium	90-1	0.15	0.14	0.14	0.14	3.18	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-24DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4YY5	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:25:35	DataFile Name :	061SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.15	0.15	0.09	0.13	26.41	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-25DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z09	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:29:09	DataFile Name :	062SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.29	21.60	20.23	21.71	7.07	ppb
Antimony	121-1	0.34	0.31	0.28	0.31	10.37	ppb
Arsenic	75-2	0.85	0.71	0.71	0.76	10.33	ppb
Barium	135-1	20.18	21.07	20.78	20.67	2.20	ppb
Barium	137-1	21.01	21.25	21.12	21.13	0.58	ppb
Beryllium	9-1	0.13	0.11	0.14	0.13	14.41	ppb
Bismuth	209-1				75		%
Bismuth	209-2				74		%
Boron	10-1	733.83	746.50	758.01	746.11	1.62	ppb
Boron	11-1	773.72	795.80	798.59	789.37	1.73	ppb
Cadmium	111-1	0.04	-0.11	-0.02	-0.03		ppb
Cadmium	106-1	0.21	-2.03	-0.50	-0.77		ppb
Cadmium	108-1	0.62	0.63	0.90	0.72	21.55	ppb
Calcium	43-1	79942.45	80447.58	80708.57	80366.20	0.48	ppb
Calcium	44-1	80880.15	82803.96	81894.80	81859.64	1.18	ppb
Chromium	52-2	0.41	0.32	0.32	0.35	15.14	ppb
Cobalt	59-2	0.24	0.23	0.24	0.23	2.90	ppb
Copper	63-2	2.44	2.31	2.45	2.40	3.21	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				91		%
Holmium	165-2				87		%
Indium	115-1				87		%
Indium	115-2				87		%
Iron	56-2	185.58	177.90	176.72	180.07	2.67	ppb
Iron	57-2	278.78	251.60	276.17	268.85	5.58	ppb
Lead	206-1	0.50	0.50	0.50	0.50	0.49	ppb
Lead	207-1	0.48	0.40	0.50	0.46	11.15	ppb
Lead	208-1	0.48	0.48	0.50	0.48	2.09	ppb
Lithium	6-1				102		%
Magnesium	24-2	225560.00	215847.90	216937.43	219448.45	2.42	ppb
Manganese	55-2	371.62	354.22	354.00	359.95	2.81	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-25DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z09	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:29:09	DataFile Name :	062SMPL_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.58	1.47	1.69	1.58	6.71	ppb
Molybdenum	95-1	2.16	2.10	2.21	2.16	2.69	ppb
Molybdenum	96-1	1.89	1.82	2.05	1.92	6.25	ppb
Molybdenum	97-1	2.82	2.49	2.66	2.66	6.18	ppb
Molybdenum	98-1	1.95	1.91	2.06	1.97	3.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.45	0.27	-0.02	0.23	100.47	ppb
Phosphorus	31-2	80.75	43.58	66.16	63.49	29.50	ppb
Potassium	39-2	71420.14	68363.36	68631.06	69471.52	2.44	ppb
Rhodium	103-1				84		%
Rhodium	103-2				84		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	4.87	4.70	3.15	4.24	22.42	ppb
Selenium	78-2	1.65	-0.03	1.29	0.97	91.01	ppb
Selenium	82-1	-53.22	-54.48	-61.78	-56.49		ppb
Silicon	28-1	6927.96	7162.99	7111.10	7067.35	1.75	ppb
Silver	109-1	0.05	0.04	0.05	0.05	10.95	ppb
Silver	107-1	0.04	0.03	0.03	0.03	17.51	ppb
Sodium	23-2	1916482.57	1828517.18	1830707.21	1858568.98	2.70	ppb
Strontium	86-1	1339.95	1352.74	1346.04	1346.24	0.48	ppb
Strontium	88-1	1369.72	1387.02	1378.08	1378.28	0.63	ppb
Sulfur	34-1	129704.27	130436.09	130703.86	130281.41	0.40	ppb
Terbium	159-1				90		%
Terbium	159-2				87		%
Thallium	203-1	-0.02	-0.02	-0.01	-0.02		ppb
Thallium	205-1	-0.01	-0.01	-0.02	-0.01		ppb
Tin	118-1	0.10	0.10	0.12	0.11	8.80	ppb
Titanium	47-1	3.25	3.64	3.35	3.41	5.87	ppb
Uranium	238-1	0.64	0.64	0.65	0.64	1.30	ppb
Vanadium	51-2	1.43	1.33	1.34	1.37	3.94	ppb
Yttrium	89-1				93		%
Yttrium	89-2				95		%
Zinc	66-2	8.00	7.75	7.60	7.78	2.57	ppb
Zirconium	90-1	0.07	0.06	0.07	0.07	9.55	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-25DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z09	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:29:09	DataFile Name :	062SMPL_P7121217 M6

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.05	0.10	0.10	40.90	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-26DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z10	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:32:43	DataFile Name :	063SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	72.62	74.29	75.72	74.21	2.09	ppb
Antimony	121-1	0.24	0.24	0.20	0.23	8.89	ppb
Arsenic	75-2	0.74	0.65	0.81	0.73	11.00	ppb
Barium	135-1	8.17	8.60	8.49	8.42	2.65	ppb
Barium	137-1	9.29	9.14	8.26	8.90	6.24	ppb
Beryllium	9-1	0.10	0.10	0.14	0.11	17.68	ppb
Bismuth	209-1				80		%
Bismuth	209-2				77		%
Boron	10-1	448.32	450.66	452.71	450.56	0.49	ppb
Boron	11-1	472.99	474.16	479.84	475.66	0.77	ppb
Cadmium	111-1	0.09	0.08	-0.05	0.04	186.00	ppb
Cadmium	106-1	0.91	0.83	-0.65	0.37	239.39	ppb
Cadmium	108-1	0.41	0.58	0.16	0.38	56.35	ppb
Calcium	43-1	49996.88	48425.39	48656.90	49026.39	1.73	ppb
Calcium	44-1	51089.81	49829.29	50393.08	50437.39	1.25	ppb
Chromium	52-2	0.92	0.86	0.90	0.89	3.75	ppb
Cobalt	59-2	0.07	0.06	0.08	0.07	12.98	ppb
Copper	63-2	4.15	4.02	4.18	4.12	2.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				89		%
Indium	115-1				92		%
Indium	115-2				89		%
Iron	56-2	181.50	178.21	181.55	180.42	1.06	ppb
Iron	57-2	226.02	221.26	242.67	229.98	4.89	ppb
Lead	206-1	0.63	0.65	0.66	0.65	2.91	ppb
Lead	207-1	0.63	0.60	0.55	0.59	7.02	ppb
Lead	208-1	0.61	0.60	0.62	0.61	1.75	ppb
Lithium	6-1				106		%
Magnesium	24-2	129664.61	128411.84	130860.19	129645.54	0.94	ppb
Manganese	55-2	28.60	28.33	28.75	28.56	0.74	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-26DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z10	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:32:43	DataFile Name :	063SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.04	1.22	1.15	1.13	7.78	ppb
Molybdenum	95-1	1.58	1.62	1.43	1.54	6.51	ppb
Molybdenum	96-1	1.30	1.30	1.24	1.28	2.83	ppb
Molybdenum	97-1	1.67	1.81	1.82	1.77	4.78	ppb
Molybdenum	98-1	1.30	1.39	1.38	1.36	3.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.13	0.37	0.22	0.24	51.28	ppb
Phosphorus	31-2	76.42	78.74	47.01	67.39	26.25	ppb
Potassium	39-2	40343.24	40076.97	40912.02	40444.07	1.05	ppb
Rhodium	103-1				89		%
Rhodium	103-2				86		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	4.76	1.56	4.70	3.67	49.84	ppb
Selenium	78-2	1.58	1.53	1.54	1.55	1.59	ppb
Selenium	82-1	-42.21	-44.21	-49.54	-45.32		ppb
Silicon	28-1	6296.69	5959.19	6320.24	6192.04	3.26	ppb
Silver	109-1	0.01	0.03	0.04	0.02	48.23	ppb
Silver	107-1	0.02	0.02	0.04	0.03	42.75	ppb
Sodium	23-2	1075244.05	1067377.20	1082553.82	1075058.36	0.71	ppb
Strontium	86-1	777.84	771.73	761.69	770.42	1.06	ppb
Strontium	88-1	795.68	791.35	782.51	789.85	0.85	ppb
Sulfur	34-1	103535.05	100755.66	102595.74	102295.48	1.38	ppb
Terbium	159-1				95		%
Terbium	159-2				89		%
Thallium	203-1	-0.03	-0.03	-0.03	-0.03		ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.01		ppb
Tin	118-1	0.12	0.10	0.10	0.11	11.57	ppb
Titanium	47-1	5.88	5.60	5.84	5.77	2.67	ppb
Uranium	238-1	0.43	0.43	0.45	0.44	3.08	ppb
Vanadium	51-2	1.37	1.39	1.45	1.40	2.84	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	5.32	5.14	5.70	5.39	5.29	ppb
Zirconium	90-1	0.05	0.06	0.08	0.06	21.76	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-26DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z10	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:32:43	DataFile Name :	063SMPL_P7121217 M6

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.11	0.06	0.07	42.00	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-27DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z11	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:36:17	DataFile Name :	064SMPL_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	253.94	255.82	256.86	255.54	0.58	ppb
Antimony	121-1	0.37	0.42	0.37	0.39	7.17	ppb
Arsenic	75-2	1.15	1.37	1.51	1.34	13.49	ppb
Barium	135-1	7.79	8.11	7.50	7.80	3.87	ppb
Barium	137-1	7.80	7.51	7.71	7.67	1.90	ppb
Beryllium	9-1	0.10	0.07	0.07	0.08	19.02	ppb
Bismuth	209-1				69		%
Bismuth	209-2				67		%
Boron	10-1	1304.54	1333.90	1324.98	1321.14	1.14	ppb
Boron	11-1	1415.87	1438.85	1426.93	1427.22	0.81	ppb
Cadmium	111-1	-0.14	0.04	0.10	0.00	67606.23	ppb
Cadmium	106-1	-1.64	0.19	0.92	-0.18		ppb
Cadmium	108-1	0.81	0.56	0.68	0.68	18.56	ppb
Calcium	43-1	133799.98	137175.62	132669.28	134548.30	1.74	ppb
Calcium	44-1	136786.91	140177.25	135113.39	137359.18	1.88	ppb
Chromium	52-2	2.33	2.59	2.63	2.52	6.52	ppb
Cobalt	59-2	0.17	0.15	0.21	0.18	17.46	ppb
Copper	63-2	7.46	7.34	7.72	7.51	2.55	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				85		%
Holmium	165-2				81		%
Indium	115-1				81		%
Indium	115-2				81		%
Iron	56-2	431.00	441.05	453.89	441.98	2.60	ppb
Iron	57-2	548.90	552.37	595.66	565.64	4.61	ppb
Lead	206-1	1.68	1.69	1.65	1.67	1.49	ppb
Lead	207-1	1.48	1.50	1.54	1.51	1.90	ppb
Lead	208-1	1.58	1.56	1.59	1.58	0.93	ppb
Lithium	6-1				98		%
Magnesium	24-2	408568.98	416733.22	430519.74	418607.31	2.65	ppb
Manganese	55-2	32.58	32.00	34.13	32.90	3.35	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-27DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z11	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:36:17	DataFile Name :	064SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.62	2.38	2.54	2.52	4.81	ppb
Molybdenum	95-1	3.82	3.69	3.55	3.69	3.73	ppb
Molybdenum	96-1	3.31	3.53	3.28	3.37	4.02	ppb
Molybdenum	97-1	4.75	4.60	4.64	4.66	1.71	ppb
Molybdenum	98-1	3.55	3.66	3.32	3.51	5.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.45	0.18	0.11	0.25	72.17	ppb
Phosphorus	31-2	104.36	82.08	90.78	92.41	12.15	ppb
Potassium	39-2	128806.34	131747.77	136495.69	132349.93	2.93	ppb
Rhodium	103-1				77		%
Rhodium	103-2				76		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	77-2	6.78	3.38	12.13	7.43	59.42	ppb
Selenium	78-2	1.21	0.35	1.27	0.94	54.35	ppb
Selenium	82-1	-62.62	-80.15	-85.87	-76.21		ppb
Silicon	28-1	6972.56	7688.13	7182.59	7281.09	5.05	ppb
Silver	109-1	0.08	0.05	0.07	0.07	21.80	ppb
Silver	107-1	0.06	0.06	0.06	0.06	5.31	ppb
Sodium	23-2	3478980.08	3542676.15	3674411.87	3565356.03	2.80	ppb
Strontium	86-1	2509.32	2514.82	2442.17	2488.77	1.63	ppb
Strontium	88-1	2535.36	2550.89	2489.64	2525.29	1.26	ppb
Sulfur	34-1	240584.66	246442.44	238340.60	241789.23	1.73	ppb
Terbium	159-1				85		%
Terbium	159-2				81		%
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	0.26	0.25	0.33	0.28	15.84	ppb
Titanium	47-1	18.09	20.52	19.48	19.37	6.28	ppb
Uranium	238-1	1.19	1.08	1.09	1.12	5.05	ppb
Vanadium	51-2	3.16	3.26	3.52	3.31	5.55	ppb
Yttrium	89-1				88		%
Yttrium	89-2				88		%
Zinc	66-2	5.42	5.16	5.76	5.45	5.58	ppb
Zirconium	90-1	0.11	0.11	0.10	0.11	6.88	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-27DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z11	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:36:17	DataFile Name :	064SMPL_P7121217 M6

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.08	0.06	0.07	17.88	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-28DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z12	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:39:52	DataFile Name :	065SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	163.32	158.11	167.54	162.99	2.90	ppb
Antimony	121-1	0.30	0.30	0.31	0.31	1.67	ppb
Arsenic	75-2	1.08	0.98	1.17	1.08	8.78	ppb
Barium	135-1	7.35	7.47	7.27	7.36	1.36	ppb
Barium	137-1	7.26	7.27	7.07	7.20	1.56	ppb
Beryllium	9-1	0.08	0.08	0.10	0.08	15.99	ppb
Bismuth	209-1				71		%
Bismuth	209-2				67		%
Boron	10-1	952.80	963.93	975.89	964.21	1.20	ppb
Boron	11-1	1018.44	1021.12	1025.94	1021.84	0.37	ppb
Cadmium	111-1	0.15	-0.05	-0.10	0.00	26235.15	ppb
Cadmium	106-1	1.65	-0.55	-1.59	-0.17		ppb
Cadmium	108-1	0.59	0.66	0.25	0.50	43.22	ppb
Calcium	43-1	96529.19	95700.35	95670.03	95966.52	0.51	ppb
Calcium	44-1	98576.36	97297.64	97790.79	97888.26	0.66	ppb
Chromium	52-2	2.59	2.75	2.70	2.68	3.13	ppb
Cobalt	59-2	0.10	0.12	0.15	0.12	21.59	ppb
Copper	63-2	8.25	8.89	8.24	8.46	4.43	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				87		%
Holmium	165-2				80		%
Indium	115-1				83		%
Indium	115-2				80		%
Iron	56-2	299.50	311.45	305.80	305.58	1.96	ppb
Iron	57-2	387.42	396.54	390.95	391.64	1.17	ppb
Lead	206-1	1.45	1.51	1.53	1.50	2.55	ppb
Lead	207-1	1.46	1.31	1.21	1.32	9.43	ppb
Lead	208-1	1.41	1.36	1.38	1.38	1.60	ppb
Lithium	6-1				99		%
Magnesium	24-2	289591.57	298139.86	294631.36	294120.93	1.46	ppb
Manganese	55-2	22.20	23.36	22.40	22.65	2.72	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-28DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z12	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:39:52	DataFile Name :	065SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.15	1.97	2.31	2.14	7.84	ppb
Molybdenum	95-1	2.87	2.95	2.65	2.82	5.56	ppb
Molybdenum	96-1	2.65	2.82	2.21	2.56	12.29	ppb
Molybdenum	97-1	3.33	3.45	3.42	3.40	1.77	ppb
Molybdenum	98-1	2.50	2.62	2.64	2.58	3.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.47	0.36	0.58	0.47	22.81	ppb
Phosphorus	31-2	58.23	74.43	92.26	74.97	22.70	ppb
Potassium	39-2	91496.74	94031.84	92760.28	92762.95	1.37	ppb
Rhodium	103-1				80		%
Rhodium	103-2				76		%
Scandium	45-1				96		%
Scandium	45-2				92		%
Selenium	77-2	5.11	6.92	8.75	6.93	26.25	ppb
Selenium	78-2	1.51	1.84	2.17	1.84	17.92	ppb
Selenium	82-1	-81.34	-88.46	-97.70	-89.17		ppb
Silicon	28-1	7135.59	7150.97	7357.91	7214.82	1.72	ppb
Silver	109-1	0.04	0.06	0.05	0.05	21.47	ppb
Silver	107-1	0.05	0.04	0.05	0.05	9.25	ppb
Sodium	23-2	2452788.09	2536237.28	2498684.20	2495903.19	1.67	ppb
Strontium	86-1	1761.95	1738.25	1725.95	1742.05	1.05	ppb
Strontium	88-1	1787.98	1770.74	1779.43	1779.38	0.48	ppb
Sulfur	34-1	170581.57	168691.94	169374.09	169549.20	0.56	ppb
Terbium	159-1				87		%
Terbium	159-2				80		%
Thallium	203-1	-0.03	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.01	-0.02		ppb
Tin	118-1	0.27	0.31	0.21	0.26	20.01	ppb
Titanium	47-1	13.16	13.69	13.18	13.34	2.24	ppb
Uranium	238-1	0.91	0.83	0.84	0.86	4.93	ppb
Vanadium	51-2	2.13	2.21	2.21	2.18	2.12	ppb
Yttrium	89-1				90		%
Yttrium	89-2				87		%
Zinc	66-2	5.86	5.69	5.84	5.80	1.63	ppb
Zirconium	90-1	0.06	0.08	0.08	0.08	13.22	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-28DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z12	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:39:52	DataFile Name :	065SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.08	0.11	0.08	42.01	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-29DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z12D	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:43:26	DataFile Name :	066SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	175.18	151.68	165.54	164.13	7.20	ppb
Antimony	121-1	0.33	0.31	0.28	0.30	8.58	ppb
Arsenic	75-2	1.11	0.91	1.12	1.05	11.49	ppb
Barium	135-1	7.82	7.63	7.07	7.50	5.18	ppb
Barium	137-1	7.53	7.60	7.41	7.51	1.31	ppb
Beryllium	9-1	0.06	0.09	0.06	0.07	26.47	ppb
Bismuth	209-1				69		%
Bismuth	209-2				68		%
Boron	10-1	944.35	953.68	963.60	953.88	1.01	ppb
Boron	11-1	1000.30	1002.64	1032.52	1011.82	1.78	ppb
Cadmium	111-1	-0.10	-0.16	0.07	-0.06		ppb
Cadmium	106-1	-1.03	-1.83	0.72	-0.71		ppb
Cadmium	108-1	0.83	0.62	0.49	0.65	26.44	ppb
Calcium	43-1	95141.69	96296.51	97226.88	96221.69	1.09	ppb
Calcium	44-1	96857.20	98530.77	100050.64	98479.54	1.62	ppb
Chromium	52-2	2.94	2.76	2.73	2.81	4.11	ppb
Cobalt	59-2	0.11	0.12	0.12	0.12	6.67	ppb
Copper	63-2	8.74	8.12	8.16	8.34	4.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				84		%
Holmium	165-2				81		%
Indium	115-1				81		%
Indium	115-2				81		%
Iron	56-2	322.09	300.47	313.83	312.13	3.50	ppb
Iron	57-2	408.32	384.59	416.75	403.22	4.14	ppb
Lead	206-1	1.41	1.42	1.55	1.46	5.38	ppb
Lead	207-1	1.45	1.21	1.43	1.36	9.89	ppb
Lead	208-1	1.41	1.36	1.44	1.40	2.86	ppb
Lithium	6-1				97		%
Magnesium	24-2	297906.28	281494.46	291468.78	290289.84	2.85	ppb
Manganese	55-2	23.02	22.05	22.80	22.63	2.24	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-29DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z12D	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:43:26	DataFile Name :	066SMPL_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.10	1.91	2.31	2.11	9.62	ppb
Molybdenum	95-1	3.01	2.95	2.80	2.92	3.62	ppb
Molybdenum	96-1	2.35	2.51	2.64	2.50	5.75	ppb
Molybdenum	97-1	3.57	3.53	3.11	3.40	7.53	ppb
Molybdenum	98-1	2.61	2.66	2.55	2.61	2.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.55	0.38	0.41	0.45	20.51	ppb
Phosphorus	31-2	98.73	87.30	73.46	86.50	14.63	ppb
Potassium	39-2	94200.50	88637.57	92154.34	91664.14	3.07	ppb
Rhodium	103-1				78		%
Rhodium	103-2				78		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	77-2	8.64	5.03	5.13	6.27	32.81	ppb
Selenium	78-2	3.28	0.34	0.66	1.43	112.91	ppb
Selenium	82-1	-83.99	-96.14	-103.06	-94.40		ppb
Silicon	28-1	7524.68	8075.32	8279.37	7959.79	4.90	ppb
Silver	109-1	0.03	0.03	0.05	0.04	30.45	ppb
Silver	107-1	0.05	0.03	0.04	0.04	27.00	ppb
Sodium	23-2	2534265.56	2392862.55	2484348.25	2470492.12	2.90	ppb
Strontium	86-1	1738.32	1738.76	1772.49	1749.86	1.12	ppb
Strontium	88-1	1766.68	1769.21	1792.66	1776.19	0.81	ppb
Sulfur	34-1	167849.35	169761.36	173198.42	170269.71	1.59	ppb
Terbium	159-1				84		%
Terbium	159-2				80		%
Thallium	203-1	-0.02	-0.03	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.27	0.20	0.27	0.25	16.19	ppb
Titanium	47-1	12.28	14.15	14.19	13.54	8.08	ppb
Uranium	238-1	0.81	0.84	0.91	0.85	6.04	ppb
Vanadium	51-2	2.36	2.06	2.24	2.22	6.79	ppb
Yttrium	89-1				87		%
Yttrium	89-2				88		%
Zinc	66-2	6.46	5.49	6.17	6.04	8.23	ppb
Zirconium	90-1	0.07	0.06	0.08	0.07	14.94	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-29DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z12D	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:43:26	DataFile Name :	066SMPL_P7121217 M6

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.05	0.05	0.07	39.81	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-28LDLX10	Instrumnet Name :	P7
Client Sample ID :	MA4Z12L	Dilution Factor :	10
Date & Time Acquired ::	2017-12-12 17:46:59	DataFile Name :	067SMPL_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28.33	27.72	36.71	30.92	16.26	ppb
Antimony	121-1	0.09	0.10	0.08	0.09	8.75	ppb
Arsenic	75-2	0.16	0.31	0.29	0.25	32.66	ppb
Barium	135-1	1.25	1.34	1.42	1.33	6.29	ppb
Barium	137-1	1.59	1.43	1.34	1.46	8.83	ppb
Beryllium	9-1	0.04	0.04	0.03	0.04	16.75	ppb
Bismuth	209-1				81		%
Bismuth	209-2				79		%
Boron	10-1	225.92	222.41	227.47	225.27	1.15	ppb
Boron	11-1	235.43	238.32	238.02	237.26	0.67	ppb
Cadmium	111-1	0.04	-0.05	-0.06	-0.02		ppb
Cadmium	106-1	0.79	-0.74	-0.64	-0.20		ppb
Cadmium	108-1	0.61	0.23	0.35	0.40	49.64	ppb
Calcium	43-1	18831.06	18771.72	18668.00	18756.93	0.44	ppb
Calcium	44-1	20083.74	20047.59	19726.62	19952.65	0.99	ppb
Chromium	52-2	0.56	0.52	0.56	0.55	4.39	ppb
Cobalt	59-2	-0.03	-0.02	-0.01	-0.02		ppb
Copper	63-2	2.31	2.10	2.43	2.28	7.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				88		%
Indium	115-1				91		%
Indium	115-2				91		%
Iron	56-2	58.94	55.83	61.15	58.64	4.56	ppb
Iron	57-2	75.21	66.36	82.43	74.67	10.78	ppb
Lead	206-1	0.25	0.23	0.23	0.24	5.67	ppb
Lead	207-1	0.17	0.19	0.19	0.18	5.35	ppb
Lead	208-1	0.22	0.21	0.20	0.21	5.03	ppb
Lithium	6-1				106		%
Magnesium	24-2	56418.04	53303.00	59330.39	56350.48	5.35	ppb
Manganese	55-2	4.19	4.14	4.98	4.44	10.60	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-28LDLX10	Instrumnet Name :	P7
Client Sample ID :	MA4Z12L	Dilution Factor :	10
Date & Time Acquired ::	2017-12-12 17:46:59	DataFile Name :	067SMPL_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.34	0.46	0.34	0.38	17.47	ppb
Molybdenum	95-1	0.67	0.61	0.58	0.62	7.38	ppb
Molybdenum	96-1	0.51	0.47	0.58	0.52	11.27	ppb
Molybdenum	97-1	0.77	0.88	0.69	0.78	12.54	ppb
Molybdenum	98-1	0.47	0.50	0.62	0.53	15.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.56	-0.72	-0.59	-0.62		ppb
Phosphorus	31-2	30.45	41.59	40.93	37.66	16.59	ppb
Potassium	39-2	17647.28	16756.27	18569.26	17657.60	5.13	ppb
Rhodium	103-1				89		%
Rhodium	103-2				89		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	0.00	4.55	0.00	1.52	173.21	ppb
Selenium	78-2	-0.04	0.69	2.71	1.12	127.38	ppb
Selenium	82-1	-60.49	-55.21	-58.99	-58.23		ppb
Silicon	28-1	6552.29	6475.79	6117.23	6381.77	3.64	ppb
Silver	109-1	0.01	0.02	0.02	0.02	28.90	ppb
Silver	107-1	0.01	0.01	0.01	0.01	25.04	ppb
Sodium	23-2	479684.94	454654.90	502219.19	478853.01	4.97	ppb
Strontium	86-1	335.22	336.37	329.84	333.81	1.05	ppb
Strontium	88-1	335.86	336.87	332.32	335.02	0.71	ppb
Sulfur	34-1	51334.61	50410.97	49597.73	50447.77	1.72	ppb
Terbium	159-1				93		%
Terbium	159-2				88		%
Thallium	203-1	-0.02	-0.03	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.03	0.02	-0.01	0.01	169.79	ppb
Titanium	47-1	2.81	2.48	2.85	2.72	7.48	ppb
Uranium	238-1	0.15	0.15	0.16	0.15	1.86	ppb
Vanadium	51-2	0.67	0.53	0.80	0.66	20.08	ppb
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	1.29	1.26	0.84	1.13	22.14	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	33.26	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-28LDLX10	Instrumnet Name :	P7
Client Sample ID :	MA4Z12L	Dilution Factor :	10
Date & Time Acquired ::	2017-12-12 17:46:59	DataFile Name :	067SMPL_P7121217 M6

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.04	0.02	129.70	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-30DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z12S	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:50:33	DataFile Name :	068SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1220.81	1210.62	1263.93	1231.79	2.30	ppb
Antimony	121-1	54.85	54.87	51.86	53.86	3.22	ppb
Arsenic	75-2	23.08	23.04	24.52	23.55	3.58	ppb
Barium	135-1	1133.33	1120.16	1061.38	1104.96	3.47	ppb
Barium	137-1	1135.19	1131.50	1078.53	1115.07	2.84	ppb
Beryllium	9-1	25.45	25.62	24.79	25.29	1.75	ppb
Bismuth	209-1				71		%
Bismuth	209-2				71		%
Boron	10-1	972.79	994.49	972.87	980.05	1.28	ppb
Boron	11-1	1039.04	1057.06	1038.05	1044.72	1.02	ppb
Cadmium	111-1	25.57	24.77	24.28	24.87	2.62	ppb
Cadmium	106-1	23.52	15.80	17.18	18.83	21.84	ppb
Cadmium	108-1	21.33	23.70	21.92	22.31	5.54	ppb
Calcium	43-1	99599.08	101078.36	95167.97	98615.14	3.12	ppb
Calcium	44-1	101589.47	102966.83	98069.89	100875.40	2.50	ppb
Chromium	52-2	109.95	110.96	113.92	111.61	1.85	ppb
Cobalt	59-2	259.24	262.57	269.98	263.93	2.08	ppb
Copper	63-2	134.90	137.36	140.39	137.55	2.00	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				86		%
Holmium	165-2				84		%
Indium	115-1				83		%
Indium	115-2				84		%
Iron	56-2	830.69	843.64	857.12	843.82	1.57	ppb
Iron	57-2	942.60	923.93	956.66	941.06	1.74	ppb
Lead	206-1	13.30	13.22	12.67	13.06	2.63	ppb
Lead	207-1	12.42	13.06	12.97	12.82	2.68	ppb
Lead	208-1	12.87	13.17	12.50	12.85	2.62	ppb
Lithium	6-1				100		%
Magnesium	24-2	297775.43	299933.79	307577.72	301762.31	1.71	ppb
Manganese	55-2	283.76	290.36	295.35	289.82	2.01	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-30DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z12S	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:50:33	DataFile Name :	068SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.07	2.08	2.00	2.05	1.95	ppb
Molybdenum	95-1	2.84	3.09	2.99	2.97	4.20	ppb
Molybdenum	96-1	2.67	2.59	2.41	2.56	5.28	ppb
Molybdenum	97-1	3.38	3.27	3.36	3.34	1.79	ppb
Molybdenum	98-1	2.73	2.82	2.67	2.74	2.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	253.34	258.13	265.72	259.06	2.41	ppb
Phosphorus	31-2	95.03	67.50	99.29	87.27	19.77	ppb
Potassium	39-2	93829.84	95054.17	96880.12	95254.71	1.61	ppb
Rhodium	103-1				80		%
Rhodium	103-2				80		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	77-2	34.81	53.69	53.87	47.46	23.09	ppb
Selenium	78-2	57.92	54.66	54.29	55.62	3.59	ppb
Selenium	82-1	-2.13	-6.60	-11.86	-6.86		ppb
Silicon	28-1	7520.55	7724.56	6675.74	7306.95	7.61	ppb
Silver	109-1	25.20	25.02	23.11	24.44	4.74	ppb
Silver	107-1	25.52	25.01	23.76	24.77	3.65	ppb
Sodium	23-2	2514941.46	2544954.56	2610571.61	2556822.54	1.91	ppb
Strontium	86-1	1826.02	1835.25	1753.91	1805.06	2.47	ppb
Strontium	88-1	1842.02	1863.84	1781.49	1829.12	2.33	ppb
Sulfur	34-1	174437.97	178372.65	169539.97	174116.87	2.54	ppb
Terbium	159-1				86		%
Terbium	159-2				84		%
Thallium	203-1	29.17	29.62	28.70	29.16	1.58	ppb
Thallium	205-1	29.72	29.77	28.39	29.29	2.68	ppb
Tin	118-1	0.28	0.25	0.27	0.27	5.40	ppb
Titanium	47-1	13.11	12.95	13.50	13.19	2.15	ppb
Uranium	238-1	0.96	0.86	0.83	0.88	7.77	ppb
Vanadium	51-2	278.52	283.55	290.44	284.17	2.11	ppb
Yttrium	89-1				90		%
Yttrium	89-2				92		%
Zinc	66-2	251.94	256.70	261.48	256.71	1.86	ppb
Zirconium	90-1	0.10	0.09	0.06	0.08	23.38	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-30DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z12S	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:50:33	DataFile Name :	068SMPL_P7121217 M6

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.12	0.15	0.16	0.14	12.08	ppb

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-31DLX2 Instrumnet Name : P7
 Client Sample ID : MA4Z13 Dilution Factor : 2
 Date & Time Acquired :: 2017-12-12 17:54:07 DataFile Name : 069SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34.24	32.92	29.93	32.36	6.84	ppb
Antimony	121-1	0.35	0.35	0.40	0.37	7.79	ppb
Arsenic	75-2	1.40	1.80	1.36	1.52	16.08	ppb
Barium	135-1	6.36	6.57	6.41	6.45	1.69	ppb
Barium	137-1	6.61	6.67	6.76	6.68	1.13	ppb
Beryllium	9-1	0.04	0.10	0.11	0.09	42.86	ppb
Bismuth	209-1				66		%
Bismuth	209-2				64		%
Boron	10-1	1410.16	1425.62	1430.00	1421.93	0.73	ppb
Boron	11-1	1501.18	1511.58	1528.59	1513.79	0.91	ppb
Cadmium	111-1	0.28	-0.11	0.06	0.08	252.15	ppb
Cadmium	106-1	3.67	-1.28	1.09	1.16	213.62	ppb
Cadmium	108-1	1.02	0.50	1.18	0.90	39.32	ppb
Calcium	43-1	142014.41	140571.97	140783.22	141123.20	0.55	ppb
Calcium	44-1	143752.07	142401.95	143957.81	143370.61	0.59	ppb
Chromium	52-2	0.82	0.76	0.75	0.78	4.84	ppb
Cobalt	59-2	0.01	0.02	0.03	0.02	54.93	ppb
Copper	63-2	2.40	2.51	2.43	2.45	2.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				81		%
Holmium	165-2				77		%
Indium	115-1				78		%
Indium	115-2				77		%
Iron	56-2	67.61	66.39	65.33	66.44	1.72	ppb
Iron	57-2	197.45	208.01	193.91	199.79	3.67	ppb
Lead	206-1	0.28	0.28	0.24	0.27	8.94	ppb
Lead	207-1	0.25	0.21	0.30	0.25	17.75	ppb
Lead	208-1	0.26	0.26	0.26	0.26	0.50	ppb
Lithium	6-1				95		%
Magnesium	24-2	439945.16	447242.79	441010.21	442732.72	0.89	ppb
Manganese	55-2	13.39	13.50	13.81	13.57	1.61	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-31DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z13	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:54:07	DataFile Name :	069SMPL_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.83	2.52	2.92	2.76	7.47	ppb
Molybdenum	95-1	4.11	4.33	4.31	4.25	2.87	ppb
Molybdenum	96-1	3.55	3.59	3.52	3.55	0.95	ppb
Molybdenum	97-1	4.99	5.10	4.79	4.96	3.17	ppb
Molybdenum	98-1	3.70	3.87	3.82	3.80	2.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.18	0.37	0.20	83.14	ppb
Phosphorus	31-2	42.27	74.42	125.06	80.58	51.79	ppb
Potassium	39-2	138174.18	140966.34	139645.87	139595.46	1.00	ppb
Rhodium	103-1				74		%
Rhodium	103-2				73		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	77-2	3.55	7.16	10.58	7.10	49.57	ppb
Selenium	78-2	0.73	1.35	0.43	0.84	56.14	ppb
Selenium	82-1	-99.26	-109.15	-128.49	-112.30		ppb
Silicon	28-1	7887.51	7746.06	8006.97	7880.18	1.66	ppb
Silver	109-1	0.04	0.06	0.05	0.05	21.14	ppb
Silver	107-1	0.03	0.03	0.05	0.04	35.12	ppb
Sodium	23-2	3752548.01	3819330.17	3779133.12	3783670.43	0.89	ppb
Strontium	86-1	2641.46	2628.24	2646.15	2638.62	0.35	ppb
Strontium	88-1	2668.03	2665.48	2688.20	2673.90	0.47	ppb
Sulfur	34-1	257103.53	254697.71	258021.21	256607.49	0.67	ppb
Terbium	159-1				81		%
Terbium	159-2				77		%
Thallium	203-1	-0.02	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.02	-0.01	-0.02	-0.02		ppb
Tin	118-1	0.20	0.24	0.27	0.24	14.30	ppb
Titanium	47-1	4.72	5.32	5.39	5.14	7.18	ppb
Uranium	238-1	1.20	1.17	1.25	1.21	3.18	ppb
Vanadium	51-2	2.29	2.27	2.10	2.22	4.77	ppb
Yttrium	89-1				84		%
Yttrium	89-2				85		%
Zinc	66-2	2.44	2.17	2.52	2.38	7.71	ppb
Zirconium	90-1	0.05	0.08	0.07	0.06	26.54	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-31DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z13	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:54:07	DataFile Name :	069SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.13	0.13	0.11	36.01	ppb

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-35DLX2 Instrumnet Name : P7
 Client Sample ID : MA4Z37 Dilution Factor : 2
 Date & Time Acquired :: 2017-12-12 17:57:40 DataFile Name : 070SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48.44	47.78	42.62	46.28	6.88	ppb
Antimony	121-1	0.45	0.37	0.39	0.41	10.46	ppb
Arsenic	75-2	1.30	1.50	1.28	1.36	9.02	ppb
Barium	135-1	6.09	6.10	6.16	6.12	0.58	ppb
Barium	137-1	5.73	5.99	5.87	5.87	2.23	ppb
Beryllium	9-1	0.04	0.05	0.07	0.05	26.26	ppb
Bismuth	209-1				66		%
Bismuth	209-2				60		%
Boron	10-1	1482.45	1506.85	1451.64	1480.31	1.87	ppb
Boron	11-1	1594.12	1604.78	1554.95	1584.62	1.66	ppb
Cadmium	111-1	-0.04	0.05	0.16	0.06	172.41	ppb
Cadmium	106-1	-0.34	0.89	1.79	0.78	137.52	ppb
Cadmium	108-1	1.21	0.95	0.49	0.88	41.52	ppb
Calcium	43-1	148126.05	148807.14	140895.75	145942.98	3.00	ppb
Calcium	44-1	149534.28	151739.09	142373.28	147882.22	3.31	ppb
Chromium	52-2	0.82	0.77	0.65	0.74	11.74	ppb
Cobalt	59-2	0.04	0.02	0.02	0.03	52.25	ppb
Copper	63-2	3.63	2.90	2.77	3.10	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				82		%
Holmium	165-2				72		%
Indium	115-1				78		%
Indium	115-2				73		%
Iron	56-2	91.72	74.09	74.29	80.03	12.65	ppb
Iron	57-2	273.69	222.40	219.62	238.57	12.76	ppb
Lead	206-1	0.33	0.35	0.38	0.35	7.27	ppb
Lead	207-1	0.37	0.32	0.31	0.33	10.49	ppb
Lead	208-1	0.36	0.33	0.34	0.34	4.00	ppb
Lithium	6-1				96		%
Magnesium	24-2	559972.83	461615.06	462388.99	494658.96	11.44	ppb
Manganese	55-2	13.84	10.68	10.46	11.66	16.20	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-35DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z37	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:57:40	DataFile Name :	070SMPL_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.87	2.79	2.84	2.83	1.38	ppb
Molybdenum	95-1	4.66	4.67	4.35	4.56	4.02	ppb
Molybdenum	96-1	3.85	3.69	3.82	3.79	2.26	ppb
Molybdenum	97-1	5.31	5.66	5.19	5.39	4.49	ppb
Molybdenum	98-1	4.08	4.00	3.81	3.97	3.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.51	0.03	0.13	0.23	110.79	ppb
Phosphorus	31-2	48.98	68.27	46.35	54.53	21.94	ppb
Potassium	39-2	177025.13	145606.11	146153.05	156261.43	11.51	ppb
Rhodium	103-1				75		%
Rhodium	103-2				69		%
Scandium	45-1				92		%
Scandium	45-2				86		%
Selenium	77-2	4.24	14.32	7.16	8.57	60.52	ppb
Selenium	78-2	1.85	-0.74	0.16	0.42	312.17	ppb
Selenium	82-1	-129.98	-147.70	-163.54	-147.07		ppb
Silicon	28-1	7674.44	8230.83	7456.38	7787.22	5.13	ppb
Silver	109-1	0.03	0.03	0.04	0.03	22.88	ppb
Silver	107-1	0.03	0.03	0.03	0.03	6.56	ppb
Sodium	23-2	4781552.42	3942491.47	3947247.00	4223763.63	11.44	ppb
Strontium	86-1	2798.27	2798.63	2686.01	2760.97	2.35	ppb
Strontium	88-1	2828.92	2836.43	2728.81	2798.05	2.15	ppb
Sulfur	34-1	271277.60	272972.16	255611.59	266620.45	3.59	ppb
Terbium	159-1				82		%
Terbium	159-2				72		%
Thallium	203-1	-0.03	-0.02	-0.03	-0.03		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.16	0.18	0.22	0.18	16.81	ppb
Titanium	47-1	6.65	6.42	6.05	6.37	4.82	ppb
Uranium	238-1	1.27	1.25	1.13	1.22	6.23	ppb
Vanadium	51-2	2.71	2.27	2.21	2.40	11.52	ppb
Yttrium	89-1				85		%
Yttrium	89-2				80		%
Zinc	66-2	2.79	2.36	2.53	2.56	8.38	ppb
Zirconium	90-1	0.04	0.07	0.07	0.06	31.14	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-35DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z37	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:57:40	DataFile Name :	070SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.07	0.09	0.06	45.17	ppb

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-36DLX2 Instrumnet Name : P7
 Client Sample ID : MA4Z38 Dilution Factor : 2
 Date & Time Acquired :: 2017-12-12 18:01:14 DataFile Name : 071SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.39	29.28	27.17	27.61	5.41	ppb
Antimony	121-1	0.45	0.39	0.46	0.43	8.70	ppb
Arsenic	75-2	1.32	1.18	1.38	1.29	7.89	ppb
Barium	135-1	5.95	6.20	6.03	6.06	2.07	ppb
Barium	137-1	5.72	5.94	5.70	5.79	2.25	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	15.56	ppb
Bismuth	209-1				63		%
Bismuth	209-2				64		%
Boron	10-1	1430.29	1426.68	1410.08	1422.35	0.76	ppb
Boron	11-1	1524.25	1547.10	1527.88	1533.08	0.80	ppb
Cadmium	111-1	-0.08	0.01	-0.30	-0.12		ppb
Cadmium	106-1	-0.72	-0.05	-3.08	-1.29		ppb
Cadmium	108-1	1.06	0.60	1.58	1.08	45.15	ppb
Calcium	43-1	143162.95	144838.49	138365.70	142122.38	2.36	ppb
Calcium	44-1	144888.67	148031.43	141081.80	144667.30	2.41	ppb
Chromium	52-2	0.66	0.66	0.63	0.65	2.88	ppb
Cobalt	59-2	0.01	0.01	0.04	0.02	89.98	ppb
Copper	63-2	2.18	2.66	2.49	2.44	9.89	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				78		%
Holmium	165-2				77		%
Indium	115-1				75		%
Indium	115-2				77		%
Iron	56-2	55.42	56.37	55.57	55.79	0.91	ppb
Iron	57-2	181.95	197.39	207.96	195.77	6.68	ppb
Lead	206-1	0.30	0.21	0.22	0.24	20.02	ppb
Lead	207-1	0.22	0.25	0.16	0.21	21.57	ppb
Lead	208-1	0.25	0.24	0.22	0.23	7.03	ppb
Lithium	6-1				93		%
Magnesium	24-2	429249.68	442628.90	442963.88	438280.82	1.78	ppb
Manganese	55-2	10.08	10.42	10.50	10.34	2.18	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-36DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z38	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 18:01:14	DataFile Name :	071SMPL_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.62	2.75	2.71	2.69	2.52	ppb
Molybdenum	95-1	4.19	4.13	4.22	4.18	1.04	ppb
Molybdenum	96-1	3.64	3.49	3.62	3.58	2.23	ppb
Molybdenum	97-1	5.26	5.24	4.60	5.03	7.44	ppb
Molybdenum	98-1	3.70	3.95	3.83	3.83	3.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.08	0.24	0.11	101.73	ppb
Phosphorus	31-2	62.99	80.18	90.60	77.93	17.89	ppb
Potassium	39-2	136066.99	141065.87	140687.98	139273.61	2.00	ppb
Rhodium	103-1				72		%
Rhodium	103-2				74		%
Scandium	45-1				88		%
Scandium	45-2				91		%
Selenium	77-2	10.58	3.54	5.31	6.47	56.58	ppb
Selenium	78-2	1.02	0.14	3.09	1.42	107.08	ppb
Selenium	82-1	-144.42	-165.61	-174.91	-161.65		ppb
Silicon	28-1	8799.74	9201.31	8667.76	8889.60	3.13	ppb
Silver	109-1	0.01	0.03	0.03	0.03	41.21	ppb
Silver	107-1	0.01	0.03	0.03	0.02	62.64	ppb
Sodium	23-2	3676779.35	3813668.29	3785572.36	3758673.33	1.92	ppb
Strontium	86-1	2673.77	2686.98	2622.12	2660.96	1.29	ppb
Strontium	88-1	2708.85	2729.15	2666.11	2701.37	1.19	ppb
Sulfur	34-1	259574.25	265654.05	250921.07	258716.46	2.86	ppb
Terbium	159-1				78		%
Terbium	159-2				77		%
Thallium	203-1	-0.01	-0.03	-0.01	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.15	0.20	0.18	0.17	14.30	ppb
Titanium	47-1	5.31	5.27	4.69	5.09	6.75	ppb
Uranium	238-1	1.16	1.16	1.28	1.20	5.74	ppb
Vanadium	51-2	2.06	2.04	2.22	2.11	4.60	ppb
Yttrium	89-1				82		%
Yttrium	89-2				85		%
Zinc	66-2	2.05	1.81	2.09	1.98	7.55	ppb
Zirconium	90-1	0.02	0.04	0.07	0.04	58.95	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-36DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z38	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 18:01:14	DataFile Name :	071SMPL_P7121217 M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.06	0.04	0.05	24.68	ppb

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-37DLX2 Instrumnet Name : P7
 Client Sample ID : MA4Z57 Dilution Factor : 2
 Date & Time Acquired :: 2017-12-12 18:04:49 DataFile Name : 072SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45.88	37.11	34.66	39.22	15.05	ppb
Antimony	121-1	0.38	0.33	0.34	0.35	7.27	ppb
Arsenic	75-2	1.55	0.94	1.22	1.24	24.44	ppb
Barium	135-1	7.05	6.35	6.11	6.51	7.49	ppb
Barium	137-1	6.75	6.84	6.65	6.75	1.43	ppb
Beryllium	9-1	0.03	0.08	0.05	0.05	51.10	ppb
Bismuth	209-1				69		%
Bismuth	209-2				68		%
Boron	10-1	1277.43	1301.54	1304.65	1294.54	1.15	ppb
Boron	11-1	1364.11	1387.56	1391.17	1380.95	1.06	ppb
Cadmium	111-1	0.04	-0.20	-0.01	-0.06		ppb
Cadmium	106-1	0.62	-2.24	0.64	-0.33		ppb
Cadmium	108-1	0.81	0.82	1.53	1.05	39.14	ppb
Calcium	43-1	127343.88	126614.31	125786.47	126581.56	0.62	ppb
Calcium	44-1	129610.54	129870.42	128933.79	129471.59	0.37	ppb
Chromium	52-2	0.83	0.73	0.74	0.77	6.80	ppb
Cobalt	59-2	0.00	0.01	0.00	0.01	148.97	ppb
Copper	63-2	3.00	2.77	2.84	2.87	3.99	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				85		%
Holmium	165-2				82		%
Indium	115-1				82		%
Indium	115-2				83		%
Iron	56-2	79.00	78.06	76.49	77.85	1.63	ppb
Iron	57-2	183.28	203.17	204.75	197.07	6.07	ppb
Lead	206-1	0.46	0.43	0.38	0.42	9.72	ppb
Lead	207-1	0.32	0.32	0.32	0.32	0.68	ppb
Lead	208-1	0.37	0.38	0.35	0.37	4.28	ppb
Lithium	6-1				99		%
Magnesium	24-2	398092.55	390727.18	388211.86	392343.86	1.31	ppb
Manganese	55-2	13.75	14.08	13.77	13.87	1.34	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-37DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z57	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 18:04:49	DataFile Name :	072SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.50	2.60	2.48	2.53	2.49	ppb
Molybdenum	95-1	3.83	3.71	3.82	3.79	1.76	ppb
Molybdenum	96-1	3.36	3.55	3.49	3.46	2.80	ppb
Molybdenum	97-1	4.62	5.15	4.86	4.88	5.46	ppb
Molybdenum	98-1	3.37	3.39	3.52	3.43	2.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.11	0.04	0.04	140.78	ppb
Phosphorus	31-2	56.04	58.98	70.94	61.99	12.73	ppb
Potassium	39-2	126508.22	125055.66	124124.30	125229.40	0.96	ppb
Rhodium	103-1				79		%
Rhodium	103-2				79		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	77-2	11.69	8.18	9.84	9.90	17.73	ppb
Selenium	78-2	0.89	2.21	3.32	2.14	56.69	ppb
Selenium	82-1	-134.35	-147.68	-159.68	-147.24		ppb
Silicon	28-1	7395.64	7577.90	7740.75	7571.43	2.28	ppb
Silver	109-1	0.04	0.04	0.05	0.04	21.20	ppb
Silver	107-1	0.04	0.03	0.02	0.03	28.93	ppb
Sodium	23-2	3402391.64	3358533.36	3324854.93	3361926.64	1.16	ppb
Strontium	86-1	2372.59	2363.08	2372.36	2369.34	0.23	ppb
Strontium	88-1	2403.72	2397.14	2409.16	2403.34	0.25	ppb
Sulfur	34-1	229171.74	230028.58	227791.24	228997.19	0.49	ppb
Terbium	159-1				85		%
Terbium	159-2				82		%
Thallium	203-1	-0.03	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.03	-0.02	-0.03	-0.03		ppb
Tin	118-1	0.08	0.17	0.20	0.15	40.92	ppb
Titanium	47-1	4.97	5.25	5.04	5.09	2.83	ppb
Uranium	238-1	1.07	1.08	1.08	1.08	0.56	ppb
Vanadium	51-2	2.13	2.11	1.95	2.06	4.75	ppb
Yttrium	89-1				89		%
Yttrium	89-2				91		%
Zinc	66-2	3.65	3.70	3.68	3.68	0.76	ppb
Zirconium	90-1	0.05	0.04	0.03	0.04	18.90	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-37DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z57	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 18:04:49	DataFile Name :	072SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.00	0.04	0.03	82.39	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-38DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z58	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 18:08:23	DataFile Name :	073SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	72.18	76.09	72.28	73.52	3.03	ppb
Antimony	121-1	0.40	0.38	0.37	0.38	4.70	ppb
Arsenic	75-2	0.94	1.19	1.38	1.17	19.00	ppb
Barium	135-1	6.28	6.13	6.38	6.26	2.08	ppb
Barium	137-1	6.50	6.62	6.52	6.55	1.02	ppb
Beryllium	9-1	0.01	0.03	0.00	0.01	111.49	ppb
Bismuth	209-1				68		%
Bismuth	209-2				66		%
Boron	10-1	1383.97	1388.43	1414.01	1395.47	1.16	ppb
Boron	11-1	1496.30	1487.60	1513.00	1498.97	0.86	ppb
Cadmium	111-1	0.16	0.20	-0.08	0.09	162.86	ppb
Cadmium	106-1	1.69	2.71	-0.77	1.21	147.50	ppb
Cadmium	108-1	0.54	1.17	0.91	0.87	35.76	ppb
Calcium	43-1	136882.23	133165.90	137066.44	135704.86	1.62	ppb
Calcium	44-1	139523.00	136679.40	140428.77	138877.06	1.41	ppb
Chromium	52-2	1.38	1.41	1.43	1.41	1.80	ppb
Cobalt	59-2	0.04	0.03	0.07	0.05	44.13	ppb
Copper	63-2	4.85	4.80	4.74	4.80	1.17	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				84		%
Holmium	165-2				80		%
Indium	115-1				81		%
Indium	115-2				82		%
Iron	56-2	136.55	136.59	137.93	137.02	0.57	ppb
Iron	57-2	266.71	272.88	274.97	271.52	1.58	ppb
Lead	206-1	0.77	0.79	0.88	0.81	7.09	ppb
Lead	207-1	0.72	0.72	0.65	0.70	6.19	ppb
Lead	208-1	0.74	0.73	0.75	0.74	1.37	ppb
Lithium	6-1				97		%
Magnesium	24-2	420146.42	420391.22	426402.83	422313.49	0.84	ppb
Manganese	55-2	13.85	13.90	13.85	13.87	0.20	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-38DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z58	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 18:08:23	DataFile Name :	073SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.68	2.37	2.81	2.62	8.64	ppb
Molybdenum	95-1	3.91	3.70	4.37	3.99	8.57	ppb
Molybdenum	96-1	3.36	3.65	3.81	3.61	6.30	ppb
Molybdenum	97-1	5.01	5.07	4.89	4.99	1.87	ppb
Molybdenum	98-1	3.61	3.73	3.79	3.71	2.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.29	0.18	0.28	0.25	23.35	ppb
Phosphorus	31-2	90.21	77.78	100.22	89.40	12.57	ppb
Potassium	39-2	134424.81	133905.68	136580.72	134970.40	1.05	ppb
Rhodium	103-1				78		%
Rhodium	103-2				77		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	77-2	8.47	5.08	6.61	6.72	25.22	ppb
Selenium	78-2	-0.21	0.64	0.32	0.25	170.13	ppb
Selenium	82-1	-140.91	-152.01	-170.07	-154.33		ppb
Silicon	28-1	7663.77	7581.64	8031.74	7759.05	3.09	ppb
Silver	109-1	0.04	0.03	0.04	0.04	25.77	ppb
Silver	107-1	0.03	0.05	0.03	0.04	26.49	ppb
Sodium	23-2	3585180.77	3592577.16	3641594.91	3606450.95	0.85	ppb
Strontium	86-1	2569.82	2500.68	2570.89	2547.13	1.58	ppb
Strontium	88-1	2618.81	2560.44	2620.82	2600.02	1.32	ppb
Sulfur	34-1	247493.45	242126.54	249934.79	246518.26	1.62	ppb
Terbium	159-1				84		%
Terbium	159-2				80		%
Thallium	203-1	-0.02	-0.02	-0.03	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.30	0.22	0.23	0.25	16.38	ppb
Titanium	47-1	8.47	7.87	7.33	7.89	7.22	ppb
Uranium	238-1	1.19	1.18	1.20	1.19	1.14	ppb
Vanadium	51-2	2.31	2.07	2.14	2.17	5.78	ppb
Yttrium	89-1				89		%
Yttrium	89-2				89		%
Zinc	66-2	3.17	2.88	3.24	3.10	6.07	ppb
Zirconium	90-1	0.03	0.05	0.05	0.04	26.97	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-38DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z58	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 18:08:23	DataFile Name :	073SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.01	0.09	0.06	75.27	ppb

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : CCV037 Instrumnet Name : P7
 Client Sample ID : CCV037 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 18:15:32 DataFile Name : 074CCV_P7121217 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50842.28	49620.90	50753.02	50405.40	1.35	ppb
Antimony	121-1	510.19	513.10	509.08	510.79	0.41	ppb
Arsenic	75-2	516.89	504.30	521.33	514.17	1.72	ppb
Barium	135-1	2525.50	2527.62	2500.97	2518.03	0.59	ppb
Barium	137-1	2562.34	2556.27	2540.86	2553.16	0.43	ppb
Beryllium	9-1	464.85	470.36	462.87	466.03	0.83	ppb
Bismuth	209-1				78		%
Bismuth	209-2				74		%
Boron	10-1	480.50	493.66	496.98	490.38	1.78	ppb
Boron	11-1	494.99	505.39	508.49	502.96	1.41	ppb
Cadmium	111-1	517.42	521.70	520.02	519.72	0.41	ppb
Cadmium	106-1	510.57	530.53	523.76	521.62	1.95	ppb
Cadmium	108-1	522.16	513.42	515.47	517.02	0.88	ppb
Calcium	43-1	249712.74	252214.20	249148.40	250358.45	0.65	ppb
Calcium	44-1	251995.56	254261.98	252683.08	252980.21	0.46	ppb
Chromium	52-2	515.50	502.94	515.06	511.17	1.39	ppb
Cobalt	59-2	499.82	482.91	501.60	494.78	2.08	ppb
Copper	63-2	976.71	956.91	981.00	971.54	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				90		%
Holmium	165-2				84		%
Indium	115-1				86		%
Indium	115-2				82		%
Iron	56-2	126825.73	123924.53	127135.46	125961.91	1.41	ppb
Iron	57-2	123442.27	120448.13	124056.21	122648.87	1.57	ppb
Lead	206-1	519.41	530.87	522.21	524.16	1.14	ppb
Lead	207-1	517.89	525.42	518.19	520.50	0.82	ppb
Lead	208-1	518.86	527.21	519.72	521.93	0.88	ppb
Lithium	6-1				95		%
Magnesium	24-2	261412.01	253638.87	260928.94	258659.94	1.68	ppb
Manganese	55-2	1005.07	984.89	1011.41	1000.46	1.38	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCV037	Instrumnet Name :	P7
Client Sample ID :	CCV037	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 18:15:32	DataFile Name :	074CCV_P7121217 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2542.60	2571.12	2513.77	2542.50	1.13	ppb
Molybdenum	95-1	2534.51	2547.00	2510.88	2530.80	0.72	ppb
Molybdenum	96-1	2507.77	2535.60	2494.81	2512.73	0.83	ppb
Molybdenum	97-1	2488.61	2534.81	2480.53	2501.32	1.17	ppb
Molybdenum	98-1	2562.64	2591.20	2532.72	2562.19	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.89	482.03	498.43	493.45	2.01	ppb
Phosphorus	31-2	10647.98	9799.85	10213.70	10220.51	4.15	ppb
Potassium	39-2	132381.96	129400.14	132677.97	131486.69	1.38	ppb
Rhodium	103-1				82		%
Rhodium	103-2				79		%
Scandium	45-1				94		%
Scandium	45-2				90		%
Selenium	77-2	518.17	508.19	555.90	527.42	4.77	ppb
Selenium	78-2	536.72	522.78	538.08	532.53	1.59	ppb
Selenium	82-1	471.64	474.13	478.33	474.70	0.71	ppb
Silicon	28-1	5584.84	5680.19	5608.39	5624.47	0.88	ppb
Silver	109-1	518.04	520.76	512.74	517.18	0.79	ppb
Silver	107-1	521.38	522.00	516.13	519.84	0.62	ppb
Sodium	23-2	268285.78	261662.64	268619.58	266189.33	1.47	ppb
Strontium	86-1	526.76	529.78	530.62	529.05	0.38	ppb
Strontium	88-1	535.29	535.62	530.06	533.66	0.59	ppb
Sulfur	34-1	16143.12	16293.98	15683.03	16040.04	1.98	ppb
Terbium	159-1				90		%
Terbium	159-2				83		%
Thallium	203-1	521.51	525.18	517.89	521.53	0.70	ppb
Thallium	205-1	526.14	534.43	528.28	529.62	0.81	ppb
Tin	118-1	503.36	501.58	496.70	500.55	0.69	ppb
Titanium	47-1	2533.75	2543.64	2501.34	2526.24	0.88	ppb
Uranium	238-1	523.71	532.50	525.01	527.08	0.90	ppb
Vanadium	51-2	516.63	501.97	519.42	512.67	1.83	ppb
Yttrium	89-1				91		%
Yttrium	89-2				87		%
Zinc	66-2	945.54	921.40	955.78	940.91	1.88	ppb
Zirconium	90-1	510.08	518.75	507.78	512.21	1.13	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCV037	Instrumnet Name :	P7
Client Sample ID :	CCV037	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 18:15:32	DataFile Name :	074CCV_P7121217 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	509.11	511.16	500.83	507.03	1.08	ppb

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : CCB037 Instrumnet Name : P7
 Client Sample ID : CCB037 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 18:25:20 DataFile Name : 075CCBE_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.87	0.29	0.87	0.68	49.73	ppb
Antimony	121-1	0.25	0.22	0.21	0.22	9.81	ppb
Arsenic	75-2	0.02	0.04	0.02	0.03	38.50	ppb
Barium	135-1	0.03	0.02	-0.02	0.01	201.76	ppb
Barium	137-1	0.02	0.01	-0.01	0.01	238.03	ppb
Beryllium	9-1	0.27	0.23	0.29	0.26	10.73	ppb
Bismuth	209-1				87		%
Bismuth	209-2				81		%
Boron	10-1	26.92	27.33	27.76	27.34	1.54	ppb
Boron	11-1	26.73	27.88	26.43	27.01	2.83	ppb
Cadmium	111-1	-0.20	-0.30	-0.12	-0.21		ppb
Cadmium	106-1	-2.66	-3.73	-1.03	-2.47		ppb
Cadmium	108-1	0.23	0.23	0.61	0.36	61.88	ppb
Calcium	43-1	18.42	19.17	14.00	17.20	16.25	ppb
Calcium	44-1	401.83	393.98	384.35	393.39	2.23	ppb
Chromium	52-2	-0.02	-0.01	0.05	0.01	527.21	ppb
Cobalt	59-2	-0.04	-0.04	-0.02	-0.03		ppb
Copper	63-2	0.51	0.51	0.57	0.53	6.23	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				92		%
Holmium	165-2				84		%
Indium	115-1				92		%
Indium	115-2				87		%
Iron	56-2	2.40	1.80	2.27	2.15	14.48	ppb
Iron	57-2	1.91	2.29	2.43	2.21	12.03	ppb
Lead	206-1	0.12	0.10	0.08	0.10	19.42	ppb
Lead	207-1	0.10	0.06	0.07	0.08	27.80	ppb
Lead	208-1	0.09	0.08	0.07	0.08	12.72	ppb
Lithium	6-1				101		%
Magnesium	24-2	-36.62	-34.76	-34.92	-35.43		ppb
Manganese	55-2	0.06	0.13	0.09	0.09	38.62	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCB037	Instrumnet Name :	P7
Client Sample ID :	CCB037	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 18:25:20	DataFile Name :	075CCBE_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.17	0.24	0.24	0.22	19.15	ppb
Molybdenum	95-1	0.16	0.17	0.18	0.17	7.11	ppb
Molybdenum	96-1	0.23	0.16	0.12	0.17	33.58	ppb
Molybdenum	97-1	0.28	0.24	0.17	0.23	24.29	ppb
Molybdenum	98-1	0.18	0.21	0.14	0.17	19.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	-0.21	-0.07	-0.06		ppb
Phosphorus	31-2	4.93	13.94	-4.82	4.68	200.29	ppb
Potassium	39-2	199.68	184.26	194.71	192.88	4.08	ppb
Rhodium	103-1				91		%
Rhodium	103-2				87		%
Scandium	45-1				97		%
Scandium	45-2				92		%
Selenium	77-2	10.12	15.03	10.25	11.80	23.70	ppb
Selenium	78-2	14.73	10.10	11.51	12.11	19.57	ppb
Selenium	82-1	0.80	1.61	3.68	2.03	73.17	ppb
Silicon	28-1	5465.37	5533.55	5368.42	5455.78	1.52	ppb
Silver	109-1	0.02	0.03	0.04	0.03	35.81	ppb
Silver	107-1	0.02	0.00	0.03	0.02	64.83	ppb
Sodium	23-2	3701.51	3544.80	3699.52	3648.61	2.46	ppb
Strontium	86-1	0.01	0.02	-0.05	0.00		ppb
Strontium	88-1	0.02	0.00	0.00	0.00	200.57	ppb
Sulfur	34-1	5807.47	5955.73	5411.92	5725.04	4.91	ppb
Terbium	159-1				92		%
Terbium	159-2				84		%
Thallium	203-1	0.03	0.01	0.00	0.01	136.99	ppb
Thallium	205-1	0.01	0.02	0.01	0.02	44.25	ppb
Tin	118-1	0.16	0.22	0.09	0.15	41.52	ppb
Titanium	47-1	0.48	0.22	0.43	0.37	36.73	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	138.38	ppb
Vanadium	51-2	0.09	0.08	0.14	0.10	29.89	ppb
Yttrium	89-1				93		%
Yttrium	89-2				89		%
Zinc	66-2	0.61	0.80	0.82	0.74	15.68	ppb
Zirconium	90-1	0.08	0.06	0.04	0.06	33.94	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCB037	Instrumnet Name :	P7
Client Sample ID :	CCB037	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 18:25:20	DataFile Name :	075CCBE_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.01	0.00	0.03	135.92	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-28A	Instrumnet Name :	P7
Client Sample ID :	MA4Z12A	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 18:28:52	DataFile Name :	076SMPL_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	302.33	293.31	299.21	298.29	1.54	ppb
Antimony	121-1	0.96	0.84	0.83	0.88	8.62	ppb
Arsenic	75-2	2.19	1.79	1.76	1.91	12.52	ppb
Barium	135-1	14.26	14.90	14.44	14.53	2.27	ppb
Barium	137-1	14.01	14.01	14.66	14.23	2.66	ppb
Beryllium	9-1	0.21	0.17	0.28	0.22	24.26	ppb
Bismuth	209-1				63		%
Bismuth	209-2				63		%
Boron	10-1	1749.76	1761.84	1770.58	1760.73	0.59	ppb
Boron	11-1	1863.23	1870.43	1895.78	1876.48	0.91	ppb
Cadmium	111-1	0.16	0.07	-0.07	0.05	227.44	ppb
Cadmium	106-1	1.51	-0.19	-1.60	-0.09		ppb
Cadmium	108-1	0.38	0.84	0.39	0.53	48.88	ppb
Calcium	43-1	188945.30	186087.58	194086.12	189706.34	2.14	ppb
Calcium	44-1	190337.50	187886.25	195442.47	191222.07	2.02	ppb
Chromium	52-2	5.07	5.50	5.36	5.31	4.12	ppb
Cobalt	59-2	0.25	0.34	0.32	0.30	15.21	ppb
Copper	63-2	15.31	15.54	14.98	15.28	1.85	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				77		%
Holmium	165-2				76		%
Indium	115-1				73		%
Indium	115-2				75		%
Iron	56-2	579.16	580.88	577.69	579.24	0.28	ppb
Iron	57-2	774.83	786.78	775.64	779.08	0.86	ppb
Lead	206-1	2.91	2.95	3.08	2.98	3.02	ppb
Lead	207-1	2.75	2.67	2.82	2.75	2.69	ppb
Lead	208-1	2.80	2.79	2.88	2.83	1.73	ppb
Lithium	6-1				90		%
Magnesium	24-2	554208.46	556570.87	553322.20	554700.51	0.30	ppb
Manganese	55-2	44.00	43.71	43.39	43.70	0.70	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-28A	Instrumnet Name :	P7
Client Sample ID :	MA4Z12A	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 18:28:52	DataFile Name :	076SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.42	4.11	4.32	4.29	3.66	ppb
Molybdenum	95-1	5.60	5.62	5.45	5.56	1.64	ppb
Molybdenum	96-1	4.76	4.78	4.85	4.80	0.97	ppb
Molybdenum	97-1	6.26	7.05	6.69	6.67	5.92	ppb
Molybdenum	98-1	5.06	5.15	5.08	5.10	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.26	2.04	2.21	2.17	5.27	ppb
Phosphorus	31-2	168.56	216.31	150.82	178.56	18.97	ppb
Potassium	39-2	176321.36	177545.96	176960.54	176942.62	0.35	ppb
Rhodium	103-1				69		%
Rhodium	103-2				71		%
Scandium	45-1				84		%
Scandium	45-2				88		%
Selenium	77-2	3.69	7.20	3.62	4.83	42.32	ppb
Selenium	78-2	1.12	2.87	2.29	2.09	42.45	ppb
Selenium	82-1	-55.65	-78.08	-87.47	-73.74		ppb
Silicon	28-1	9362.94	9129.03	9959.37	9483.78	4.51	ppb
Silver	109-1	0.29	0.20	0.26	0.25	16.62	ppb
Silver	107-1	0.30	0.27	0.20	0.26	19.45	ppb
Sodium	23-2	4728933.38	4762527.78	4731484.84	4740982.00	0.39	ppb
Strontium	86-1	3395.75	3388.50	3429.77	3404.67	0.65	ppb
Strontium	88-1	3439.82	3416.19	3486.55	3447.52	1.04	ppb
Sulfur	34-1	321608.00	315049.88	332625.29	323094.39	2.75	ppb
Terbium	159-1				77		%
Terbium	159-2				76		%
Thallium	203-1	0.03	0.02	0.01	0.02	57.48	ppb
Thallium	205-1	0.05	0.03	0.02	0.03	36.02	ppb
Tin	118-1	0.55	0.51	0.61	0.56	8.61	ppb
Titanium	47-1	29.77	27.82	28.79	28.79	3.40	ppb
Uranium	238-1	1.64	1.69	1.66	1.66	1.59	ppb
Vanadium	51-2	3.75	3.96	3.94	3.88	2.88	ppb
Yttrium	89-1				79		%
Yttrium	89-2				83		%
Zinc	66-2	11.05	10.51	10.81	10.79	2.50	ppb
Zirconium	90-1	0.50	0.44	0.43	0.46	8.35	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-28A	Instrumnet Name :	P7
Client Sample ID :	MA4Z12A	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 18:28:52	DataFile Name :	076SMPL_P7121217 M6

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.60	0.40	0.33	0.44	31.39	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-28ADLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z12A	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 18:32:27	DataFile Name :	077SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	162.77	156.86	155.64	158.42	2.41	ppb
Antimony	121-1	0.44	0.41	0.43	0.42	3.58	ppb
Arsenic	75-2	0.98	1.23	1.00	1.07	12.98	ppb
Barium	135-1	6.92	7.45	7.62	7.33	4.97	ppb
Barium	137-1	7.62	7.61	7.34	7.53	2.11	ppb
Beryllium	9-1	0.15	0.17	0.21	0.18	17.52	ppb
Bismuth	209-1				69		%
Bismuth	209-2				64		%
Boron	10-1	944.23	940.77	957.96	947.65	0.96	ppb
Boron	11-1	995.64	1000.76	1010.71	1002.37	0.76	ppb
Cadmium	111-1	-0.04	-0.16	-0.11	-0.11		ppb
Cadmium	106-1	-0.70	-2.13	-1.67	-1.50		ppb
Cadmium	108-1	0.60	0.68	0.35	0.54	31.96	ppb
Calcium	43-1	94943.94	96001.94	97501.18	96149.02	1.34	ppb
Calcium	44-1	96804.23	97580.36	99041.49	97808.69	1.16	ppb
Chromium	52-2	2.85	2.80	2.70	2.79	2.67	ppb
Cobalt	59-2	0.13	0.14	0.16	0.14	10.75	ppb
Copper	63-2	8.30	8.31	8.50	8.37	1.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				85		%
Holmium	165-2				76		%
Indium	115-1				81		%
Indium	115-2				76		%
Iron	56-2	305.98	304.30	305.20	305.16	0.27	ppb
Iron	57-2	383.75	393.07	407.91	394.91	3.09	ppb
Lead	206-1	1.49	1.37	1.52	1.46	5.48	ppb
Lead	207-1	1.42	1.38	1.29	1.36	5.08	ppb
Lead	208-1	1.41	1.38	1.38	1.39	1.12	ppb
Lithium	6-1				96		%
Magnesium	24-2	293013.58	292674.02	290020.89	291902.83	0.56	ppb
Manganese	55-2	23.19	22.73	22.89	22.94	1.01	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-28ADLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z12A	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 18:32:27	DataFile Name :	077SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.37	2.19	2.29	2.28	3.84	ppb
Molybdenum	95-1	3.00	2.90	2.88	2.93	2.21	ppb
Molybdenum	96-1	2.51	2.42	2.63	2.52	4.19	ppb
Molybdenum	97-1	3.65	3.68	4.25	3.86	8.80	ppb
Molybdenum	98-1	2.47	2.75	2.74	2.65	5.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.92	0.84	1.29	1.02	23.98	ppb
Phosphorus	31-2	104.44	134.62	92.17	110.41	19.79	ppb
Potassium	39-2	92682.74	92691.67	91611.97	92328.79	0.67	ppb
Rhodium	103-1				78		%
Rhodium	103-2				73		%
Scandium	45-1				92		%
Scandium	45-2				86		%
Selenium	77-2	3.67	3.67	3.67	3.67	0.11	ppb
Selenium	78-2	0.81	1.73	1.11	1.22	38.60	ppb
Selenium	82-1	-67.34	-76.22	-84.30	-75.96		ppb
Silicon	28-1	7375.50	7761.79	8331.38	7822.89	6.15	ppb
Silver	109-1	0.06	0.06	0.03	0.05	35.98	ppb
Silver	107-1	0.06	0.05	0.02	0.04	46.01	ppb
Sodium	23-2	2499304.08	2484808.49	2459987.95	2481366.84	0.80	ppb
Strontium	86-1	1716.99	1730.54	1743.34	1730.29	0.76	ppb
Strontium	88-1	1749.78	1762.93	1776.99	1763.23	0.77	ppb
Sulfur	34-1	167276.78	169258.05	171718.00	169417.61	1.31	ppb
Terbium	159-1				84		%
Terbium	159-2				76		%
Thallium	203-1	0.00	-0.01	-0.02	-0.01		ppb
Thallium	205-1	0.00	-0.01	0.00	-0.01		ppb
Tin	118-1	0.32	0.23	0.31	0.29	17.20	ppb
Titanium	47-1	12.67	13.84	13.09	13.20	4.48	ppb
Uranium	238-1	0.85	0.84	0.85	0.85	0.63	ppb
Vanadium	51-2	2.43	2.15	2.34	2.31	6.38	ppb
Yttrium	89-1				87		%
Yttrium	89-2				82		%
Zinc	66-2	7.15	5.86	5.77	6.26	12.34	ppb
Zirconium	90-1	0.17	0.15	0.11	0.14	19.94	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-28ADLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z12A	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 18:32:27	DataFile Name :	077SMPL_P7121217 M6

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.27	0.15	0.17	0.20	32.63	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6695-10A	Instrumnet Name :	P7
Client Sample ID :	MA4Z17A	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 18:46:27	DataFile Name :	078SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	107.95	142.85	102.95	117.92	18.44	ppb
Antimony	121-1	0.61	0.56	0.62	0.60	4.85	ppb
Arsenic	75-2	1.52	1.80	1.49	1.60	10.67	ppb
Barium	135-1	14.23	14.36	15.03	14.54	2.96	ppb
Barium	137-1	14.37	15.14	14.89	14.80	2.66	ppb
Beryllium	9-1	0.14	0.08	0.13	0.12	29.79	ppb
Bismuth	209-1				63		%
Bismuth	209-2				60		%
Boron	10-1	1696.85	1709.51	1758.31	1721.56	1.89	ppb
Boron	11-1	1822.66	1823.33	1881.01	1842.33	1.82	ppb
Cadmium	111-1	0.21	-0.16	-0.02	0.01	1634.12	ppb
Cadmium	106-1	1.67	-2.09	-0.53	-0.32		ppb
Cadmium	108-1	0.37	0.93	1.02	0.77	45.44	ppb
Calcium	43-1	184941.30	184513.88	184633.84	184696.34	0.12	ppb
Calcium	44-1	186694.72	185091.80	187520.79	186435.77	0.66	ppb
Chromium	52-2	1.83	1.84	1.76	1.81	2.21	ppb
Cobalt	59-2	0.41	0.36	0.35	0.37	8.85	ppb
Copper	63-2	6.23	6.31	6.38	6.30	1.19	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				77		%
Holmium	165-2				72		%
Indium	115-1				73		%
Indium	115-2				72		%
Iron	56-2	181.90	180.84	179.71	180.82	0.60	ppb
Iron	57-2	382.90	368.74	370.20	373.95	2.08	ppb
Lead	206-1	0.94	0.96	0.94	0.94	1.16	ppb
Lead	207-1	0.96	0.84	0.85	0.88	7.34	ppb
Lead	208-1	0.95	0.88	0.90	0.91	4.02	ppb
Lithium	6-1				90		%
Magnesium	24-2	551120.02	547552.85	553976.23	550883.03	0.58	ppb
Manganese	55-2	35.40	35.02	35.48	35.30	0.69	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6695-10A	Instrumnet Name :	P7
Client Sample ID :	MA4Z17A	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 18:46:27	DataFile Name :	078SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.85	4.07	4.02	3.98	2.90	ppb
Molybdenum	95-1	5.60	5.56	5.48	5.54	1.16	ppb
Molybdenum	96-1	4.64	4.79	4.87	4.76	2.40	ppb
Molybdenum	97-1	6.12	6.54	6.88	6.51	5.86	ppb
Molybdenum	98-1	4.73	5.01	4.87	4.87	2.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.08	2.42	2.28	2.26	7.68	ppb
Phosphorus	31-2	104.35	127.56	143.94	125.29	15.88	ppb
Potassium	39-2	174501.72	173093.55	175808.33	174467.87	0.78	ppb
Rhodium	103-1				70		%
Rhodium	103-2				68		%
Scandium	45-1				85		%
Scandium	45-2				83		%
Selenium	77-2	11.47	11.47	5.79	9.58	34.26	ppb
Selenium	78-2	2.50	1.54	1.89	1.97	24.63	ppb
Selenium	82-1	-36.79	-63.02	-68.69	-56.17		ppb
Silicon	28-1	8827.67	9301.62	9492.29	9207.19	3.72	ppb
Silver	109-1	0.14	0.11	0.11	0.12	16.59	ppb
Silver	107-1	0.15	0.14	0.09	0.13	26.81	ppb
Sodium	23-2	4713602.83	4661523.05	4727787.87	4700971.25	0.74	ppb
Strontium	86-1	3331.97	3299.14	3363.76	3331.62	0.97	ppb
Strontium	88-1	3366.39	3346.81	3399.68	3370.96	0.79	ppb
Sulfur	34-1	315649.92	313571.62	317660.04	315627.20	0.65	ppb
Terbium	159-1				77		%
Terbium	159-2				72		%
Thallium	203-1	0.04	0.03	0.04	0.04	18.90	ppb
Thallium	205-1	0.02	0.02	0.04	0.02	48.90	ppb
Tin	118-1	0.32	0.39	0.29	0.33	16.30	ppb
Titanium	47-1	11.24	12.17	11.31	11.57	4.47	ppb
Uranium	238-1	1.60	1.63	1.73	1.65	3.99	ppb
Vanadium	51-2	3.17	3.47	3.53	3.39	5.74	ppb
Yttrium	89-1				80		%
Yttrium	89-2				78		%
Zinc	66-2	7.55	6.93	7.34	7.27	4.32	ppb
Zirconium	90-1	0.20	0.19	0.16	0.19	10.34	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6695-10A	Instrumnet Name :	P7
Client Sample ID :	MA4Z17A	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 18:46:27	DataFile Name :	078SMPL_P7121217 M6

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.23	0.21	0.31	0.25	19.52	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6695-10ADLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z17A	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 18:50:01	DataFile Name :	079SMPL_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52.23	61.36	56.61	56.73	8.05	ppb
Antimony	121-1	0.37	0.36	0.37	0.36	1.98	ppb
Arsenic	75-2	1.01	0.84	0.85	0.90	10.84	ppb
Barium	135-1	7.33	7.10	7.43	7.29	2.34	ppb
Barium	137-1	7.61	7.76	7.23	7.53	3.63	ppb
Beryllium	9-1	0.12	0.10	0.11	0.11	7.95	ppb
Bismuth	209-1				65		%
Bismuth	209-2				63		%
Boron	10-1	908.96	914.77	918.16	913.96	0.51	ppb
Boron	11-1	948.96	965.54	973.90	962.80	1.32	ppb
Cadmium	111-1	-0.09	-0.07	-0.20	-0.12		ppb
Cadmium	106-1	-1.36	-1.16	-2.73	-1.75		ppb
Cadmium	108-1	0.29	0.52	0.30	0.37	35.40	ppb
Calcium	43-1	91975.46	92326.16	93616.86	92639.49	0.93	ppb
Calcium	44-1	93482.43	94575.43	95483.95	94513.93	1.06	ppb
Chromium	52-2	0.85	0.93	0.85	0.88	5.25	ppb
Cobalt	59-2	0.13	0.16	0.19	0.16	17.68	ppb
Copper	63-2	3.42	3.49	3.41	3.44	1.29	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				79		%
Holmium	165-2				75		%
Indium	115-1				76		%
Indium	115-2				75		%
Iron	56-2	90.66	92.02	89.61	90.76	1.33	ppb
Iron	57-2	171.96	171.72	190.68	178.12	6.11	ppb
Lead	206-1	0.45	0.38	0.46	0.43	10.24	ppb
Lead	207-1	0.38	0.40	0.44	0.41	7.79	ppb
Lead	208-1	0.43	0.40	0.42	0.42	3.16	ppb
Lithium	6-1				89		%
Magnesium	24-2	278395.81	279220.85	275673.89	277763.52	0.67	ppb
Manganese	55-2	17.74	18.79	17.78	18.10	3.29	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6695-10ADLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z17A	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 18:50:01	DataFile Name :	079SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.93	2.01	2.01	1.99	2.32	ppb
Molybdenum	95-1	2.75	2.91	2.84	2.83	2.90	ppb
Molybdenum	96-1	2.32	2.36	2.46	2.38	3.03	ppb
Molybdenum	97-1	3.04	3.27	3.16	3.16	3.53	ppb
Molybdenum	98-1	2.41	2.71	2.42	2.51	6.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	0.77	0.78	0.83	12.00	ppb
Phosphorus	31-2	60.96	106.98	81.68	83.21	27.70	ppb
Potassium	39-2	87697.26	88261.07	87374.32	87777.55	0.51	ppb
Rhodium	103-1				73		%
Rhodium	103-2				72		%
Scandium	45-1				86		%
Scandium	45-2				86		%
Selenium	77-2	1.86	5.56	5.48	4.30	49.12	ppb
Selenium	78-2	1.15	1.14	1.10	1.13	2.30	ppb
Selenium	82-1	-74.91	-76.18	-78.90	-76.67		ppb
Silicon	28-1	8658.96	8820.30	9041.88	8840.38	2.17	ppb
Silver	109-1	0.02	0.02	0.04	0.03	47.90	ppb
Silver	107-1	0.02	0.04	0.06	0.04	51.52	ppb
Sodium	23-2	2356929.42	2379312.32	2342649.27	2359630.34	0.78	ppb
Strontium	86-1	1667.30	1672.16	1674.99	1671.48	0.23	ppb
Strontium	88-1	1688.34	1701.60	1703.52	1697.82	0.49	ppb
Sulfur	34-1	162148.20	165020.79	166121.06	164430.02	1.25	ppb
Terbium	159-1				79		%
Terbium	159-2				75		%
Thallium	203-1	-0.01	-0.03	0.01	-0.01		ppb
Thallium	205-1	0.01	-0.01	0.00	0.00	4315.22	ppb
Tin	118-1	0.17	0.16	0.13	0.15	11.52	ppb
Titanium	47-1	5.75	5.60	4.90	5.41	8.32	ppb
Uranium	238-1	0.75	0.80	0.81	0.79	4.14	ppb
Vanadium	51-2	1.98	2.03	1.94	1.98	2.22	ppb
Yttrium	89-1				81		%
Yttrium	89-2				81		%
Zinc	66-2	11.59	11.96	11.34	11.63	2.69	ppb
Zirconium	90-1	0.09	0.07	0.07	0.08	12.34	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6695-10ADLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z17A	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 18:50:01	DataFile Name :	079SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.12	0.12	0.05	0.10	39.65	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCV038	Instrumnet Name :	P7
Client Sample ID :	CCV038	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 18:56:40	DataFile Name :	080CCV_P7121217 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50907.11	50286.21	49613.72	50269.01	1.29	ppb
Antimony	121-1	492.47	490.83	492.16	491.82	0.18	ppb
Arsenic	75-2	518.27	515.72	514.32	516.10	0.39	ppb
Barium	135-1	2547.49	2550.63	2548.83	2548.99	0.06	ppb
Barium	137-1	2575.91	2568.11	2564.22	2569.41	0.23	ppb
Beryllium	9-1	488.67	486.06	485.57	486.77	0.34	ppb
Bismuth	209-1				72		%
Bismuth	209-2				69		%
Boron	10-1	475.52	491.72	491.07	486.10	1.89	ppb
Boron	11-1	488.27	496.36	500.84	495.16	1.29	ppb
Cadmium	111-1	519.90	527.09	522.46	523.15	0.70	ppb
Cadmium	106-1	517.09	530.86	516.10	521.35	1.58	ppb
Cadmium	108-1	513.24	526.65	517.37	519.09	1.32	ppb
Calcium	43-1	252577.44	252460.49	255115.33	253384.42	0.59	ppb
Calcium	44-1	254528.49	251992.65	256381.13	254300.76	0.87	ppb
Chromium	52-2	523.18	514.05	507.33	514.85	1.55	ppb
Cobalt	59-2	504.41	497.15	489.63	497.06	1.49	ppb
Copper	63-2	993.05	976.53	967.59	979.06	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				83		%
Holmium	165-2				77		%
Indium	115-1				79		%
Indium	115-2				75		%
Iron	56-2	127468.51	125454.26	124563.80	125828.85	1.18	ppb
Iron	57-2	124635.48	122869.56	121606.64	123037.23	1.24	ppb
Lead	206-1	533.88	532.56	531.38	532.61	0.23	ppb
Lead	207-1	524.53	526.61	528.19	526.44	0.35	ppb
Lead	208-1	527.75	526.89	528.72	527.79	0.17	ppb
Lithium	6-1				87		%
Magnesium	24-2	261429.88	257907.23	254940.72	258092.61	1.26	ppb
Manganese	55-2	1016.75	1003.67	999.52	1006.65	0.89	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCV038	Instrumnet Name :	P7
Client Sample ID :	CCV038	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 18:56:40	DataFile Name :	080CCV_P7121217 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2574.25	2545.97	2602.27	2574.16	1.09	ppb
Molybdenum	95-1	2568.31	2554.07	2584.76	2569.05	0.60	ppb
Molybdenum	96-1	2540.86	2533.81	2555.07	2543.25	0.43	ppb
Molybdenum	97-1	2530.71	2530.72	2532.26	2531.23	0.04	ppb
Molybdenum	98-1	2575.32	2586.11	2606.37	2589.27	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.70	495.34	489.64	496.56	1.53	ppb
Phosphorus	31-2	10279.10	10718.68	10474.32	10490.70	2.10	ppb
Potassium	39-2	132719.38	130920.24	129890.65	131176.76	1.09	ppb
Rhodium	103-1				76		%
Rhodium	103-2				73		%
Scandium	45-1				86		%
Scandium	45-2				82		%
Selenium	77-2	546.67	548.84	482.25	525.92	7.19	ppb
Selenium	78-2	520.71	520.44	525.49	522.22	0.54	ppb
Selenium	82-1	486.49	490.59	486.67	487.92	0.48	ppb
Silicon	28-1	6779.84	6855.27	7016.70	6883.94	1.76	ppb
Silver	109-1	519.51	523.27	520.86	521.22	0.37	ppb
Silver	107-1	523.34	522.27	521.03	522.21	0.22	ppb
Sodium	23-2	268865.04	264862.35	262044.39	265257.26	1.29	ppb
Strontium	86-1	535.63	535.00	535.88	535.51	0.08	ppb
Strontium	88-1	539.19	536.23	539.17	538.20	0.32	ppb
Sulfur	34-1	17513.36	17409.67	17957.88	17626.97	1.65	ppb
Terbium	159-1				83		%
Terbium	159-2				77		%
Thallium	203-1	534.56	527.72	531.90	531.39	0.65	ppb
Thallium	205-1	539.44	535.95	538.62	538.00	0.34	ppb
Tin	118-1	506.99	506.94	505.30	506.41	0.19	ppb
Titanium	47-1	2531.79	2534.51	2567.17	2544.49	0.77	ppb
Uranium	238-1	530.63	531.95	529.96	530.85	0.19	ppb
Vanadium	51-2	522.87	513.09	507.09	514.35	1.55	ppb
Yttrium	89-1				83		%
Yttrium	89-2				80		%
Zinc	66-2	955.88	951.53	932.97	946.79	1.29	ppb
Zirconium	90-1	519.98	514.37	521.10	518.48	0.70	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCV038	Instrumnet Name :	P7
Client Sample ID :	CCV038	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 18:56:40	DataFile Name :	080CCV_P7121217 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	515.57	508.18	522.71	515.49	1.41	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCB038	Instrumnet Name :	P7
Client Sample ID :	CCB038	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 19:03:24	DataFile Name :	081CCBE_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.72	0.52	1.29	1.18	51.78	ppb
Antimony	121-1	0.41	0.38	0.43	0.41	6.65	ppb
Arsenic	75-2	0.13	0.13	0.17	0.14	18.15	ppb
Barium	135-1	0.01	0.07	0.06	0.04	74.06	ppb
Barium	137-1	0.02	0.05	0.04	0.03	44.78	ppb
Beryllium	9-1	0.37	0.26	0.37	0.33	20.06	ppb
Bismuth	209-1				79		%
Bismuth	209-2				75		%
Boron	10-1	29.51	27.05	25.76	27.44	6.93	ppb
Boron	11-1	28.50	28.44	26.90	27.95	3.24	ppb
Cadmium	111-1	-0.18	-0.29	0.00	-0.16		ppb
Cadmium	106-1	-2.35	-3.62	0.13	-1.94		ppb
Cadmium	108-1	0.27	0.26	0.20	0.24	16.83	ppb
Calcium	43-1	12.70	18.49	11.32	14.17	26.86	ppb
Calcium	44-1	464.11	470.95	490.55	475.20	2.89	ppb
Chromium	52-2	-0.01	0.01	0.02	0.01	198.26	ppb
Cobalt	59-2	-0.03	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.54	0.51	0.55	0.54	4.29	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				84		%
Holmium	165-2				77		%
Indium	115-1				83		%
Indium	115-2				80		%
Iron	56-2	5.15	5.29	5.16	5.20	1.52	ppb
Iron	57-2	5.92	4.48	4.94	5.11	14.41	ppb
Lead	206-1	0.07	0.10	0.08	0.08	17.83	ppb
Lead	207-1	0.06	0.07	0.07	0.06	10.12	ppb
Lead	208-1	0.08	0.07	0.08	0.08	3.07	ppb
Lithium	6-1				91		%
Magnesium	24-2	-31.48	-31.55	-33.22	-32.08		ppb
Manganese	55-2	0.18	0.12	0.13	0.15	20.07	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCB038	Instrumnet Name :	P7
Client Sample ID :	CCB038	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 19:03:24	DataFile Name :	081CCBE_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.48	0.35	0.43	0.42	14.64	ppb
Molybdenum	95-1	0.25	0.30	0.37	0.30	20.11	ppb
Molybdenum	96-1	0.34	0.34	0.31	0.33	5.78	ppb
Molybdenum	97-1	0.46	0.31	0.34	0.37	22.53	ppb
Molybdenum	98-1	0.35	0.36	0.29	0.33	11.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.25	0.01	-0.11		ppb
Phosphorus	31-2	7.86	21.40	26.53	18.60	51.85	ppb
Potassium	39-2	210.25	211.95	217.46	213.22	1.77	ppb
Rhodium	103-1				82		%
Rhodium	103-2				80		%
Scandium	45-1				87		%
Scandium	45-2				83		%
Selenium	77-2	5.49	23.87	16.81	15.39	60.23	ppb
Selenium	78-2	19.16	13.39	16.45	16.33	17.68	ppb
Selenium	82-1	0.96	1.30	1.14	1.13	15.14	ppb
Silicon	28-1	7004.75	6901.40	7106.72	7004.29	1.47	ppb
Silver	109-1	0.00	0.03	0.01	0.01	90.76	ppb
Silver	107-1	0.01	0.02	0.02	0.02	24.63	ppb
Sodium	23-2	3512.92	3483.63	3539.24	3511.93	0.79	ppb
Strontium	86-1	0.07	0.03	0.09	0.06	42.36	ppb
Strontium	88-1	0.02	0.04	0.02	0.03	34.61	ppb
Sulfur	34-1	7738.31	7214.27	7712.81	7555.13	3.91	ppb
Terbium	159-1				84		%
Terbium	159-2				77		%
Thallium	203-1	0.04	0.03	0.03	0.03	19.84	ppb
Thallium	205-1	0.04	0.05	0.05	0.04	12.87	ppb
Tin	118-1	0.24	0.17	0.27	0.22	22.78	ppb
Titanium	47-1	0.35	0.40	0.19	0.31	34.41	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	20.80	ppb
Vanadium	51-2	0.09	0.07	0.11	0.09	25.22	ppb
Yttrium	89-1				84		%
Yttrium	89-2				81		%
Zinc	66-2	0.42	0.69	0.50	0.53	25.81	ppb
Zirconium	90-1	0.11	0.08	0.04	0.08	41.05	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCB038	Instrumnet Name :	P7
Client Sample ID :	CCB038	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 19:03:24	DataFile Name :	081CCBE_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.09	0.11	0.09	14.34	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	PB104817BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 19:57:45	DataFile Name :	082CCBE_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.38	-0.09	0.06	-0.13		ppb
Antimony	121-1	0.00	0.02	0.03	0.02	75.09	ppb
Arsenic	75-2	0.00	0.02	0.08	0.04	116.05	ppb
Barium	135-1	0.04	0.03	0.01	0.02	68.62	ppb
Barium	137-1	0.00	0.01	0.00	0.00	134.06	ppb
Beryllium	9-1	0.04	-0.04	0.02	0.01	495.86	ppb
Bismuth	209-1				82		%
Bismuth	209-2				78		%
Boron	10-1	10.76	10.52	10.33	10.54	2.04	ppb
Boron	11-1	10.09	10.23	10.02	10.11	1.05	ppb
Cadmium	111-1	-0.28	-0.27	-0.35	-0.30		ppb
Cadmium	106-1	-3.32	-3.37	-4.31	-3.67		ppb
Cadmium	108-1	0.12	0.33	0.12	0.19	62.79	ppb
Calcium	43-1	8.35	18.13	14.06	13.51	36.36	ppb
Calcium	44-1	356.07	347.83	356.52	353.47	1.38	ppb
Chromium	52-2	-0.03	0.02	0.02	0.00	650.97	ppb
Cobalt	59-2	-0.04	-0.02	0.01	-0.02		ppb
Copper	63-2	0.51	0.53	0.69	0.57	17.09	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				85		%
Holmium	165-2				81		%
Indium	115-1				85		%
Indium	115-2				83		%
Iron	56-2	-0.20	0.09	0.33	0.07	362.17	ppb
Iron	57-2	-1.91	-1.09	-0.59	-1.20		ppb
Lead	206-1	0.02	0.02	0.01	0.02	20.85	ppb
Lead	207-1	0.02	0.05	0.01	0.03	82.40	ppb
Lead	208-1	0.02	0.03	0.01	0.02	35.32	ppb
Lithium	6-1				90		%
Magnesium	24-2	-19.49	-12.67	-12.33	-14.83		ppb
Manganese	55-2	-0.04	-0.02	0.00	-0.02		ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	PB104817BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 19:57:45	DataFile Name :	082CCBE_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	-0.02	0.04	0.02	166.44	ppb
Molybdenum	95-1	-0.01	0.03	0.02	0.02	128.33	ppb
Molybdenum	96-1	0.00	0.03	-0.01	0.01	344.07	ppb
Molybdenum	97-1	0.02	0.01	0.06	0.03	86.62	ppb
Molybdenum	98-1	0.00	0.00	-0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.69	-0.56	-0.35	-0.53		ppb
Phosphorus	31-2	27.74	6.18	6.17	13.36	93.15	ppb
Potassium	39-2	108.27	101.04	112.21	107.17	5.29	ppb
Rhodium	103-1				85		%
Rhodium	103-2				83		%
Scandium	45-1				89		%
Scandium	45-2				86		%
Selenium	77-2	0.00	3.47	0.00	1.16	173.21	ppb
Selenium	78-2	2.51	3.01	0.75	2.09	56.90	ppb
Selenium	82-1	-0.68	-0.90	-0.54	-0.71		ppb
Silicon	28-1	6914.47	6845.62	6833.02	6864.37	0.64	ppb
Silver	109-1	0.00	0.01	0.00	0.00	256.95	ppb
Silver	107-1	-0.01	0.00	0.00	0.00	2224.98	ppb
Sodium	23-2	1492.44	1431.45	1478.07	1467.32	2.17	ppb
Strontium	86-1	0.09	0.06	0.11	0.09	32.47	ppb
Strontium	88-1	0.04	0.05	0.04	0.04	4.86	ppb
Sulfur	34-1	7128.95	6753.67	6754.51	6879.04	3.15	ppb
Terbium	159-1				85		%
Terbium	159-2				81		%
Thallium	203-1	-0.01	0.00	-0.01	0.00		ppb
Thallium	205-1	0.01	0.01	0.01	0.01	17.99	ppb
Tin	118-1	0.06	0.06	0.07	0.06	8.40	ppb
Titanium	47-1	-0.23	-0.14	-0.16	-0.17		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.05	0.06	0.04	0.05	21.47	ppb
Yttrium	89-1				87		%
Yttrium	89-2				85		%
Zinc	66-2	0.88	0.93	0.89	0.90	2.99	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	PB104817BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 19:57:45	DataFile Name :	082CCBE_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.02	0.06	0.01	0.02	224.61	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	PB104817BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 20:06:22	DataFile Name :	083LCSE_P7121217 M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.00	34.09	39.09	37.06	7.10	ppb
Antimony	121-1	3.66	3.69	3.56	3.63	1.93	ppb
Arsenic	75-2	1.71	1.73	1.78	1.74	2.22	ppb
Barium	135-1	17.75	19.28	17.89	18.31	4.60	ppb
Barium	137-1	18.91	18.86	18.26	18.68	1.95	ppb
Beryllium	9-1	1.86	1.73	1.83	1.80	3.77	ppb
Bismuth	209-1				80		%
Bismuth	209-2				77		%
Boron	10-1	48.47	47.84	51.58	49.30	4.07	ppb
Boron	11-1	49.13	51.13	50.62	50.29	2.07	ppb
Cadmium	111-1	1.33	1.81	1.41	1.52	16.98	ppb
Cadmium	106-1	-4.24	-0.34	-2.66	-2.41		ppb
Cadmium	108-1	1.68	1.92	1.55	1.72	11.15	ppb
Calcium	43-1	912.42	934.54	963.35	936.77	2.73	ppb
Calcium	44-1	1335.40	1345.98	1327.01	1336.13	0.71	ppb
Chromium	52-2	3.88	4.04	3.74	3.89	3.85	ppb
Cobalt	59-2	1.84	1.95	1.89	1.89	2.97	ppb
Copper	63-2	4.48	4.56	4.30	4.45	2.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				84		%
Holmium	165-2				79		%
Indium	115-1				83		%
Indium	115-2				81		%
Iron	56-2	427.08	427.47	422.99	425.85	0.58	ppb
Iron	57-2	434.27	429.46	411.52	425.08	2.82	ppb
Lead	206-1	1.90	1.96	1.91	1.92	1.50	ppb
Lead	207-1	1.89	1.92	1.94	1.92	1.33	ppb
Lead	208-1	1.90	1.90	1.89	1.90	0.38	ppb
Lithium	6-1				88		%
Magnesium	24-2	913.29	901.68	895.36	903.44	1.01	ppb
Manganese	55-2	1.79	2.12	1.74	1.88	11.08	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	PB104817BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 20:06:22	DataFile Name :	083LCSE_P7121217 M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.36	8.94	10.07	9.46	6.05	ppb
Molybdenum	95-1	9.44	9.74	9.33	9.50	2.23	ppb
Molybdenum	96-1	9.36	9.10	8.89	9.12	2.56	ppb
Molybdenum	97-1	9.01	9.01	9.49	9.17	3.02	ppb
Molybdenum	98-1	9.35	9.17	8.91	9.14	2.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.51	1.45	1.41	1.46	3.38	ppb
Phosphorus	31-2	44.71	78.92	12.73	45.45	72.82	ppb
Potassium	39-2	1055.66	1030.93	1028.58	1038.39	1.44	ppb
Rhodium	103-1				82		%
Rhodium	103-2				81		%
Scandium	45-1				86		%
Scandium	45-2				85		%
Selenium	77-2	10.80	14.38	8.96	11.38	24.21	ppb
Selenium	78-2	16.40	10.67	11.54	12.87	23.99	ppb
Selenium	82-1	8.56	8.85	10.81	9.41	13.01	ppb
Silicon	28-1	7416.09	7455.34	7379.89	7417.11	0.51	ppb
Silver	109-1	1.98	2.03	1.81	1.94	5.95	ppb
Silver	107-1	1.93	1.91	2.03	1.96	3.12	ppb
Sodium	23-2	2375.36	2327.05	2277.24	2326.55	2.11	ppb
Strontium	86-1	2.08	1.98	2.06	2.04	2.53	ppb
Strontium	88-1	2.04	1.95	1.89	1.96	3.71	ppb
Sulfur	34-1	8095.90	8237.04	7902.25	8078.40	2.08	ppb
Terbium	159-1				83		%
Terbium	159-2				79		%
Thallium	203-1	1.89	1.94	1.97	1.93	2.06	ppb
Thallium	205-1	1.88	1.92	1.87	1.89	1.24	ppb
Tin	118-1	9.32	9.43	9.15	9.30	1.49	ppb
Titanium	47-1	9.29	10.15	9.38	9.61	4.90	ppb
Uranium	238-1	1.80	1.75	1.72	1.75	2.40	ppb
Vanadium	51-2	9.49	9.43	8.71	9.21	4.76	ppb
Yttrium	89-1				84		%
Yttrium	89-2				84		%
Zinc	66-2	4.05	4.79	4.32	4.39	8.49	ppb
Zirconium	90-1	1.91	1.87	1.96	1.91	2.23	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	PB104817BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 20:06:22	DataFile Name :	083LCSE_P7121217 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.09	1.84	2.08	2.00	7.04	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6756-21	Instrumnet Name :	P7
Client Sample ID :	MA4Z80	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 20:14:09	DataFile Name :	084SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.87	1.42	0.59	0.96	44.40	ppb
Antimony	121-1	0.01	0.01	0.00	0.01	40.61	ppb
Arsenic	75-2	0.00	0.00	-0.02	0.00		ppb
Barium	135-1	0.13	0.19	0.19	0.17	21.22	ppb
Barium	137-1	0.20	0.18	0.12	0.17	24.04	ppb
Beryllium	9-1	0.02	0.01	0.00	0.01	67.97	ppb
Bismuth	209-1				88		%
Bismuth	209-2				83		%
Boron	10-1	7.08	6.65	7.01	6.91	3.33	ppb
Boron	11-1	7.74	7.54	7.71	7.66	1.45	ppb
Cadmium	111-1	-0.38	-0.41	-0.28	-0.36		ppb
Cadmium	106-1	-4.78	-5.08	-3.72	-4.53		ppb
Cadmium	108-1	-0.09	-0.09	-0.09	-0.09		ppb
Calcium	43-1	7.21	2.50	4.58	4.76	49.53	ppb
Calcium	44-1	283.11	303.22	260.91	282.41	7.49	ppb
Chromium	52-2	0.09	0.06	0.00	0.05	88.98	ppb
Cobalt	59-2	-0.06	-0.03	-0.04	-0.05		ppb
Copper	63-2	0.38	0.51	0.34	0.41	21.31	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				91		%
Holmium	165-2				85		%
Indium	115-1				91		%
Indium	115-2				87		%
Iron	56-2	1.21	1.17	1.11	1.16	4.24	ppb
Iron	57-2	-1.17	1.64	2.84	1.10	186.81	ppb
Lead	206-1	0.05	0.05	0.06	0.05	10.72	ppb
Lead	207-1	0.02	0.06	0.04	0.04	41.76	ppb
Lead	208-1	0.03	0.05	0.04	0.04	15.71	ppb
Lithium	6-1				96		%
Magnesium	24-2	-3.30	-4.42	-5.43	-4.38		ppb
Manganese	55-2	0.04	0.07	0.04	0.05	31.94	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6756-21	Instrumnet Name :	P7
Client Sample ID :	MA4Z80	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 20:14:09	DataFile Name :	084SMPL_P7121217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.01	0.00	0.02	154.79	ppb
Molybdenum	95-1	0.01	0.03	-0.01	0.01	227.57	ppb
Molybdenum	96-1	0.00	-0.01	-0.02	-0.01		ppb
Molybdenum	97-1	0.01	0.01	0.00	0.01	4.12	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.58	-0.43	-0.51	-0.50		ppb
Phosphorus	31-2	-8.07	14.54	23.38	9.95	163.06	ppb
Potassium	39-2	77.65	72.91	77.68	76.08	3.61	ppb
Rhodium	103-1				90		%
Rhodium	103-2				87		%
Scandium	45-1				95		%
Scandium	45-2				91		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.36	1.75	0.90	1.00	70.19	ppb
Selenium	82-1	-0.59	-0.68	0.41	-0.29		ppb
Silicon	28-1	5783.64	6008.14	5639.00	5810.26	3.20	ppb
Silver	109-1	0.00	0.00	0.00	0.00	125.88	ppb
Silver	107-1	0.02	-0.02	-0.01	0.00		ppb
Sodium	23-2	1158.55	1140.36	1153.65	1150.85	0.82	ppb
Strontium	86-1	0.09	0.06	0.08	0.08	15.26	ppb
Strontium	88-1	0.05	0.04	0.04	0.04	19.94	ppb
Sulfur	34-1	4378.29	4893.51	4105.16	4458.99	8.98	ppb
Terbium	159-1				91		%
Terbium	159-2				85		%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	-0.03	-0.08	-0.01	-0.04		ppb
Titanium	47-1	-0.27	-0.27	-0.24	-0.26		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.04	0.06	0.05	0.05	18.64	ppb
Yttrium	89-1				92		%
Yttrium	89-2				89		%
Zinc	66-2	-0.07	0.16	0.21	0.10	154.42	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	155.33	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6756-21	Instrumnet Name :	P7
Client Sample ID :	MA4Z80	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 20:14:09	DataFile Name :	084SMPL_P7121217 M6

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

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCV039	Instrumnet Name :	P7
Client Sample ID :	CCV039	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 20:17:41	DataFile Name :	085CCV_P7121217 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49783.49	49289.05	49558.68	49543.74	0.50	ppb
Antimony	121-1	478.05	484.44	486.20	482.90	0.89	ppb
Arsenic	75-2	509.12	499.10	501.68	503.30	1.03	ppb
Barium	135-1	2467.32	2477.85	2480.41	2475.19	0.28	ppb
Barium	137-1	2480.82	2483.25	2502.10	2488.72	0.47	ppb
Beryllium	9-1	489.84	487.98	492.33	490.05	0.44	ppb
Bismuth	209-1				73		%
Bismuth	209-2				69		%
Boron	10-1	453.81	465.48	477.00	465.43	2.49	ppb
Boron	11-1	463.61	475.68	479.10	472.80	1.72	ppb
Cadmium	111-1	502.91	501.18	504.92	503.00	0.37	ppb
Cadmium	106-1	487.77	498.53	496.91	494.41	1.17	ppb
Cadmium	108-1	506.47	496.30	505.73	502.83	1.13	ppb
Calcium	43-1	248275.55	245153.45	245684.66	246371.22	0.68	ppb
Calcium	44-1	245211.31	243681.49	245145.04	244679.28	0.35	ppb
Chromium	52-2	504.05	501.38	503.61	503.01	0.28	ppb
Cobalt	59-2	486.74	489.81	487.91	488.16	0.32	ppb
Copper	63-2	964.58	960.46	958.14	961.06	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				82		%
Holmium	165-2				77		%
Indium	115-1				78		%
Indium	115-2				75		%
Iron	56-2	121904.85	121298.03	121315.42	121506.10	0.28	ppb
Iron	57-2	120379.90	120505.83	120542.35	120476.03	0.07	ppb
Lead	206-1	512.50	511.35	511.60	511.82	0.12	ppb
Lead	207-1	505.43	510.42	509.82	508.56	0.54	ppb
Lead	208-1	509.20	510.25	511.08	510.18	0.18	ppb
Lithium	6-1				83		%
Magnesium	24-2	251249.40	249822.86	250599.00	250557.08	0.29	ppb
Manganese	55-2	992.41	979.82	982.77	985.00	0.67	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCV039	Instrumnet Name :	P7
Client Sample ID :	CCV039	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 20:17:41	DataFile Name :	085CCV_P7121217 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2486.61	2503.27	2515.51	2501.80	0.58	ppb
Molybdenum	95-1	2475.18	2492.32	2506.16	2491.22	0.62	ppb
Molybdenum	96-1	2447.61	2473.08	2485.55	2468.75	0.78	ppb
Molybdenum	97-1	2467.17	2464.66	2473.55	2468.46	0.19	ppb
Molybdenum	98-1	2506.99	2512.32	2517.46	2512.26	0.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	489.20	486.09	482.15	485.81	0.73	ppb
Phosphorus	31-2	10400.85	9782.98	9813.69	9999.17	3.48	ppb
Potassium	39-2	127772.06	126931.16	127334.37	127345.86	0.33	ppb
Rhodium	103-1				74		%
Rhodium	103-2				72		%
Scandium	45-1				83		%
Scandium	45-2				81		%
Selenium	77-2	527.06	524.12	518.71	523.29	0.81	ppb
Selenium	78-2	506.70	494.31	516.07	505.69	2.16	ppb
Selenium	82-1	501.78	508.23	494.63	501.55	1.36	ppb
Silicon	28-1	7420.91	7424.13	7574.05	7473.03	1.17	ppb
Silver	109-1	500.74	501.06	502.90	501.56	0.23	ppb
Silver	107-1	500.10	503.28	504.22	502.53	0.43	ppb
Sodium	23-2	253461.71	254092.29	254583.31	254045.77	0.22	ppb
Strontium	86-1	512.41	522.23	520.54	518.39	1.01	ppb
Strontium	88-1	520.23	523.57	526.34	523.38	0.58	ppb
Sulfur	34-1	16568.41	16124.46	16065.54	16252.80	1.69	ppb
Terbium	159-1				82		%
Terbium	159-2				76		%
Thallium	203-1	510.29	510.12	513.89	511.43	0.42	ppb
Thallium	205-1	516.95	515.78	518.84	517.19	0.30	ppb
Tin	118-1	481.18	486.33	487.05	484.85	0.66	ppb
Titanium	47-1	2500.67	2477.75	2488.53	2488.98	0.46	ppb
Uranium	238-1	516.96	504.77	510.10	510.61	1.20	ppb
Vanadium	51-2	508.56	502.10	505.97	505.54	0.64	ppb
Yttrium	89-1				81		%
Yttrium	89-2				80		%
Zinc	66-2	936.20	928.52	919.94	928.22	0.88	ppb
Zirconium	90-1	500.05	504.74	506.49	503.76	0.66	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCV039	Instrumnet Name :	P7
Client Sample ID :	CCV039	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 20:17:41	DataFile Name :	085CCV_P7121217 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	501.64	501.97	501.85	501.82	0.03	ppb

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : CCB039 Instrumnet Name : P7
 Client Sample ID : CCB039 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 20:24:22 DataFile Name : 086CCBE_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.47	4.46	4.75	4.89	10.59	ppb
Antimony	121-1	0.53	0.46	0.40	0.47	13.84	ppb
Arsenic	75-2	0.08	0.07	0.06	0.07	15.57	ppb
Barium	135-1	0.14	0.13	0.13	0.14	4.01	ppb
Barium	137-1	0.12	0.12	0.11	0.12	5.78	ppb
Beryllium	9-1	0.42	0.41	0.35	0.39	9.43	ppb
Bismuth	209-1				80		%
Bismuth	209-2				77		%
Boron	10-1	10.40	11.51	12.23	11.38	8.13	ppb
Boron	11-1	11.42	11.47	11.51	11.47	0.37	ppb
Cadmium	111-1	-0.32	-0.33	-0.31	-0.32		ppb
Cadmium	106-1	-3.95	-4.13	-4.10	-4.06		ppb
Cadmium	108-1	0.05	-0.02	0.06	0.03	129.50	ppb
Calcium	43-1	27.64	23.05	22.95	24.55	10.90	ppb
Calcium	44-1	394.12	398.90	395.61	396.21	0.62	ppb
Chromium	52-2	-0.01	0.01	-0.01	0.00		ppb
Cobalt	59-2	0.00	-0.01	-0.02	-0.01		ppb
Copper	63-2	0.55	0.55	0.48	0.52	7.81	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				83		%
Holmium	165-2				79		%
Indium	115-1				82		%
Indium	115-2				81		%
Iron	56-2	6.27	5.58	5.49	5.78	7.40	ppb
Iron	57-2	7.32	7.17	7.68	7.39	3.55	ppb
Lead	206-1	0.05	0.06	0.08	0.06	28.54	ppb
Lead	207-1	0.09	0.08	0.04	0.07	35.20	ppb
Lead	208-1	0.08	0.06	0.07	0.07	13.97	ppb
Lithium	6-1				86		%
Magnesium	24-2	-31.92	-35.40	-32.49	-33.27		ppb
Manganese	55-2	0.07	0.08	0.17	0.11	55.71	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCB039	Instrumnet Name :	P7
Client Sample ID :	CCB039	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 20:24:22	DataFile Name :	086CCBE_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.38	0.36	0.30	0.35	12.77	ppb
Molybdenum	95-1	0.34	0.38	0.28	0.33	15.28	ppb
Molybdenum	96-1	0.38	0.26	0.28	0.31	22.28	ppb
Molybdenum	97-1	0.33	0.30	0.30	0.31	5.13	ppb
Molybdenum	98-1	0.22	0.35	0.37	0.31	26.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.57	-0.69	-0.54	-0.60		ppb
Phosphorus	31-2	4.46	5.20	33.14	14.27	114.62	ppb
Potassium	39-2	104.41	108.00	113.46	108.62	4.20	ppb
Rhodium	103-1				82		%
Rhodium	103-2				80		%
Scandium	45-1				85		%
Scandium	45-2				83		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.06	0.19	1.99	1.08	83.64	ppb
Selenium	82-1	0.74	0.16	-0.46	0.15	404.60	ppb
Silicon	28-1	7354.28	7396.45	7262.79	7337.84	0.93	ppb
Silver	109-1	0.02	0.01	0.00	0.01	72.44	ppb
Silver	107-1	0.00	0.01	0.00	0.00	104.28	ppb
Sodium	23-2	1110.99	1135.91	1119.23	1122.04	1.13	ppb
Strontium	86-1	0.10	0.09	0.07	0.09	15.77	ppb
Strontium	88-1	0.05	0.06	0.05	0.05	12.15	ppb
Sulfur	34-1	6150.14	6437.69	6119.19	6235.67	2.82	ppb
Terbium	159-1				83		%
Terbium	159-2				79		%
Thallium	203-1	0.03	0.03	0.03	0.03	5.30	ppb
Thallium	205-1	0.06	0.05	0.04	0.05	21.44	ppb
Tin	118-1	0.15	0.18	0.21	0.18	16.92	ppb
Titanium	47-1	-0.04	-0.02	-0.07	-0.04		ppb
Uranium	238-1	0.00	0.01	0.00	0.00	54.75	ppb
Vanadium	51-2	0.07	0.06	0.04	0.06	28.13	ppb
Yttrium	89-1				83		%
Yttrium	89-2				83		%
Zinc	66-2	0.76	0.96	1.14	0.96	19.83	ppb
Zirconium	90-1	0.08	0.07	0.08	0.08	9.68	ppb

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCB039	Instrumnet Name :	P7
Client Sample ID :	CCB039	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 20:24:22	DataFile Name :	086CCBE_P7121217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.15	0.07	0.04	0.09	64.47	ppb

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : S00 Instrumnet Name : P7
 Client Sample ID : S00 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 13:19:51 DataFile Name : 003CALB_P7121217 M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	42	25	25	66.68	cps
Antimony	121-1	158	67	58	94	58.75	cps
Arsenic	75-2	2	2	2	2	0.00	cps
Barium	135-1	42	33	25	33	25.01	cps
Barium	137-1	42	42	42	42	0.00	cps
Beryllium	9-1	300	211	183	231	26.33	cps
Bismuth	209-1	5573492	5518438	5555639	5549189	0.51	cps
Bismuth	209-2	2951704	2938912	2952412	2947676	0.26	cps
Boron	10-1	217	225	292	244	16.82	cps
Boron	11-1	1008	1267	1158	1145	11.34	cps
Cadmium	111-1	2112	1879	1690	1894	11.16	cps
Cadmium	106-1	3025	2692	2425	2714	11.08	cps
Cadmium	108-1	8	8	17	11	43.34	cps
Calcium	43-1	117	125	133	125	6.67	cps
Calcium	44-1	146654	146384	149213	147417	1.06	cps
Chromium	52-2	147	160	123	143	12.95	cps
Cobalt	59-2	120	143	183	149	21.51	cps
Copper	63-2	830	827	847	834	1.28	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	83	25	50	53	55.46	cps
Erbium	164-2	3	0	17	7	132.33	cps
Gadolinium	160-1	42	25	8	25	66.68	cps
Gadolinium	160-2	47	23	27	32	39.17	cps
Holmium	165-1	7627467	7615249	7633913	7625543	0.12	cps
Holmium	165-2	3637782	3628807	3644616	3637068	0.22	cps
Indium	115-1	5292377	5266121	5256511	5271670	0.35	cps
Indium	115-2	897566	890775	899403	895915	0.51	cps
Iron	56-2	4762	4718	4806	4762	0.93	cps
Iron	57-2	122	172	178	157	19.44	cps
Lead	206-1	333	400	383	372	9.32	cps
Lead	207-1	356	406	300	354	14.93	cps
Lead	208-1	1628	1556	1456	1546	5.59	cps
Lithium	6-1	5585351	5565846	5582701	5577966	0.19	cps
Magnesium	24-2	9704	9712	10120	9845	2.42	cps
Manganese	55-2	80	60	63	68	15.81	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:19:51	DataFile Name :	003CALB_P7121217 M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	108	125	150	128	16.41	cps
Molybdenum	95-1	50	67	25	47	44.41	cps
Molybdenum	96-1	133	117	42	97	50.22	cps
Molybdenum	97-1	25	25	42	31	31.50	cps
Molybdenum	98-1	83	75	92	83	10.00	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	803	780	703	762	6.86	cps
Phosphorus	31-2	292	208	133	211	37.52	cps
Potassium	39-2	28227	27526	27184	27646	1.92	cps
Rhodium	103-1	4555595	4545522	4525766	4542294	0.33	cps
Rhodium	103-2	2110362	2096810	2123235	2110135	0.63	cps
Scandium	45-1	4013883	3975296	4004311	3997830	0.50	cps
Scandium	45-2	170103	169941	171152	170399	0.39	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	11	9	9	10	10.81	cps
Selenium	82-1	-57	-43	-24	-41	-39.91	cps
Silicon	28-1	38890970	39085925	38906870	38961255	0.28	cps
Silver	109-1	33	58	25	39	44.62	cps
Silver	107-1	92	75	75	81	11.95	cps
Sodium	23-2	40530	40848	39804	40394	1.33	cps
Strontium	86-1	242	267	167	225	23.13	cps
Strontium	88-1	500	333	433	422	19.87	cps
Sulfur	34-1	554973	550667	553622	553087	0.40	cps
Terbium	159-1	7657912	7703709	7713286	7691635	0.38	cps
Terbium	159-2	3526726	3517932	3503546	3516068	0.33	cps
Thallium	203-1	167	167	192	175	8.25	cps
Thallium	205-1	325	267	500	364	33.37	cps
Tin	118-1	483	317	400	400	20.83	cps
Titanium	47-1	383	333	383	367	7.87	cps
Uranium	238-1	58	58	33	50	28.88	cps
Vanadium	51-2	7	3	3	4	43.40	cps
Yttrium	89-1	5177653	5172652	5207921	5186075	0.37	cps
Yttrium	89-2	669931	665549	668914	668131	0.34	cps
Zinc	66-2	140	133	120	131	7.77	cps
Zirconium	90-1	392	200	333	308	31.86	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:19:51	DataFile Name :	003CALB_P7121217 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	58	58	72	33.31	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:27:52	DataFile Name :	005CALS_P7121217 M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1267	1283	1283	1278	0.75	cps
Antimony	121-1	7269	7319	7235	7274	0.58	cps
Arsenic	75-2	137	111	100	116	16.38	cps
Barium	135-1	8678	8761	9162	8867	2.92	cps
Barium	137-1	15401	15334	15635	15457	1.02	cps
Beryllium	9-1	2489	2467	2072	2343	10.01	cps
Bismuth	209-1	5513104	5667248	5659736	5613363	1.55	cps
Bismuth	209-2	2821709	2922775	2909425	2884636	1.90	cps
Boron	10-1	6385	6869	6452	6568	3.99	cps
Boron	11-1	27200	28035	27910	27715	1.62	cps
Cadmium	111-1	2811	2678	3106	2865	7.65	cps
Cadmium	106-1	2884	2909	3251	3014	6.80	cps
Cadmium	108-1	71	83	88	81	10.77	cps
Calcium	43-1	6685	6535	6860	6693	2.43	cps
Calcium	44-1	255477	258301	252510	255430	1.13	cps
Chromium	52-2	2630	2727	2670	2676	1.82	cps
Cobalt	59-2	1863	1753	1893	1837	4.01	cps
Copper	63-2	3424	3234	3314	3324	2.87	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	33	8	28	62.46	cps
Erbium	164-2	17	3	7	9	78.08	cps
Gadolinium	160-1	25	17	17	19	24.73	cps
Gadolinium	160-2	20	30	33	28	24.98	cps
Holmium	165-1	7664081	7816376	7784538	7754998	1.04	cps
Holmium	165-2	3530095	3605231	3604073	3579800	1.20	cps
Indium	115-1	5288730	5372094	5348377	5336400	0.80	cps
Indium	115-2	867284	889604	889880	882256	1.47	cps
Iron	56-2	50515	50861	51256	50877	0.73	cps
Iron	57-2	1295	1161	1189	1215	5.79	cps
Lead	206-1	3967	4023	4267	4086	3.91	cps
Lead	207-1	3473	3873	3439	3595	6.71	cps
Lead	208-1	16032	16532	16738	16434	2.21	cps
Lithium	6-1	5528387	5594929	5584074	5569130	0.64	cps
Magnesium	24-2	86089	84874	86457	85807	0.97	cps
Manganese	55-2	740	723	707	723	2.30	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:27:52	DataFile Name :	005CALS_P7121217 M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6577	6368	6243	6396	2.63	cps
Molybdenum	95-1	8419	7836	8686	8314	5.23	cps
Molybdenum	96-1	9128	9003	8703	8945	2.44	cps
Molybdenum	97-1	4793	4976	4876	4882	1.88	cps
Molybdenum	98-1	13215	12756	13040	13004	1.78	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1273	1177	1270	1240	4.43	cps
Phosphorus	31-2	192	275	183	217	23.40	cps
Potassium	39-2	74244	73993	75367	74535	0.98	cps
Rhodium	103-1	4533951	4641367	4617418	4597579	1.23	cps
Rhodium	103-2	2036250	2090014	2086602	2070955	1.45	cps
Scandium	45-1	4007687	4091421	4124333	4074480	1.48	cps
Scandium	45-2	162608	166917	168232	165919	1.77	cps
Selenium	77-2	23	7	10	13	66.12	cps
Selenium	78-2	54	67	35	52	30.51	cps
Selenium	82-1	273	250	220	248	10.78	cps
Silicon	28-1	39067631	39460805	39059544	39195993	0.59	cps
Silver	109-1	4026	3684	4076	3929	5.43	cps
Silver	107-1	4201	4684	4268	4384	5.98	cps
Sodium	23-2	185861	182733	182800	183798	0.97	cps
Strontium	86-1	1308	1375	1217	1300	6.12	cps
Strontium	88-1	10187	10171	9695	10018	2.79	cps
Sulfur	34-1	560542	555560	564334	560146	0.79	cps
Terbium	159-1	7666770	7810683	7811928	7763127	1.07	cps
Terbium	159-2	3405342	3479944	3475328	3453538	1.21	cps
Thallium	203-1	4568	4409	4543	4507	1.89	cps
Thallium	205-1	11122	11022	11038	11061	0.48	cps
Tin	118-1	14975	13774	14800	14516	4.47	cps
Titanium	47-1	3267	3109	2792	3056	7.92	cps
Uranium	238-1	14976	15126	15543	15215	1.93	cps
Vanadium	51-2	4527	4514	4574	4539	0.69	cps
Yttrium	89-1	5194954	5280046	5296629	5257210	1.04	cps
Yttrium	89-2	648264	664384	662038	658229	1.32	cps
Zinc	66-2	473	550	520	514	7.51	cps
Zirconium	90-1	5226	5868	5360	5485	6.18	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:27:52	DataFile Name :	005CALS_P7121217 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1150	1292	1258	1233	6.01	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : S03 Instrumnet Name : P7
 Client Sample ID : S03 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 13:31:43 DataFile Name : 006CAL5_P7121217 M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	65653	63996	65895	65181	1.59	cps
Antimony	121-1	193204	194765	196860	194943	0.94	cps
Arsenic	75-2	5455	5453	5345	5418	1.15	cps
Barium	135-1	235529	239165	240285	238326	1.04	cps
Barium	137-1	416070	412987	417752	415603	0.58	cps
Beryllium	9-1	116555	117232	117154	116980	0.32	cps
Bismuth	209-1	5524768	5455451	5698793	5559671	2.25	cps
Bismuth	209-2	2958064	2765334	2996602	2906667	4.26	cps
Boron	10-1	13765	13423	13732	13640	1.38	cps
Boron	11-1	59200	60831	61325	60452	1.84	cps
Cadmium	111-1	48103	49224	47374	48234	1.93	cps
Cadmium	106-1	8086	8294	8178	8186	1.28	cps
Cadmium	108-1	3505	3605	3563	3557	1.41	cps
Calcium	43-1	70208	69389	69322	69640	0.71	cps
Calcium	44-1	1261720	1267078	1257694	1262164	0.37	cps
Chromium	52-2	59583	60487	60808	60293	1.05	cps
Cobalt	59-2	93190	93737	93415	93447	0.29	cps
Copper	63-2	130835	132473	132527	131945	0.73	cps
Dysprosium	156-1	0	17	33	17	99.99	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	8	25	25	19	49.50	cps
Erbium	164-2	10	17	10	12	31.50	cps
Gadolinium	160-1	42	8	42	31	62.99	cps
Gadolinium	160-2	20	30	27	26	19.92	cps
Holmium	165-1	7619577	7611244	7831547	7687456	1.62	cps
Holmium	165-2	3673948	3472507	3685660	3610705	3.32	cps
Indium	115-1	5231246	5200456	5398344	5276682	2.02	cps
Indium	115-2	900462	846088	898367	881639	3.49	cps
Iron	56-2	2480238	2479453	2492622	2484104	0.30	cps
Iron	57-2	60240	61501	60982	60908	1.04	cps
Lead	206-1	193321	194026	192811	193386	0.32	cps
Lead	207-1	179048	176780	173735	176521	1.51	cps
Lead	208-1	794997	795539	787454	792663	0.57	cps
Lithium	6-1	5492718	5492690	5636852	5540754	1.50	cps
Magnesium	24-2	826083	829219	832077	829126	0.36	cps
Manganese	55-2	66781	67095	66663	66847	0.33	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:31:43	DataFile Name :	006CAL5_P7121217 M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	347853	353015	346333	349067	1.00	cps
Molybdenum	95-1	430369	430112	430939	430473	0.10	cps
Molybdenum	96-1	473032	477028	474121	474727	0.44	cps
Molybdenum	97-1	263528	266024	265675	265075	0.51	cps
Molybdenum	98-1	690987	692166	689769	690974	0.17	cps
Neodymium	150-1	27	47	47	40	28.87	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	24420	25345	25042	24936	1.89	cps
Phosphorus	31-2	2800	3175	2809	2928	7.31	cps
Potassium	39-2	279951	279386	280969	280102	0.29	cps
Rhodium	103-1	4491157	4434947	4584519	4503541	1.68	cps
Rhodium	103-2	2107749	1985550	2110817	2068038	3.46	cps
Scandium	45-1	3977486	3953428	4176274	4035729	3.03	cps
Scandium	45-2	171540	159236	173456	168077	4.59	cps
Selenium	77-2	100	93	90	94	5.39	cps
Selenium	78-2	356	409	356	373	8.30	cps
Selenium	82-1	2680	2841	2831	2784	3.25	cps
Silicon	28-1	38858316	39061662	38610990	38843656	0.58	cps
Silver	109-1	213113	211661	212598	212457	0.35	cps
Silver	107-1	221253	220931	220364	220850	0.20	cps
Sodium	23-2	1601453	1598798	1609507	1603252	0.35	cps
Strontium	86-1	58294	57458	58219	57990	0.80	cps
Strontium	88-1	506505	507412	510891	508269	0.46	cps
Sulfur	34-1	578769	574657	575244	576224	0.39	cps
Terbium	159-1	7698433	7596247	7889721	7728133	1.93	cps
Terbium	159-2	3547011	3344822	3534180	3475337	3.26	cps
Thallium	203-1	237600	236185	234880	236222	0.58	cps
Thallium	205-1	573533	565088	566251	568291	0.81	cps
Tin	118-1	156740	159208	155241	157063	1.28	cps
Titanium	47-1	155098	154912	154937	154982	0.06	cps
Uranium	238-1	835895	832090	835744	834576	0.26	cps
Vanadium	51-2	49720	49336	50660	49905	1.37	cps
Yttrium	89-1	5183297	5123906	5297938	5201714	1.70	cps
Yttrium	89-2	674130	638388	672024	661514	3.03	cps
Zinc	66-2	18001	18312	17711	18008	1.67	cps
Zirconium	90-1	298661	298055	291628	296115	1.32	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:31:43	DataFile Name :	006CALS_P7121217 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	65618	64505	65324	65149	0.89	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P7
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 13:35:34 DataFile Name : 007CAL5_P7121217 M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	160594	158499	158921	159338	0.70	cps
Antimony	121-1	490235	490798	499062	493365	1.00	cps
Arsenic	75-2	13334	13534	13493	13454	0.79	cps
Barium	135-1	599380	604611	592552	598848	1.01	cps
Barium	137-1	1043986	1039554	1040577	1041372	0.22	cps
Beryllium	9-1	292942	289897	289646	290828	0.63	cps
Bismuth	209-1	5535769	5433791	5644365	5537975	1.90	cps
Bismuth	209-2	2900159	2869578	2837111	2868949	1.10	cps
Boron	10-1	33238	34040	34591	33956	2.00	cps
Boron	11-1	146024	148994	151158	148725	1.73	cps
Cadmium	111-1	117572	116074	116081	116576	0.74	cps
Cadmium	106-1	16268	16193	15759	16074	1.71	cps
Cadmium	108-1	8832	9228	9049	9036	2.19	cps
Calcium	43-1	176650	174872	174509	175344	0.65	cps
Calcium	44-1	2959204	2951472	2935491	2948722	0.41	cps
Chromium	52-2	148818	149434	149569	149274	0.27	cps
Cobalt	59-2	229725	231800	230844	230790	0.45	cps
Copper	63-2	321020	325144	323401	323188	0.64	cps
Dysprosium	156-1	8	33	33	25	57.75	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	17	8	33	19	65.47	cps
Erbium	164-2	30	17	3	17	80.01	cps
Gadolinium	160-1	17	25	58	33	66.14	cps
Gadolinium	160-2	40	23	30	31	26.97	cps
Holmium	165-1	7705650	7581096	7830886	7705877	1.62	cps
Holmium	165-2	3611017	3602749	3561705	3591824	0.74	cps
Indium	115-1	5241920	5170625	5355320	5255955	1.77	cps
Indium	115-2	881479	873285	867270	874011	0.82	cps
Iron	56-2	6115851	6159042	6131012	6135302	0.36	cps
Iron	57-2	148700	150732	150003	149812	0.69	cps
Lead	206-1	485599	486861	485746	486069	0.14	cps
Lead	207-1	438695	439767	440038	439500	0.16	cps
Lead	208-1	1975376	1978058	1973575	1975670	0.11	cps
Lithium	6-1	5534742	5490190	5579131	5534688	0.80	cps
Magnesium	24-2	2041673	2053540	2036896	2044037	0.42	cps
Manganese	55-2	163486	166812	165313	165204	1.01	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:35:34	DataFile Name :	007CAL5_P7121217 M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	872923	879128	870675	874242	0.50	cps
Molybdenum	95-1	1067384	1074224	1076242	1072617	0.43	cps
Molybdenum	96-1	1188944	1192949	1183874	1188589	0.38	cps
Molybdenum	97-1	669778	668243	668992	669005	0.11	cps
Molybdenum	98-1	1739482	1744267	1729451	1737733	0.44	cps
Neodymium	150-1	100	100	60	87	26.65	cps
Neodymium	150-2	10	0	3	4	114.60	cps
Nickel	60-2	60732	61080	60183	60665	0.75	cps
Phosphorus	31-2	6910	7494	7085	7163	4.18	cps
Potassium	39-2	653081	662381	657823	657762	0.71	cps
Rhodium	103-1	4491927	4435406	4572111	4499815	1.53	cps
Rhodium	103-2	2063517	2038340	2015530	2039129	1.18	cps
Scandium	45-1	4052989	3941631	4105531	4033384	2.07	cps
Scandium	45-2	167903	167788	165445	167046	0.83	cps
Selenium	77-2	310	347	233	297	19.49	cps
Selenium	78-2	987	970	935	964	2.75	cps
Selenium	82-1	7104	7116	6853	7024	2.12	cps
Silicon	28-1	39260308	39299938	38909397	39156548	0.55	cps
Silver	109-1	530752	529261	528034	529349	0.26	cps
Silver	107-1	545600	552672	549379	549217	0.64	cps
Sodium	23-2	3967704	3984852	3964388	3972315	0.28	cps
Strontium	86-1	146017	144858	144410	145095	0.57	cps
Strontium	88-1	1270522	1275071	1260062	1268552	0.61	cps
Sulfur	34-1	601427	600382	599338	600382	0.17	cps
Terbium	159-1	7762789	7618998	7898674	7760154	1.80	cps
Terbium	159-2	3489817	3477959	3444603	3470793	0.68	cps
Thallium	203-1	590690	591048	585465	589068	0.53	cps
Thallium	205-1	1433432	1427415	1417231	1426026	0.57	cps
Tin	118-1	388578	391598	387739	389305	0.52	cps
Titanium	47-1	385301	387994	384166	385820	0.51	cps
Uranium	238-1	2101545	2100892	2080466	2094301	0.57	cps
Vanadium	51-2	123239	125239	124208	124229	0.81	cps
Yttrium	89-1	5189654	5116949	5285828	5197477	1.63	cps
Yttrium	89-2	661979	654131	648290	654800	1.05	cps
Zinc	66-2	44378	43568	44030	43992	0.92	cps
Zirconium	90-1	740663	737321	736818	738267	0.28	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:35:34	DataFile Name :	007CALS_P7121217 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	164874	164558	164491	164641	0.12	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:39:23	DataFile Name :	008CAL5_P7121217 M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	312943	314305	316849	314699	0.63	cps
Antimony	121-1	974164	991854	985783	983934	0.91	cps
Arsenic	75-2	26695	26669	26508	26624	0.38	cps
Barium	135-1	1176385	1178006	1192013	1182134	0.73	cps
Barium	137-1	2069365	2071512	2077892	2072923	0.21	cps
Beryllium	9-1	570068	570812	569508	570130	0.11	cps
Bismuth	209-1	5462972	5270615	5348965	5360851	1.80	cps
Bismuth	209-2	2863492	2786696	2792793	2814327	1.52	cps
Boron	10-1	65986	67183	68548	67239	1.91	cps
Boron	11-1	286345	294444	295508	292099	1.72	cps
Cadmium	111-1	227449	227046	227507	227334	0.11	cps
Cadmium	106-1	28730	28630	28404	28588	0.58	cps
Cadmium	108-1	17924	17603	17636	17721	1.00	cps
Calcium	43-1	344250	342659	344887	343932	0.33	cps
Calcium	44-1	5488744	5500199	5497557	5495500	0.11	cps
Chromium	52-2	290501	291817	292003	291441	0.28	cps
Cobalt	59-2	450783	447351	452470	450201	0.58	cps
Copper	63-2	627642	629869	632118	629877	0.36	cps
Dysprosium	156-1	25	42	42	36	26.65	cps
Dysprosium	156-2	7	7	17	10	57.72	cps
Erbium	164-1	8	25	0	11	114.58	cps
Erbium	164-2	23	7	7	12	78.69	cps
Gadolinium	160-1	8	33	50	31	68.64	cps
Gadolinium	160-2	20	33	20	24	31.49	cps
Holmium	165-1	7746742	7500938	7546855	7598178	1.72	cps
Holmium	165-2	3603832	3534222	3560921	3566325	0.98	cps
Indium	115-1	5238609	5042004	5113307	5131307	1.94	cps
Indium	115-2	868984	845024	851307	855105	1.45	cps
Iron	56-2	12001999	11961790	12059653	12007814	0.41	cps
Iron	57-2	293448	293192	294256	293632	0.19	cps
Lead	206-1	962868	961705	967553	964042	0.32	cps
Lead	207-1	866793	866621	870470	867961	0.25	cps
Lead	208-1	3919096	3922526	3929164	3923595	0.13	cps
Lithium	6-1	5499857	5353722	5391873	5415150	1.40	cps
Magnesium	24-2	4038263	4025417	4057606	4040429	0.40	cps
Manganese	55-2	323637	323421	325879	324312	0.42	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:39:23	DataFile Name :	008CAL5_P7121217 M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1752569	1752587	1747754	1750970	0.16	cps
Molybdenum	95-1	2136719	2136172	2132730	2135207	0.10	cps
Molybdenum	96-1	2365314	2364346	2369919	2366526	0.13	cps
Molybdenum	97-1	1321698	1333520	1333167	1329462	0.51	cps
Molybdenum	98-1	3467558	3475371	3449860	3464263	0.38	cps
Neodymium	150-1	107	107	133	116	13.32	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	117187	116132	117869	117063	0.75	cps
Phosphorus	31-2	14074	14074	14257	14135	0.75	cps
Potassium	39-2	1268387	1266042	1282407	1272279	0.70	cps
Rhodium	103-1	4435498	4288029	4332132	4351886	1.74	cps
Rhodium	103-2	2006935	1963683	1970069	1980229	1.18	cps
Scandium	45-1	4014438	3842367	3918164	3924990	2.20	cps
Scandium	45-2	164172	161361	161961	162498	0.91	cps
Selenium	77-2	507	520	623	550	11.61	cps
Selenium	78-2	1789	1817	1769	1791	1.35	cps
Selenium	82-1	13564	13457	13808	13610	1.32	cps
Silicon	28-1	39155804	39163867	39363252	39227641	0.30	cps
Silver	109-1	1034640	1030980	1037114	1034244	0.30	cps
Silver	107-1	1081327	1080353	1079687	1080456	0.08	cps
Sodium	23-2	7664135	7679942	7687313	7677130	0.15	cps
Strontium	86-1	283743	284998	289616	286119	1.08	cps
Strontium	88-1	2529754	2537877	2521959	2529863	0.31	cps
Sulfur	34-1	652114	649879	652271	651421	0.21	cps
Terbium	159-1	7761881	7476863	7618522	7619089	1.87	cps
Terbium	159-2	3469111	3401235	3424499	3431615	1.01	cps
Thallium	203-1	1173084	1177596	1177777	1176152	0.23	cps
Thallium	205-1	2825388	2832258	2860847	2839498	0.66	cps
Tin	118-1	771642	771792	772446	771960	0.06	cps
Titanium	47-1	758475	759925	764366	760922	0.40	cps
Uranium	238-1	4232103	4246385	4242461	4240316	0.17	cps
Vanadium	51-2	243571	241015	245196	243261	0.87	cps
Yttrium	89-1	5204632	5027294	5079609	5103845	1.79	cps
Yttrium	89-2	649499	640220	642540	644086	0.75	cps
Zinc	66-2	85532	86461	86058	86017	0.54	cps
Zirconium	90-1	1461949	1472988	1473689	1469542	0.45	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:39:23	DataFile Name :	008CALS_P7121217 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	326824	327545	324840	326403	0.43	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : S06 Instrumnet Name : P7
 Client Sample ID : S06 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 13:43:09 DataFile Name : 009CAL5_P7121217 M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	619531	615432	620504	618489	0.44	cps
Antimony	121-1	1946560	1939745	1950295	1945533	0.27	cps
Arsenic	75-2	51437	51775	52370	51861	0.91	cps
Barium	135-1	2369358	2343165	2365043	2359189	0.60	cps
Barium	137-1	4135109	4106149	4132367	4124542	0.39	cps
Beryllium	9-1	1108740	1114418	1107025	1110061	0.35	cps
Bismuth	209-1	5323744	5330260	5370448	5341484	0.47	cps
Bismuth	209-2	2767387	2748211	2691213	2735604	1.45	cps
Boron	10-1	127936	132325	130769	130343	1.71	cps
Boron	11-1	561607	572371	581136	571705	1.71	cps
Cadmium	111-1	439776	440759	443399	441311	0.42	cps
Cadmium	106-1	54221	53920	53937	54026	0.31	cps
Cadmium	108-1	34693	35223	34530	34815	1.04	cps
Calcium	43-1	676480	671038	667435	671651	0.68	cps
Calcium	44-1	10610728	10590315	10503728	10568257	0.54	cps
Chromium	52-2	569509	568727	572920	570385	0.39	cps
Cobalt	59-2	876206	877742	875505	876484	0.13	cps
Copper	63-2	1221832	1217214	1216788	1218611	0.23	cps
Dysprosium	156-1	83	75	75	78	6.19	cps
Dysprosium	156-2	23	13	17	18	28.64	cps
Erbium	164-1	25	25	42	31	31.50	cps
Erbium	164-2	3	3	13	7	86.65	cps
Gadolinium	160-1	17	33	42	31	41.66	cps
Gadolinium	160-2	27	33	17	26	32.81	cps
Holmium	165-1	7575809	7603479	7612637	7597308	0.25	cps
Holmium	165-2	3559027	3518543	3454741	3510770	1.50	cps
Indium	115-1	5061049	5085069	5099119	5081746	0.38	cps
Indium	115-2	842790	834878	820601	832756	1.35	cps
Iron	56-2	23385687	23455109	23446395	23429064	0.16	cps
Iron	57-2	569689	570349	567173	569071	0.29	cps
Lead	206-1	1894676	1896808	1890677	1894054	0.16	cps
Lead	207-1	1710495	1720506	1713381	1714794	0.30	cps
Lead	208-1	7762713	7752923	7743275	7752971	0.13	cps
Lithium	6-1	5320766	5334737	5336263	5330589	0.16	cps
Magnesium	24-2	7873269	7899573	7902937	7891926	0.21	cps
Manganese	55-2	633054	632829	635197	633693	0.21	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : S06 Instrumnet Name : P7
 Client Sample ID : S06 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 13:43:09 DataFile Name : 009CAL5_P7121217 M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3472699	3469274	3461180	3467718	0.17	cps
Molybdenum	95-1	4258660	4252693	4234878	4248744	0.29	cps
Molybdenum	96-1	4701051	4723154	4693890	4706032	0.32	cps
Molybdenum	97-1	2644007	2616554	2612128	2624230	0.66	cps
Molybdenum	98-1	6809213	6846152	6816334	6823900	0.29	cps
Neodymium	150-1	273	273	227	258	10.45	cps
Neodymium	150-2	7	10	17	11	45.82	cps
Nickel	60-2	226836	223279	224498	224871	0.80	cps
Phosphorus	31-2	26842	27468	27426	27245	1.28	cps
Potassium	39-2	2480859	2474776	2480946	2478860	0.14	cps
Rhodium	103-1	4255800	4273270	4261036	4263369	0.21	cps
Rhodium	103-2	1946452	1925353	1896073	1922626	1.32	cps
Scandium	45-1	3879209	3855174	3879959	3871448	0.36	cps
Scandium	45-2	160558	160245	157077	159293	1.21	cps
Selenium	77-2	977	1060	977	1004	4.79	cps
Selenium	78-2	3517	3443	3597	3519	2.18	cps
Selenium	82-1	26403	26777	26637	26606	0.71	cps
Silicon	28-1	40078363	40082102	39884763	40015076	0.28	cps
Silver	109-1	2032100	2024258	2024590	2026983	0.22	cps
Silver	107-1	2115774	2106827	2119607	2114070	0.31	cps
Sodium	23-2	15019062	15018658	14982201	15006641	0.14	cps
Strontium	86-1	563378	564177	564710	564089	0.12	cps
Strontium	88-1	5019187	5019601	4986385	5008391	0.38	cps
Sulfur	34-1	775565	777843	771779	775062	0.40	cps
Terbium	159-1	7585883	7605756	7621136	7604258	0.23	cps
Terbium	159-2	3410667	3395077	3345820	3383855	1.00	cps
Thallium	203-1	2317083	2325953	2310220	2317752	0.34	cps
Thallium	205-1	5661999	5674356	5631680	5656012	0.39	cps
Tin	118-1	1525496	1521263	1533709	1526823	0.41	cps
Titanium	47-1	1488904	1500752	1491499	1493719	0.42	cps
Uranium	238-1	8256117	8247449	8209135	8237567	0.30	cps
Vanadium	51-2	476245	477537	477768	477183	0.17	cps
Yttrium	89-1	5046856	5070256	5099270	5072127	0.52	cps
Yttrium	89-2	634771	633622	620600	629664	1.25	cps
Zinc	66-2	165849	166331	166823	166334	0.29	cps
Zirconium	90-1	2917899	2904485	2903450	2908612	0.28	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:43:09	DataFile Name :	009CALS_P7121217 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	643811	645595	646543	645317	0.21	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P7
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 13:46:53 DataFile Name : 010CAL5_P7121217 M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1203229	1198303	1192955	1198162	0.43	cps
Antimony	121-1	3837652	3833049	3824303	3831668	0.18	cps
Arsenic	75-2	101525	100850	99964	100780	0.78	cps
Barium	135-1	4654423	4669019	4653069	4658837	0.19	cps
Barium	137-1	8045944	8077501	8000499	8041315	0.48	cps
Beryllium	9-1	2160295	2168711	2155940	2161648	0.30	cps
Bismuth	209-1	5123564	5155998	5225240	5168268	1.00	cps
Bismuth	209-2	2619579	2688389	2658398	2655455	1.30	cps
Boron	10-1	248829	258355	259545	255576	2.30	cps
Boron	11-1	1111084	1131990	1139257	1127444	1.30	cps
Cadmium	111-1	857064	850287	854180	853844	0.40	cps
Cadmium	106-1	102535	101597	101748	101960	0.49	cps
Cadmium	108-1	68724	67602	68360	68228	0.84	cps
Calcium	43-1	1327972	1329538	1325974	1327828	0.13	cps
Calcium	44-1	20660235	20546603	20595933	20600924	0.28	cps
Chromium	52-2	1108892	1106133	1099666	1104897	0.43	cps
Cobalt	59-2	1696423	1695239	1689450	1693704	0.22	cps
Copper	63-2	2344855	2333403	2329958	2336072	0.33	cps
Dysprosium	156-1	125	92	83	100	22.05	cps
Dysprosium	156-2	7	17	33	19	71.30	cps
Erbium	164-1	17	8	33	19	65.47	cps
Erbium	164-2	7	10	20	12	56.76	cps
Gadolinium	160-1	8	50	42	33	66.15	cps
Gadolinium	160-2	40	33	47	40	16.68	cps
Holmium	165-1	7474482	7521923	7569537	7521981	0.63	cps
Holmium	165-2	3429324	3515913	3475367	3473535	1.25	cps
Indium	115-1	4874072	4906867	4948458	4909799	0.76	cps
Indium	115-2	801511	821196	808214	810307	1.24	cps
Iron	56-2	45473715	45215502	45142483	45277233	0.38	cps
Iron	57-2	1105103	1098022	1098277	1100467	0.36	cps
Lead	206-1	3735081	3725712	3713865	3724886	0.29	cps
Lead	207-1	3364430	3364006	3377933	3368790	0.24	cps
Lead	208-1	15206852	15156434	15150612	15171299	0.20	cps
Lithium	6-1	5193103	5233896	5258085	5228361	0.63	cps
Magnesium	24-2	15317521	15268392	15209647	15265186	0.35	cps
Manganese	55-2	1233512	1227614	1222873	1228000	0.43	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:46:53	DataFile Name :	010CAL5_P7121217 M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6765299	6777171	6763219	6768563	0.11	cps
Molybdenum	95-1	8316361	8303835	8279689	8299962	0.22	cps
Molybdenum	96-1	9307335	9269328	9307399	9294688	0.24	cps
Molybdenum	97-1	5236639	5222763	5227820	5229074	0.13	cps
Molybdenum	98-1	13433276	13423459	13475688	13444141	0.21	cps
Neodymium	150-1	573	607	427	536	17.88	cps
Neodymium	150-2	50	20	20	30	57.74	cps
Nickel	60-2	431204	430997	428761	430321	0.31	cps
Phosphorus	31-2	52720	52618	51180	52173	1.65	cps
Potassium	39-2	4777618	4849856	4803355	4810276	0.76	cps
Rhodium	103-1	4083432	4114406	4147556	4115131	0.78	cps
Rhodium	103-2	1840307	1884106	1847524	1857313	1.26	cps
Scandium	45-1	3778738	3777224	3841223	3799061	0.96	cps
Scandium	45-2	154287	158643	156867	156599	1.40	cps
Selenium	77-2	2167	2037	2000	2068	4.24	cps
Selenium	78-2	6885	6874	6694	6818	1.57	cps
Selenium	82-1	52685	52030	52861	52525	0.83	cps
Silicon	28-1	40561548	40804138	40893622	40753103	0.42	cps
Silver	109-1	3948072	3931191	3928160	3935808	0.27	cps
Silver	107-1	4093719	4087380	4073081	4084726	0.26	cps
Sodium	23-2	29266615	29153931	29113533	29178026	0.27	cps
Strontium	86-1	1108876	1109942	1111886	1110234	0.14	cps
Strontium	88-1	9742802	9755776	9684441	9727673	0.39	cps
Sulfur	34-1	1012141	1005994	1013624	1010586	0.40	cps
Terbium	159-1	7438523	7505016	7540232	7494590	0.69	cps
Terbium	159-2	3291915	3382030	3325523	3333156	1.37	cps
Thallium	203-1	4595769	4591585	4572716	4586690	0.27	cps
Thallium	205-1	10942742	10892471	10847235	10894149	0.44	cps
Tin	118-1	2998827	3011361	3006863	3005684	0.21	cps
Titanium	47-1	2958796	2954247	2958177	2957073	0.08	cps
Uranium	238-1	16388762	16294273	16304475	16329170	0.32	cps
Vanadium	51-2	935767	928237	929697	931233	0.43	cps
Yttrium	89-1	4917502	4951205	5007626	4958778	0.92	cps
Yttrium	89-2	609828	628872	616842	618514	1.56	cps
Zinc	66-2	315542	316665	313889	315365	0.44	cps
Zirconium	90-1	5712693	5705165	5666184	5694680	0.44	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:46:53	DataFile Name :	010CALS_P7121217 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1271400	1273820	1264731	1269984	0.37	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:50:36	DataFile Name :	011CAL5_P7121217 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5855473	5899473	5890942	5881963	0.40	cps
Antimony	121-1	9737	9537	9103	9459	3.42	cps
Arsenic	75-2	33	65	46	48	32.87	cps
Barium	135-1	1750	1625	1617	1664	4.49	cps
Barium	137-1	3050	2817	2559	2809	8.76	cps
Beryllium	9-1	2767	2484	2217	2489	11.05	cps
Bismuth	209-1	4591855	4622569	4621742	4612055	0.38	cps
Bismuth	209-2	2341693	2289700	2394760	2342051	2.24	cps
Boron	10-1	8336	7769	7210	7772	7.24	cps
Boron	11-1	37514	34106	33196	34939	6.52	cps
Cadmium	111-1	1969	1973	1851	1931	3.60	cps
Cadmium	106-1	2700	2667	2484	2617	4.46	cps
Cadmium	108-1	42	33	13	29	51.51	cps
Calcium	43-1	6543639	6545763	6522667	6537356	0.20	cps
Calcium	44-1	100959840	101425500	100870859	101085399	0.29	cps
Chromium	52-2	9216	9106	9590	9304	2.72	cps
Cobalt	59-2	1867	1997	2047	1970	4.72	cps
Copper	63-2	3460	3444	3354	3419	1.68	cps
Dysprosium	156-1	42	75	58	58	28.57	cps
Dysprosium	156-2	3	7	10	7	50.03	cps
Erbium	164-1	17	33	50	33	50.00	cps
Erbium	164-2	23	17	20	20	16.65	cps
Gadolinium	160-1	42	50	75	56	31.22	cps
Gadolinium	160-2	30	27	40	32	21.53	cps
Holmium	165-1	7177897	7149144	7135658	7154233	0.30	cps
Holmium	165-2	3236489	3183689	3320312	3246830	2.12	cps
Indium	115-1	4568845	4556130	4578309	4567761	0.24	cps
Indium	115-2	745656	740340	773642	753213	2.38	cps
Iron	56-2	213984621	215291110	214739799	214671844	0.31	cps
Iron	57-2	5263565	5292020	5284319	5279968	0.28	cps
Lead	206-1	5162	5707	5479	5449	5.02	cps
Lead	207-1	4523	4679	4590	4597	1.70	cps
Lead	208-1	21335	21908	22230	21824	2.08	cps
Lithium	6-1	4938927	4938880	4973872	4950560	0.41	cps
Magnesium	24-2	73709843	74139975	74221268	74023695	0.37	cps
Manganese	55-2	3034	2917	3027	2993	2.19	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:50:36	DataFile Name :	011CAL5_P7121217 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3392	2975	3142	3170	6.62	cps
Molybdenum	95-1	4951	4909	5126	4996	2.30	cps
Molybdenum	96-1	5685	5685	5084	5485	6.32	cps
Molybdenum	97-1	3042	3075	2950	3023	2.14	cps
Molybdenum	98-1	8186	8053	7436	7891	5.07	cps
Neodymium	150-1	53	27	47	42	32.87	cps
Neodymium	150-2	23	17	7	16	53.90	cps
Nickel	60-2	2904	2977	2767	2883	3.70	cps
Phosphorus	31-2	258	225	167	217	21.41	cps
Potassium	39-2	22920327	23037298	23190799	23049475	0.59	cps
Rhodium	103-1	3728793	3691687	3748736	3723072	0.78	cps
Rhodium	103-2	1668714	1641072	1716685	1675490	2.28	cps
Scandium	45-1	3641596	3666393	3682354	3663448	0.56	cps
Scandium	45-2	149499	146704	155142	150448	2.86	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	28	17	7	17	59.00	cps
Selenium	82-1	-26	-1	-19	-15	-85.09	cps
Silicon	28-1	37759207	37687233	37841382	37762607	0.20	cps
Silver	109-1	408	283	242	311	27.88	cps
Silver	107-1	242	292	250	261	10.26	cps
Sodium	23-2	140297653	141413249	141795216	141168706	0.55	cps
Strontium	86-1	37391	36280	37191	36954	1.60	cps
Strontium	88-1	311540	315228	312094	312954	0.64	cps
Sulfur	34-1	530007	534459	537284	533917	0.69	cps
Terbium	159-1	7125802	7131815	7150978	7136198	0.18	cps
Terbium	159-2	3106927	3060354	3203527	3123603	2.34	cps
Thallium	203-1	1192	1008	950	1050	12.01	cps
Thallium	205-1	2592	2575	2350	2506	5.39	cps
Tin	118-1	3701	3709	3951	3787	3.75	cps
Titanium	47-1	1192	1008	1100	1100	8.33	cps
Uranium	238-1	1025	850	850	908	11.12	cps
Vanadium	51-2	113	120	177	137	25.46	cps
Yttrium	89-1	4704702	4678294	4697377	4693457	0.29	cps
Yttrium	89-2	589332	579241	606943	591839	2.37	cps
Zinc	66-2	797	730	810	779	5.50	cps
Zirconium	90-1	1267	1125	1075	1156	8.60	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 13:50:36	DataFile Name :	011CALS_P7121217 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	342	242	333	306	18.16	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P7
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 14:01:04 DataFile Name : 012ICV_P7121217 MS.L

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31601	31092	30273	30989	2.16	cps
Antimony	121-1	730920	737617	736057	734864	0.48	cps
Arsenic	75-2	20197	20344	19864	20135	1.22	cps
Barium	135-1	90971	91241	91149	91120	0.15	cps
Barium	137-1	158049	157887	156607	157515	0.50	cps
Beryllium	9-1	216539	214140	214296	214992	0.62	cps
Bismuth	209-1	5465587	5347656	5422880	5412041	1.10	cps
Bismuth	209-2	2761860	2736372	2776275	2758169	0.73	cps
Boron	10-1	147941	154026	154093	152020	2.32	cps
Boron	11-1	657212	664858	677546	666539	1.54	cps
Cadmium	111-1	94507	94292	94143	94314	0.19	cps
Cadmium	106-1	25633	25925	24914	25490	2.04	cps
Cadmium	108-1	11409	11446	11271	11376	0.81	cps
Calcium	43-1	28662	30357	28912	29310	3.12	cps
Calcium	44-1	604477	603989	602076	603514	0.21	cps
Chromium	52-2	111205	110403	111343	110984	0.46	cps
Cobalt	59-2	174166	173599	174774	174179	0.34	cps
Copper	63-2	122386	123482	122437	122768	0.50	cps
Dysprosium	156-1	0	25	25	17	86.60	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	33	50	58	47	26.97	cps
Erbium	164-2	30	13	10	18	60.28	cps
Gadolinium	160-1	58	50	50	53	9.12	cps
Gadolinium	160-2	30	33	10	24	51.62	cps
Holmium	165-1	7515204	7405562	7443295	7454687	0.75	cps
Holmium	165-2	3436657	3401989	3460464	3433037	0.86	cps
Indium	115-1	5137463	5036810	5068344	5080872	1.01	cps
Indium	115-2	834211	825846	841709	833922	0.95	cps
Iron	56-2	930520	935316	942282	936039	0.63	cps
Iron	57-2	23436	22796	23786	23339	2.15	cps
Lead	206-1	748462	751872	753356	751230	0.33	cps
Lead	207-1	654341	656807	655333	655494	0.19	cps
Lead	208-1	2995388	3006554	3003938	3001960	0.19	cps
Lithium	6-1	5409994	5342020	5363637	5371884	0.65	cps
Magnesium	24-2	188530	187760	186708	187666	0.49	cps
Manganese	55-2	62097	62897	62723	62572	0.67	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:01:04	DataFile Name :	012ICV_P7121217 MS.L

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1733663	1713482	1721551	1722899	0.59	cps
Molybdenum	95-1	916480	914905	917127	916171	0.12	cps
Molybdenum	96-1	1175276	1179279	1171773	1175443	0.32	cps
Molybdenum	97-1	573223	569120	571994	571446	0.37	cps
Molybdenum	98-1	1478692	1472730	1481701	1477707	0.31	cps
Neodymium	150-1	13	27	13	18	43.33	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	46453	46256	46450	46387	0.24	cps
Phosphorus	31-2	250	233	208	231	9.09	cps
Potassium	39-2	220393	218882	219401	219559	0.35	cps
Rhodium	103-1	4430150	4343172	4401139	4391487	1.01	cps
Rhodium	103-2	1959198	1942032	1973365	1958198	0.80	cps
Scandium	45-1	3948129	3859589	3907333	3905017	1.13	cps
Scandium	45-2	158394	156193	159160	157916	0.98	cps
Selenium	77-2	453	383	440	426	8.74	cps
Selenium	78-2	1348	1500	1456	1435	5.44	cps
Selenium	82-1	10734	10497	10759	10663	1.36	cps
Silicon	28-1	42088083	42080834	42259954	42142957	0.24	cps
Silver	109-1	395629	393088	392915	393877	0.39	cps
Silver	107-1	413999	414005	412798	413601	0.17	cps
Sodium	23-2	632290	637956	635441	635229	0.45	cps
Strontium	86-1	620029	619353	620682	620021	0.11	cps
Strontium	88-1	5493424	5498739	5516727	5502963	0.22	cps
Sulfur	34-1	552369	553124	545595	550363	0.75	cps
Terbium	159-1	7588067	7465907	7532422	7528798	0.81	cps
Terbium	159-2	3311377	3274982	3335256	3307205	0.92	cps
Thallium	203-1	923462	925797	914656	921305	0.64	cps
Thallium	205-1	2222768	2241420	2217190	2227126	0.57	cps
Tin	118-1	1688722	1686094	1684344	1686386	0.13	cps
Titanium	47-1	331711	327920	333112	330914	0.81	cps
Uranium	238-1	9501800	9535513	9560271	9532528	0.31	cps
Vanadium	51-2	92414	91746	93222	92461	0.80	cps
Yttrium	89-1	5073877	4970450	5035006	5026444	1.04	cps
Yttrium	89-2	626275	619682	629496	625151	0.80	cps
Zinc	66-2	33772	32987	33719	33493	1.31	cps
Zirconium	90-1	3303360	3299346	3313630	3305445	0.22	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:01:04	DataFile Name :	012ICV_P7121217 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	728596	730926	732613	730712	0.28	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 14:05:27 DataFile Name : 013CCBE_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	33	42	42	20.00	cps
Antimony	121-1	2084	2125	2200	2136	2.77	cps
Arsenic	75-2	7	2	4	4	65.54	cps
Barium	135-1	117	108	108	111	4.33	cps
Barium	137-1	192	183	208	194	6.55	cps
Beryllium	9-1	906	778	806	830	8.10	cps
Bismuth	209-1	5407393	5328466	5373478	5369779	0.74	cps
Bismuth	209-2	2856227	2784146	2705090	2781821	2.72	cps
Boron	10-1	3484	3384	3000	3289	7.76	cps
Boron	11-1	14191	14040	13515	13915	2.55	cps
Cadmium	111-1	1948	1830	1925	1901	3.29	cps
Cadmium	106-1	2784	2625	2742	2717	3.02	cps
Cadmium	108-1	25	29	4	19	68.87	cps
Calcium	43-1	225	200	217	214	5.95	cps
Calcium	44-1	158775	157809	157422	158002	0.44	cps
Chromium	52-2	147	163	143	151	7.09	cps
Cobalt	59-2	223	260	250	244	7.75	cps
Copper	63-2	827	917	807	850	6.89	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	33	25	25	33.34	cps
Erbium	164-2	23	10	7	13	66.12	cps
Gadolinium	160-1	17	8	25	17	50.01	cps
Gadolinium	160-2	43	40	23	36	30.14	cps
Holmium	165-1	7434889	7383087	7476450	7431476	0.63	cps
Holmium	165-2	3516299	3453407	3367272	3445659	2.17	cps
Indium	115-1	5137987	5077922	5092883	5102931	0.61	cps
Indium	115-2	862194	845875	825263	844444	2.19	cps
Iron	56-2	11205	10749	10915	10956	2.11	cps
Iron	57-2	339	317	294	317	7.02	cps
Lead	206-1	706	739	733	726	2.46	cps
Lead	207-1	628	611	728	656	9.63	cps
Lead	208-1	2834	3011	2917	2921	3.05	cps
Lithium	6-1	5347390	5319490	5365896	5344259	0.44	cps
Magnesium	24-2	3476	3751	3342	3523	5.91	cps
Manganese	55-2	113	107	137	119	13.25	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:05:27	DataFile Name :	013CCBE_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	592	542	600	578	5.46	cps
Molybdenum	95-1	608	500	600	569	10.59	cps
Molybdenum	96-1	783	608	683	692	12.69	cps
Molybdenum	97-1	342	383	417	381	9.88	cps
Molybdenum	98-1	842	900	1017	920	9.69	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	690	653	593	646	7.56	cps
Phosphorus	31-2	142	258	183	194	30.41	cps
Potassium	39-2	27810	27101	27885	27599	1.57	cps
Rhodium	103-1	4417463	4334712	4369611	4373929	0.95	cps
Rhodium	103-2	2019133	1980420	1936322	1978625	2.09	cps
Scandium	45-1	3892363	3833690	3871828	3865961	0.77	cps
Scandium	45-2	162341	161725	155496	159854	2.37	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	9	13	15	12	22.89	cps
Selenium	82-1	-47	-32	-53	-44	-23.90	cps
Silicon	28-1	40547922	40452907	40165413	40388747	0.49	cps
Silver	109-1	75	108	33	72	52.04	cps
Silver	107-1	92	83	75	83	10.00	cps
Sodium	23-2	48279	49014	49090	48794	0.92	cps
Strontium	86-1	283	208	242	244	15.37	cps
Strontium	88-1	525	358	383	422	21.29	cps
Sulfur	34-1	553161	545237	541556	546652	1.08	cps
Terbium	159-1	7495772	7416863	7486519	7466385	0.58	cps
Terbium	159-2	3392310	3333795	3269957	3332020	1.84	cps
Thallium	203-1	250	233	200	228	11.18	cps
Thallium	205-1	542	525	517	528	2.41	cps
Tin	118-1	1375	1542	1258	1392	10.23	cps
Titanium	47-1	258	225	258	247	7.79	cps
Uranium	238-1	317	342	333	331	3.85	cps
Vanadium	51-2	10	13	13	12	15.73	cps
Yttrium	89-1	5036540	5004255	5023686	5021494	0.32	cps
Yttrium	89-2	643872	633922	618176	631990	2.05	cps
Zinc	66-2	130	150	160	147	10.41	cps
Zirconium	90-1	617	450	717	594	22.66	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:05:27	DataFile Name :	013CCBE_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	142	133	131	9.75	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P7
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 14:09:00 DataFile Name : 014ICSA_P7121217 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5588523	5678555	5607999	5625026	0.84	cps
Antimony	121-1	6043	5776	6218	6013	3.70	cps
Arsenic	75-2	35	46	24	35	31.59	cps
Barium	135-1	1450	1408	1625	1495	7.69	cps
Barium	137-1	2659	2734	2434	2609	5.99	cps
Beryllium	9-1	1228	1206	1378	1270	7.37	cps
Bismuth	209-1	5058182	5139930	5090746	5096286	0.81	cps
Bismuth	209-2	2619286	2570786	2620328	2603466	1.09	cps
Boron	10-1	2659	2525	2417	2534	4.78	cps
Boron	11-1	10596	10612	10679	10629	0.42	cps
Cadmium	111-1	2434	2644	2364	2481	5.87	cps
Cadmium	106-1	2467	2700	2450	2539	5.51	cps
Cadmium	108-1	1704	1471	1775	1650	9.65	cps
Calcium	43-1	1318113	1320285	1331856	1323418	0.56	cps
Calcium	44-1	20559463	20600931	20735037	20631811	0.44	cps
Chromium	52-2	21566	22384	22374	22108	2.12	cps
Cobalt	59-2	2084	2160	2180	2141	2.38	cps
Copper	63-2	10004	10300	10224	10176	1.51	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	3	23	7	11	96.43	cps
Erbium	164-1	25	33	33	31	15.74	cps
Erbium	164-2	23	7	23	18	54.11	cps
Gadolinium	160-1	67	58	67	64	7.53	cps
Gadolinium	160-2	27	23	27	26	7.55	cps
Holmium	165-1	7468637	7601596	7510737	7526990	0.90	cps
Holmium	165-2	3482371	3390208	3474957	3449179	1.48	cps
Indium	115-1	4980364	5054818	4968217	5001133	0.94	cps
Indium	115-2	824641	807254	824058	818651	1.21	cps
Iron	56-2	89652180	89426583	89039952	89372905	0.35	cps
Iron	57-2	2174077	2172718	2172493	2173096	0.04	cps
Lead	206-1	19454	19331	19125	19303	0.86	cps
Lead	207-1	16188	14992	15076	15419	4.33	cps
Lead	208-1	73808	72395	71877	72693	1.37	cps
Lithium	6-1	5277131	5331321	5258324	5288925	0.72	cps
Magnesium	24-2	15051861	15108660	15051190	15070570	0.22	cps
Manganese	55-2	4854	4731	5014	4866	2.92	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:09:00	DataFile Name :	014ICSA_P7121217 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1821058	1806025	1825538	1817540	0.56	cps
Molybdenum	95-1	3212392	3205309	3233089	3216930	0.45	cps
Molybdenum	96-1	3429318	3419072	3435297	3427895	0.24	cps
Molybdenum	97-1	1991335	1982783	2005385	1993168	0.57	cps
Molybdenum	98-1	5245817	5225949	5249534	5240433	0.24	cps
Neodymium	150-1	73	13	7	31	118.02	cps
Neodymium	150-2	3	13	3	7	86.65	cps
Nickel	60-2	2704	2740	2594	2679	2.85	cps
Phosphorus	31-2	255713	259724	256029	257155	0.87	cps
Potassium	39-2	9351377	9379635	9308040	9346351	0.39	cps
Rhodium	103-1	4124434	4148987	4103304	4125575	0.55	cps
Rhodium	103-2	1856062	1818641	1857699	1844134	1.20	cps
Scandium	45-1	3797986	3894309	3852423	3848239	1.26	cps
Scandium	45-2	156668	153576	155418	155221	1.00	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	19	13	13	42.85	cps
Selenium	82-1	-5	-44	-26	-25	-78.63	cps
Silicon	28-1	40311242	40275011	40114169	40233474	0.26	cps
Silver	109-1	325	417	425	389	14.27	cps
Silver	107-1	517	450	408	458	11.92	cps
Sodium	23-2	28785984	28918182	28640512	28781559	0.48	cps
Strontium	86-1	37249	38068	38151	37823	1.32	cps
Strontium	88-1	329983	329473	331586	330348	0.33	cps
Sulfur	34-1	2942459	2932656	2941027	2938714	0.18	cps
Terbium	159-1	7454778	7640033	7560175	7551662	1.23	cps
Terbium	159-2	3340825	3267723	3338274	3315607	1.25	cps
Thallium	203-1	1300	1142	1267	1236	6.75	cps
Thallium	205-1	3384	2767	2675	2942	13.10	cps
Tin	118-1	1192	1158	1308	1220	6.46	cps
Titanium	47-1	1210394	1208905	1220600	1213300	0.52	cps
Uranium	238-1	608	475	433	506	18.08	cps
Vanadium	51-2	177	190	190	186	4.15	cps
Yttrium	89-1	4974125	5060695	4995231	5010017	0.90	cps
Yttrium	89-2	622211	610426	620183	617607	1.02	cps
Zinc	66-2	1987	1980	1980	1982	0.19	cps
Zirconium	90-1	1884	1558	1617	1686	10.28	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:09:00	DataFile Name :	014ICSA_P7121217 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	467	333	267	356	28.64	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:12:31	DataFile Name :	015ICSB_P7121217 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5525318	5474883	5527013	5509071	0.54	cps
Antimony	121-1	80750	77707	79684	79380	1.94	cps
Arsenic	75-2	1956	1911	1835	1901	3.20	cps
Barium	135-1	19940	20074	19606	19873	1.21	cps
Barium	137-1	34786	33299	34594	34226	2.36	cps
Beryllium	9-1	43334	42905	43585	43275	0.79	cps
Bismuth	209-1	5095504	5123655	5052772	5090644	0.70	cps
Bismuth	209-2	2452042	2609555	2572623	2544740	3.24	cps
Boron	10-1	18370	18963	19088	18807	2.04	cps
Boron	11-1	82006	82140	84569	82905	1.74	cps
Cadmium	111-1	19855	20253	20192	20100	1.07	cps
Cadmium	106-1	5768	5968	5977	5904	2.00	cps
Cadmium	108-1	3130	3267	3088	3162	2.97	cps
Calcium	43-1	1299478	1309201	1306823	1305167	0.39	cps
Calcium	44-1	20388292	20432508	20494162	20438321	0.26	cps
Chromium	52-2	43330	43273	43103	43235	0.27	cps
Cobalt	59-2	35156	35129	35289	35191	0.24	cps
Copper	63-2	32513	33371	33535	33140	1.66	cps
Dysprosium	156-1	25	8	25	19	49.50	cps
Dysprosium	156-2	10	3	17	10	66.70	cps
Erbium	164-1	42	50	33	42	20.00	cps
Erbium	164-2	17	13	17	16	12.40	cps
Gadolinium	160-1	33	58	8	33	75.02	cps
Gadolinium	160-2	43	30	23	32	31.61	cps
Holmium	165-1	7536764	7574594	7481157	7530839	0.62	cps
Holmium	165-2	3260352	3471822	3427023	3386399	3.29	cps
Indium	115-1	5019077	5031504	4982996	5011192	0.50	cps
Indium	115-2	774932	819843	815486	803420	3.08	cps
Iron	56-2	88300427	87452466	87972333	87908408	0.49	cps
Iron	57-2	2140683	2123094	2136862	2133546	0.43	cps
Lead	206-1	92004	91742	91064	91603	0.53	cps
Lead	207-1	76882	76407	76586	76625	0.31	cps
Lead	208-1	358969	355050	353459	355826	0.80	cps
Lithium	6-1	5266326	5310146	5249253	5275241	0.60	cps
Magnesium	24-2	14859959	14677563	14784405	14773975	0.62	cps
Manganese	55-2	16580	17481	16406	16822	3.43	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:12:31	DataFile Name :	015ICSB_P7121217 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1995183	2006184	2007425	2002931	0.34	cps
Molybdenum	95-1	3302560	3301288	3296408	3300085	0.10	cps
Molybdenum	96-1	3567741	3526725	3532650	3542372	0.63	cps
Molybdenum	97-1	2058932	2063873	2059032	2060612	0.14	cps
Molybdenum	98-1	5374033	5379393	5384528	5379318	0.10	cps
Neodymium	150-1	20	27	33	27	24.99	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	11358	10964	11164	11162	1.76	cps
Phosphorus	31-2	253019	248309	250817	250715	0.94	cps
Potassium	39-2	9226105	9148526	9210947	9195193	0.45	cps
Rhodium	103-1	4144832	4137666	4105291	4129263	0.51	cps
Rhodium	103-2	1736453	1842278	1826521	1801750	3.17	cps
Scandium	45-1	3839408	3837884	3791841	3823045	0.71	cps
Scandium	45-2	144137	154489	152990	150538	3.72	cps
Selenium	77-2	67	30	40	46	41.61	cps
Selenium	78-2	137	148	152	146	5.29	cps
Selenium	82-1	1030	1033	960	1008	4.12	cps
Silicon	28-1	41070898	40876887	40796241	40914675	0.35	cps
Silver	109-1	74061	73097	74035	73731	0.74	cps
Silver	107-1	77068	77001	76524	76865	0.39	cps
Sodium	23-2	28542452	28198442	28365231	28368708	0.61	cps
Strontium	86-1	110028	108274	109918	109406	0.90	cps
Strontium	88-1	965972	965099	965409	965493	0.05	cps
Sulfur	34-1	2890413	2903603	2881477	2891831	0.38	cps
Terbium	159-1	7525386	7560412	7459628	7515142	0.68	cps
Terbium	159-2	3118351	3340734	3277219	3245435	3.53	cps
Thallium	203-1	89324	91068	89777	90056	1.01	cps
Thallium	205-1	211455	215444	214074	213657	0.95	cps
Tin	118-1	197477	198863	197349	197896	0.42	cps
Titanium	47-1	1229731	1231337	1232774	1231281	0.12	cps
Uranium	238-1	1058569	1056195	1053818	1056194	0.22	cps
Vanadium	51-2	17954	18215	18105	18091	0.72	cps
Yttrium	89-1	5019676	5016736	4966989	5001133	0.59	cps
Yttrium	89-2	580311	622238	613532	605360	3.65	cps
Zinc	66-2	4968	5164	4988	5040	2.15	cps
Zirconium	90-1	390092	388993	391321	390135	0.30	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:12:31	DataFile Name :	015ICSB_P7121217 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	86905	86628	85689	86407	0.74	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : CCV033 Instrumnet Name : P7
 Client Sample ID : CCV033 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 14:16:03 DataFile Name : 016CCV_P7121217 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3031736	3033768	3019252	3028252	0.26	cps
Antimony	121-1	1862102	1869295	1861868	1864422	0.23	cps
Arsenic	75-2	49383	50158	48828	49457	1.35	cps
Barium	135-1	2329663	2299128	2299497	2309430	0.76	cps
Barium	137-1	4045010	4041998	4045255	4044088	0.04	cps
Beryllium	9-1	1081953	1077309	1074166	1077810	0.36	cps
Bismuth	209-1	4869713	4950870	4950965	4923849	0.95	cps
Bismuth	209-2	2481294	2478669	2511392	2490452	0.73	cps
Boron	10-1	122979	127449	131022	127150	3.17	cps
Boron	11-1	550789	563662	570084	561512	1.75	cps
Cadmium	111-1	413532	412717	411563	412604	0.24	cps
Cadmium	106-1	50892	52381	52105	51793	1.53	cps
Cadmium	108-1	33010	33498	33005	33171	0.85	cps
Calcium	43-1	3372729	3344864	3334333	3350642	0.59	cps
Calcium	44-1	51763848	51476038	51161326	51467071	0.59	cps
Chromium	52-2	565154	559010	561251	561805	0.55	cps
Cobalt	59-2	831187	828596	831998	830594	0.21	cps
Copper	63-2	1127451	1124732	1132617	1128267	0.36	cps
Dysprosium	156-1	108	50	58	72	43.68	cps
Dysprosium	156-2	13	23	17	18	28.64	cps
Erbium	164-1	25	58	50	44	39.04	cps
Erbium	164-2	13	13	20	16	24.76	cps
Gadolinium	160-1	42	75	17	44	65.84	cps
Gadolinium	160-2	13	37	40	30	48.44	cps
Holmium	165-1	7334771	7462451	7462082	7419768	0.99	cps
Holmium	165-2	3376080	3346912	3417066	3380019	1.04	cps
Indium	115-1	4816115	4880107	4863765	4853329	0.69	cps
Indium	115-2	787889	786416	798984	791096	0.87	cps
Iron	56-2	110408394	110346441	110071544	110275460	0.16	cps
Iron	57-2	2688999	2691666	2684690	2688452	0.13	cps
Lead	206-1	1821618	1805603	1805356	1810859	0.51	cps
Lead	207-1	1648550	1631552	1642149	1640750	0.52	cps
Lead	208-1	7418259	7367323	7408126	7397903	0.36	cps
Lithium	6-1	5108089	5163555	5167165	5146269	0.64	cps
Magnesium	24-2	37943389	38123858	38116532	38061260	0.27	cps
Manganese	55-2	616502	611990	612232	613575	0.41	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCV033	Instrumnet Name :	P7
Client Sample ID :	CCV033	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:16:03	DataFile Name :	016CCV_P7121217 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3458893	3419770	3421733	3433465	0.64	cps
Molybdenum	95-1	4206999	4198937	4182467	4196134	0.30	cps
Molybdenum	96-1	4671911	4679984	4630207	4660700	0.57	cps
Molybdenum	97-1	2614767	2613616	2598356	2608913	0.35	cps
Molybdenum	98-1	6836592	6754866	6780701	6790720	0.62	cps
Neodymium	150-1	253	273	253	260	4.44	cps
Neodymium	150-2	40	10	33	28	56.71	cps
Nickel	60-2	211566	211263	211735	211521	0.11	cps
Phosphorus	31-2	26725	25915	26474	26371	1.57	cps
Potassium	39-2	12011502	12039873	11969272	12006882	0.30	cps
Rhodium	103-1	3974208	4012219	3997034	3994487	0.48	cps
Rhodium	103-2	1769465	1776811	1803159	1783145	0.99	cps
Scandium	45-1	3775176	3842151	3786833	3801387	0.94	cps
Scandium	45-2	153371	152764	155974	154036	1.11	cps
Selenium	77-2	987	977	920	961	3.74	cps
Selenium	78-2	3286	3295	3121	3234	3.03	cps
Selenium	82-1	25611	25193	25379	25394	0.83	cps
Silicon	28-1	41992691	41984983	41794439	41924038	0.27	cps
Silver	109-1	1901251	1896608	1894149	1897336	0.19	cps
Silver	107-1	1978009	1965361	1959677	1967683	0.48	cps
Sodium	23-2	72648643	72972612	72906254	72842503	0.23	cps
Strontium	86-1	576740	571564	569704	572669	0.64	cps
Strontium	88-1	5094580	5077830	5039364	5070591	0.56	cps
Sulfur	34-1	779069	776752	779016	778279	0.17	cps
Terbium	159-1	7376701	7469413	7436947	7427687	0.63	cps
Terbium	159-2	3240874	3226391	3276395	3247887	0.79	cps
Thallium	203-1	2215434	2210056	2219204	2214898	0.21	cps
Thallium	205-1	5399440	5390350	5356996	5382262	0.42	cps
Tin	118-1	1485754	1487509	1477656	1483640	0.35	cps
Titanium	47-1	1485009	1487036	1478552	1483532	0.30	cps
Uranium	238-1	8090030	8099803	8030861	8073565	0.46	cps
Vanadium	51-2	469956	469916	468367	469413	0.19	cps
Yttrium	89-1	4894988	4979753	4943812	4939518	0.86	cps
Yttrium	89-2	610425	609177	614850	611484	0.49	cps
Zinc	66-2	152142	151186	151196	151508	0.36	cps
Zirconium	90-1	2901523	2896823	2889272	2895873	0.21	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCV033	Instrumnet Name :	P7
Client Sample ID :	CCV033	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:16:03	DataFile Name :	016CCV_P7121217 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	641259	639602	636190	639017	0.40	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : CCB033 Instrumnet Name : P7
 Client Sample ID : CCB033 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 14:20:53 DataFile Name : 017CCBE_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	292	258	208	253	16.59	cps
Antimony	121-1	3092	2917	3159	3056	4.08	cps
Arsenic	75-2	6	9	7	7	24.97	cps
Barium	135-1	233	200	300	244	20.83	cps
Barium	137-1	475	425	517	472	9.72	cps
Beryllium	9-1	1617	1506	1422	1515	6.44	cps
Bismuth	209-1	5378858	5509816	5365068	5417914	1.47	cps
Bismuth	209-2	2675923	2754545	2740851	2723773	1.54	cps
Boron	10-1	2550	2575	2442	2523	2.81	cps
Boron	11-1	11605	10537	10813	10985	5.05	cps
Cadmium	111-1	1866	1876	1822	1855	1.54	cps
Cadmium	106-1	2650	2650	2550	2617	2.21	cps
Cadmium	108-1	8	0	13	7	91.66	cps
Calcium	43-1	158	217	258	211	23.79	cps
Calcium	44-1	169966	167757	170513	169412	0.86	cps
Chromium	52-2	153	213	173	180	16.97	cps
Cobalt	59-2	223	233	220	226	3.08	cps
Copper	63-2	963	997	973	978	1.75	cps
Dysprosium	156-1	0	25	8	11	114.58	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	8	8	17	11	43.34	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	25	25	33	28	17.31	cps
Gadolinium	160-2	17	30	30	26	30.11	cps
Holmium	165-1	7525559	7631114	7418284	7524986	1.41	cps
Holmium	165-2	3352168	3413640	3402645	3389484	0.97	cps
Indium	115-1	5127846	5220637	5077024	5141836	1.42	cps
Indium	115-2	824094	833277	836903	831425	0.79	cps
Iron	56-2	25790	24944	24187	24974	3.21	cps
Iron	57-2	644	611	539	598	9.02	cps
Lead	206-1	989	1039	867	965	9.18	cps
Lead	207-1	850	828	839	839	1.32	cps
Lead	208-1	4067	4067	3634	3923	6.38	cps
Lithium	6-1	5335147	5451619	5327404	5371390	1.30	cps
Magnesium	24-2	4459	3934	3892	4095	7.71	cps
Manganese	55-2	207	193	163	188	11.82	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCB033	Instrumnet Name :	P7
Client Sample ID :	CCB033	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:20:53	DataFile Name :	017CCBE_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1008	867	967	947	7.69	cps
Molybdenum	95-1	1300	1367	1242	1303	4.80	cps
Molybdenum	96-1	1300	1267	1317	1295	1.97	cps
Molybdenum	97-1	742	700	733	725	3.04	cps
Molybdenum	98-1	2142	1917	1942	2000	6.17	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	667	580	647	631	7.19	cps
Phosphorus	31-2	233	192	317	247	25.74	cps
Potassium	39-2	30616	31785	29130	30510	4.36	cps
Rhodium	103-1	4373849	4462598	4340958	4392468	1.43	cps
Rhodium	103-2	1916869	1955609	1955587	1942688	1.15	cps
Scandium	45-1	3873990	3952260	3858166	3894806	1.29	cps
Scandium	45-2	151641	159570	157908	156373	2.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	24	7	15	15	54.10	cps
Selenium	82-1	-4	-62	-35	-34	-85.91	cps
Silicon	28-1	42219692	41992941	41720494	41977709	0.60	cps
Silver	109-1	175	167	167	169	2.84	cps
Silver	107-1	200	192	308	233	27.89	cps
Sodium	23-2	61226	60807	59586	60539	1.41	cps
Strontium	86-1	183	217	200	200	8.33	cps
Strontium	88-1	442	375	442	419	9.17	cps
Sulfur	34-1	547867	543934	541671	544491	0.58	cps
Terbium	159-1	7503317	7668277	7463473	7545023	1.44	cps
Terbium	159-2	3223320	3302711	3289515	3271849	1.30	cps
Thallium	203-1	617	842	650	703	17.28	cps
Thallium	205-1	1517	1383	1517	1472	5.23	cps
Tin	118-1	1017	925	1158	1033	11.38	cps
Titanium	47-1	392	375	433	400	7.51	cps
Uranium	238-1	333	392	342	356	8.87	cps
Vanadium	51-2	27	10	33	23	51.50	cps
Yttrium	89-1	5021613	5112944	4969830	5034796	1.44	cps
Yttrium	89-2	612248	621270	622257	618592	0.89	cps
Zinc	66-2	150	137	173	153	12.10	cps
Zirconium	90-1	575	608	542	575	5.80	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCB033	Instrumnet Name :	P7
Client Sample ID :	CCB033	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:20:53	DataFile Name :	017CCBE_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	183	167	161	15.80	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 14:24:25 DataFile Name : 018SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1183	1183	1150	1172	1.64	cps
Antimony	121-1	7903	8561	8161	8208	4.04	cps
Arsenic	75-2	115	87	98	100	13.98	cps
Barium	135-1	9062	8762	9028	8951	1.84	cps
Barium	137-1	15017	14934	15159	15037	0.76	cps
Beryllium	9-1	2878	3106	3123	3036	4.50	cps
Bismuth	209-1	5251631	5291060	5227747	5256813	0.61	cps
Bismuth	209-2	2720517	2702046	2686372	2702979	0.63	cps
Boron	10-1	6718	7452	7335	7169	5.50	cps
Boron	11-1	31759	32335	31943	32013	0.92	cps
Cadmium	111-1	2556	2695	2465	2572	4.51	cps
Cadmium	106-1	2542	2934	2592	2689	7.93	cps
Cadmium	108-1	46	54	71	57	22.36	cps
Calcium	43-1	6085	6018	6452	6185	3.77	cps
Calcium	44-1	266823	264226	266272	265774	0.51	cps
Chromium	52-2	2397	2430	2324	2384	2.29	cps
Cobalt	59-2	1730	1843	1663	1746	5.21	cps
Copper	63-2	3110	2977	3357	3148	6.13	cps
Dysprosium	156-1	8	33	8	17	86.62	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	42	8	22	78.07	cps
Erbium	164-2	13	3	17	11	62.48	cps
Gadolinium	160-1	33	25	25	28	17.31	cps
Gadolinium	160-2	23	33	23	27	21.65	cps
Holmium	165-1	7332579	7343201	7291306	7322362	0.37	cps
Holmium	165-2	3366956	3364393	3341192	3357514	0.42	cps
Indium	115-1	5000754	5003955	4960333	4988347	0.49	cps
Indium	115-2	828010	821808	822012	823943	0.43	cps
Iron	56-2	59320	58534	60140	59331	1.35	cps
Iron	57-2	1495	1439	1528	1487	3.02	cps
Lead	206-1	4184	4206	4401	4264	2.80	cps
Lead	207-1	3912	3928	3690	3843	3.47	cps
Lead	208-1	17299	17105	17216	17207	0.57	cps
Lithium	6-1	5244014	5278247	5256697	5259653	0.33	cps
Magnesium	24-2	73363	76210	74117	74563	1.98	cps
Manganese	55-2	727	647	713	696	6.16	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:24:25	DataFile Name :	018SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6852	6927	6802	6860	0.92	cps
Molybdenum	95-1	7986	7577	7978	7847	2.98	cps
Molybdenum	96-1	9062	8761	9087	8970	2.02	cps
Molybdenum	97-1	4968	4984	4926	4959	0.61	cps
Molybdenum	98-1	13474	13390	12806	13223	2.75	cps
Neodymium	150-1	0	7	27	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1017	993	1127	1046	6.81	cps
Phosphorus	31-2	225	283	242	250	12.02	cps
Potassium	39-2	73138	71406	72394	72313	1.20	cps
Rhodium	103-1	4276285	4294237	4234999	4268507	0.71	cps
Rhodium	103-2	1932733	1921949	1909301	1921328	0.61	cps
Scandium	45-1	3802559	3824829	3803490	3810293	0.33	cps
Scandium	45-2	157120	153812	152986	154639	1.41	cps
Selenium	77-2	7	17	7	10	57.72	cps
Selenium	78-2	37	35	56	43	26.44	cps
Selenium	82-1	258	234	222	238	7.64	cps
Silicon	28-1	41857670	41869734	41782937	41836780	0.11	cps
Silver	109-1	3967	3376	3917	3753	8.74	cps
Silver	107-1	3867	4242	3792	3967	6.08	cps
Sodium	23-2	191245	191127	188426	190266	0.84	cps
Strontium	86-1	1158	1192	1333	1228	7.57	cps
Strontium	88-1	10079	9428	9637	9715	3.42	cps
Sulfur	34-1	549683	547465	545347	547498	0.40	cps
Terbium	159-1	7320144	7355234	7292153	7322511	0.43	cps
Terbium	159-2	3247976	3234966	3221020	3234654	0.42	cps
Thallium	203-1	4909	5193	4468	4857	7.53	cps
Thallium	205-1	11272	11122	11264	11219	0.75	cps
Tin	118-1	14516	14558	14291	14455	0.99	cps
Titanium	47-1	3217	3117	2892	3075	5.41	cps
Uranium	238-1	14292	14409	14442	14381	0.55	cps
Vanadium	51-2	4357	4504	4137	4333	4.26	cps
Yttrium	89-1	4905144	4915389	4868087	4896207	0.51	cps
Yttrium	89-2	615616	609569	608862	611349	0.61	cps
Zinc	66-2	460	490	477	476	3.16	cps
Zirconium	90-1	6102	5951	5518	5857	5.17	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:24:25	DataFile Name :	018SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1300	1267	1325	1297	2.26	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : PB104952BL Instrumnet Name : P7
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 14:34:35 DataFile Name : 019CCBE_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	42	25	57.73	cps
Antimony	121-1	458	583	658	567	17.83	cps
Arsenic	75-2	4	4	2	3	34.64	cps
Barium	135-1	117	158	117	131	18.43	cps
Barium	137-1	158	125	217	167	27.84	cps
Beryllium	9-1	478	528	400	469	13.74	cps
Bismuth	209-1	5348816	5313236	5151438	5271163	2.00	cps
Bismuth	209-2	2819391	2709406	2760883	2763227	1.99	cps
Boron	10-1	917	800	867	861	6.80	cps
Boron	11-1	3959	3976	3384	3773	8.93	cps
Cadmium	111-1	1734	1742	1707	1728	1.07	cps
Cadmium	106-1	2484	2484	2409	2459	1.76	cps
Cadmium	108-1	13	13	0	8	86.60	cps
Calcium	43-1	342	217	267	275	22.88	cps
Calcium	44-1	173168	170876	168653	170899	1.32	cps
Chromium	52-2	143	150	147	147	2.27	cps
Cobalt	59-2	180	147	210	179	17.71	cps
Copper	63-2	840	767	803	803	4.56	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	8	50	22	108.27	cps
Erbium	164-2	17	7	10	11	45.82	cps
Gadolinium	160-1	0	8	17	8	100.02	cps
Gadolinium	160-2	23	30	33	29	17.63	cps
Holmium	165-1	7395329	7369695	7310605	7358543	0.59	cps
Holmium	165-2	3465210	3351717	3413501	3410143	1.67	cps
Indium	115-1	5046083	5024350	4937309	5002580	1.15	cps
Indium	115-2	850040	829114	838167	839107	1.25	cps
Iron	56-2	11455	11655	12039	11716	2.53	cps
Iron	57-2	322	344	372	346	7.24	cps
Lead	206-1	433	544	500	493	11.35	cps
Lead	207-1	389	444	511	448	13.66	cps
Lead	208-1	2095	2233	2067	2132	4.19	cps
Lithium	6-1	5361100	5353487	5295564	5336717	0.67	cps
Magnesium	24-2	3984	3992	3859	3945	1.89	cps
Manganese	55-2	93	83	83	87	6.66	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	PB104952BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:34:35	DataFile Name :	019CCBE_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	325	283	258	289	11.66	cps
Molybdenum	95-1	200	250	292	247	18.56	cps
Molybdenum	96-1	283	333	350	322	10.77	cps
Molybdenum	97-1	125	192	192	169	22.71	cps
Molybdenum	98-1	375	442	317	378	16.56	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	527	603	603	578	7.66	cps
Phosphorus	31-2	275	142	292	236	34.82	cps
Potassium	39-2	28203	27777	27727	27902	0.94	cps
Rhodium	103-1	4341325	4328640	4261830	4310598	0.99	cps
Rhodium	103-2	1984438	1921241	1957818	1954499	1.62	cps
Scandium	45-1	3883523	3850371	3772897	3835597	1.48	cps
Scandium	45-2	163737	154928	160565	159743	2.79	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	17	11	19	15	24.99	cps
Selenium	82-1	-57	-14	-45	-39	-57.09	cps
Silicon	28-1	41936741	41949843	41781628	41889404	0.22	cps
Silver	109-1	133	58	50	81	56.97	cps
Silver	107-1	108	50	92	83	36.06	cps
Sodium	23-2	48045	46941	46891	47292	1.38	cps
Strontium	86-1	167	200	208	192	11.50	cps
Strontium	88-1	392	383	467	414	11.09	cps
Sulfur	34-1	555357	552434	547691	551827	0.70	cps
Terbium	159-1	7463238	7411874	7291793	7388969	1.19	cps
Terbium	159-2	3331421	3219127	3283397	3277982	1.72	cps
Thallium	203-1	258	250	258	256	1.88	cps
Thallium	205-1	600	667	692	653	7.26	cps
Tin	118-1	633	733	667	678	7.51	cps
Titanium	47-1	225	267	258	250	8.82	cps
Uranium	238-1	75	83	50	69	24.98	cps
Vanadium	51-2	0	27	13	13	100.01	cps
Yttrium	89-1	4952290	4957058	4881867	4930405	0.85	cps
Yttrium	89-2	633452	614985	627584	625340	1.51	cps
Zinc	66-2	230	240	237	236	2.16	cps
Zirconium	90-1	400	375	317	364	11.75	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	PB104952BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:34:35	DataFile Name :	019CCBE_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	100	100	92	15.75	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : PB104952BS Instrumnet Name : P7
 Client Sample ID : LCS007 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 14:38:07 DataFile Name : 020LCSE_P7121217 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2375	2542	2350	2423	4.30	cps
Antimony	121-1	14825	14149	14783	14586	2.60	cps
Arsenic	75-2	228	172	189	196	14.52	cps
Barium	135-1	17929	16719	17453	17367	3.51	cps
Barium	137-1	29608	29841	29466	29638	0.64	cps
Beryllium	9-1	4595	4745	4740	4693	1.81	cps
Bismuth	209-1	5380030	5384625	5214407	5326354	1.82	cps
Bismuth	209-2	2738369	2727191	2760249	2741936	0.61	cps
Boron	10-1	12072	12205	12522	12267	1.89	cps
Boron	11-1	51179	54541	56490	54070	4.97	cps
Cadmium	111-1	3390	3450	3352	3397	1.47	cps
Cadmium	106-1	2984	2850	2675	2837	5.45	cps
Cadmium	108-1	142	142	96	126	20.93	cps
Calcium	43-1	12047	12706	12672	12475	2.98	cps
Calcium	44-1	368864	369447	369010	369107	0.08	cps
Chromium	52-2	5021	4901	4914	4945	1.33	cps
Cobalt	59-2	3344	3637	3621	3534	4.66	cps
Copper	63-2	5454	5428	5424	5436	0.30	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	42	42	50	44	10.82	cps
Erbium	164-2	17	20	3	13	66.16	cps
Gadolinium	160-1	17	25	25	22	21.64	cps
Gadolinium	160-2	40	20	17	26	49.38	cps
Holmium	165-1	7439543	7446915	7288815	7391757	1.21	cps
Holmium	165-2	3395349	3391822	3401743	3396304	0.15	cps
Indium	115-1	5098424	5118947	4982669	5066680	1.45	cps
Indium	115-2	837547	832311	842197	837352	0.59	cps
Iron	56-2	413852	415134	412797	413928	0.28	cps
Iron	57-2	10198	9692	10504	10132	4.05	cps
Lead	206-1	7563	7808	7847	7740	1.99	cps
Lead	207-1	7019	7391	7319	7243	2.73	cps
Lead	208-1	31527	31944	31521	31664	0.77	cps
Lithium	6-1	5370407	5374681	5301180	5348756	0.77	cps
Magnesium	24-2	151869	151710	153131	152237	0.51	cps
Manganese	55-2	1433	1253	1397	1361	6.99	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	PB104952BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:38:07	DataFile Name :	020LCSE_P7121217 M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13282	12940	13415	13212	1.86	cps
Molybdenum	95-1	15567	14942	15759	15423	2.77	cps
Molybdenum	96-1	17587	17562	17611	17587	0.14	cps
Molybdenum	97-1	9712	9904	9779	9798	0.99	cps
Molybdenum	98-1	24772	25641	25340	25251	1.75	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1393	1447	1397	1412	2.12	cps
Phosphorus	31-2	200	275	292	256	19.11	cps
Potassium	39-2	118109	120478	118428	119005	1.08	cps
Rhodium	103-1	4363978	4367484	4288449	4339971	1.03	cps
Rhodium	103-2	1952468	1950730	1964985	1956061	0.40	cps
Scandium	45-1	3893697	3915994	3793477	3867722	1.69	cps
Scandium	45-2	157039	156386	160223	157883	1.30	cps
Selenium	77-2	23	27	43	31	34.44	cps
Selenium	78-2	81	87	111	93	16.90	cps
Selenium	82-1	494	504	451	483	5.84	cps
Silicon	28-1	42118838	42064329	42152327	42111831	0.11	cps
Silver	109-1	8028	7436	7886	7783	3.97	cps
Silver	107-1	7953	8086	8294	8111	2.12	cps
Sodium	23-2	330713	332051	329693	330819	0.36	cps
Strontium	86-1	2525	2275	2759	2520	9.59	cps
Strontium	88-1	18354	18588	18930	18624	1.56	cps
Sulfur	34-1	550394	552129	559183	553902	0.84	cps
Terbium	159-1	7488206	7462707	7321678	7424197	1.21	cps
Terbium	159-2	3283460	3263368	3301992	3282940	0.59	cps
Thallium	203-1	8803	9212	8937	8984	2.32	cps
Thallium	205-1	21710	20909	21001	21207	2.07	cps
Tin	118-1	29265	29231	28990	29162	0.51	cps
Titanium	47-1	6143	6118	6127	6129	0.21	cps
Uranium	238-1	30454	30361	30027	30281	0.74	cps
Vanadium	51-2	8766	8846	9153	8922	2.29	cps
Yttrium	89-1	5035746	5043479	4922281	5000502	1.36	cps
Yttrium	89-2	621986	618331	627572	622630	0.75	cps
Zinc	66-2	990	1003	943	979	3.22	cps
Zirconium	90-1	12172	11447	11730	11783	3.10	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	PB104952BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:38:07	DataFile Name :	020LCSE_P7121217 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2459	2434	2534	2475	2.10	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : PB104815BL Instrumnet Name : P7
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 14:41:39 DataFile Name : 021CCBE_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	17	17	19	24.73	cps
Antimony	121-1	383	342	375	367	6.01	cps
Arsenic	75-2	7	0	6	4	89.21	cps
Barium	135-1	83	67	75	75	11.11	cps
Barium	137-1	142	142	158	147	6.54	cps
Beryllium	9-1	450	456	344	417	15.03	cps
Bismuth	209-1	5339507	5350401	5330950	5340286	0.18	cps
Bismuth	209-2	2763606	2675445	2781170	2740074	2.07	cps
Boron	10-1	1183	900	1142	1075	14.23	cps
Boron	11-1	4976	4559	4726	4754	4.41	cps
Cadmium	111-1	1841	1949	1749	1846	5.45	cps
Cadmium	106-1	2634	2775	2500	2636	5.22	cps
Cadmium	108-1	4	8	8	7	34.59	cps
Calcium	43-1	283	325	217	275	19.87	cps
Calcium	44-1	169488	170513	167909	169304	0.77	cps
Chromium	52-2	160	127	160	149	12.92	cps
Cobalt	59-2	163	163	213	180	16.04	cps
Copper	63-2	760	653	800	738	10.28	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	42	8	50	33	66.15	cps
Erbium	164-2	20	10	10	13	43.30	cps
Gadolinium	160-1	33	50	42	42	20.00	cps
Gadolinium	160-2	7	33	37	26	64.33	cps
Holmium	165-1	7387310	7452586	7339711	7393202	0.77	cps
Holmium	165-2	3428019	3345564	3447750	3407111	1.59	cps
Indium	115-1	5071389	5091895	5055086	5072790	0.36	cps
Indium	115-2	843811	827776	855558	842382	1.66	cps
Iron	56-2	10076	10465	10243	10261	1.90	cps
Iron	57-2	222	317	344	294	21.76	cps
Lead	206-1	528	433	628	530	18.36	cps
Lead	207-1	439	394	372	402	8.45	cps
Lead	208-1	2017	2000	2106	2041	2.78	cps
Lithium	6-1	5370675	5393357	5369119	5377717	0.25	cps
Magnesium	24-2	4309	4584	4543	4479	3.31	cps
Manganese	55-2	83	103	130	106	22.18	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	PB104815BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:41:39	DataFile Name :	021CCBE_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	283	275	208	256	16.09	cps
Molybdenum	95-1	183	167	142	164	12.80	cps
Molybdenum	96-1	333	233	233	267	21.65	cps
Molybdenum	97-1	67	142	125	111	35.44	cps
Molybdenum	98-1	300	317	283	300	5.56	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	523	610	563	566	7.67	cps
Phosphorus	31-2	300	192	217	236	24.02	cps
Potassium	39-2	28854	28119	28486	28486	1.29	cps
Rhodium	103-1	4360901	4367360	4345478	4357913	0.26	cps
Rhodium	103-2	1962440	1925457	1980041	1955979	1.42	cps
Scandium	45-1	3856016	3910578	3899389	3888661	0.74	cps
Scandium	45-2	160361	153574	161150	158362	2.63	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	22	13	15	17	29.41	cps
Selenium	82-1	-11	-3	-60	-25	-125.85	cps
Silicon	28-1	41793285	41819087	41852879	41821751	0.07	cps
Silver	109-1	58	67	58	61	7.87	cps
Silver	107-1	108	75	67	83	26.46	cps
Sodium	23-2	44592	45370	44884	44949	0.87	cps
Strontium	86-1	275	242	200	239	15.73	cps
Strontium	88-1	400	350	367	372	6.84	cps
Sulfur	34-1	551287	561667	562232	558395	1.10	cps
Terbium	159-1	7417347	7491304	7471264	7459971	0.51	cps
Terbium	159-2	3295987	3219970	3317489	3277815	1.56	cps
Thallium	203-1	225	283	308	272	15.71	cps
Thallium	205-1	367	575	600	514	24.93	cps
Tin	118-1	767	625	642	678	11.42	cps
Titanium	47-1	250	242	267	253	5.04	cps
Uranium	238-1	58	50	42	50	16.67	cps
Vanadium	51-2	13	13	13	13	0.00	cps
Yttrium	89-1	5003128	5020242	4989242	5004204	0.31	cps
Yttrium	89-2	629151	614296	632811	625419	1.57	cps
Zinc	66-2	280	197	230	236	17.81	cps
Zirconium	90-1	442	325	267	344	25.87	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	PB104815BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:41:39	DataFile Name :	021CCBE_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	75	92	81	11.95	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : PB104815BS Instrumnet Name : P7
 Client Sample ID : LCS007 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 14:45:11 DataFile Name : 022LCSE_P7121217 M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2167	2442	2567	2392	8.56	cps
Antimony	121-1	14174	14808	14842	14608	2.57	cps
Arsenic	75-2	191	202	213	202	5.51	cps
Barium	135-1	16969	16602	17053	16875	1.42	cps
Barium	137-1	30176	30058	30743	30326	1.21	cps
Beryllium	9-1	4784	4634	4256	4558	5.97	cps
Bismuth	209-1	5274061	5291513	5325346	5296973	0.49	cps
Bismuth	209-2	2718648	2720615	2785178	2741480	1.38	cps
Boron	10-1	12531	12756	12781	12689	1.09	cps
Boron	11-1	54072	54390	56314	54926	2.21	cps
Cadmium	111-1	3462	3799	3611	3624	4.65	cps
Cadmium	106-1	2867	3117	2817	2934	5.48	cps
Cadmium	108-1	171	167	117	151	19.91	cps
Calcium	43-1	13473	12748	12522	12914	3.85	cps
Calcium	44-1	366303	370693	367566	368187	0.61	cps
Chromium	52-2	4741	4821	4701	4754	1.29	cps
Cobalt	59-2	3477	3404	3761	3547	5.31	cps
Copper	63-2	5368	5471	5621	5487	2.32	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	50	25	42	39	32.73	cps
Erbium	164-2	7	23	13	14	58.06	cps
Gadolinium	160-1	25	0	17	14	91.65	cps
Gadolinium	160-2	27	23	23	24	7.89	cps
Holmium	165-1	7350253	7394952	7404211	7383139	0.39	cps
Holmium	165-2	3364904	3372755	3473619	3403759	1.78	cps
Indium	115-1	5040774	5090486	5095785	5075682	0.60	cps
Indium	115-2	826444	827436	857666	837182	2.12	cps
Iron	56-2	402314	407672	416896	408960	1.80	cps
Iron	57-2	9870	9831	9943	9881	0.57	cps
Lead	206-1	8080	7708	7836	7875	2.40	cps
Lead	207-1	6774	6713	6997	6828	2.19	cps
Lead	208-1	31226	31165	31365	31252	0.33	cps
Lithium	6-1	5329204	5384853	5366148	5360068	0.53	cps
Magnesium	24-2	148773	149639	151870	150094	1.06	cps
Manganese	55-2	1410	1270	1350	1343	5.23	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	PB104815BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:45:11	DataFile Name :	022LCSE_P7121217 M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13265	13515	13282	13354	1.05	cps
Molybdenum	95-1	15684	16243	15200	15709	3.32	cps
Molybdenum	96-1	17245	17345	17303	17297	0.29	cps
Molybdenum	97-1	10087	9929	9387	9801	3.75	cps
Molybdenum	98-1	25365	26367	25106	25613	2.60	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1450	1497	1597	1515	4.95	cps
Phosphorus	31-2	192	225	283	233	19.88	cps
Potassium	39-2	117218	118370	119722	118437	1.06	cps
Rhodium	103-1	4354534	4360128	4361265	4358642	0.08	cps
Rhodium	103-2	1926154	1940434	1998530	1955039	1.96	cps
Scandium	45-1	3817083	3876532	3912873	3868829	1.25	cps
Scandium	45-2	156719	154695	161135	157516	2.09	cps
Selenium	77-2	23	20	10	18	39.03	cps
Selenium	78-2	102	78	70	83	19.75	cps
Selenium	82-1	472	500	511	494	4.10	cps
Silicon	28-1	41395144	41369093	41457008	41407081	0.11	cps
Silver	109-1	7669	7911	7669	7750	1.80	cps
Silver	107-1	8186	8028	8069	8094	1.01	cps
Sodium	23-2	322312	320711	329777	324267	1.49	cps
Strontium	86-1	2292	2234	2192	2239	2.24	cps
Strontium	88-1	19072	19305	18755	19044	1.45	cps
Sulfur	34-1	565120	561515	560830	562488	0.41	cps
Terbium	159-1	7381363	7425006	7421980	7409450	0.33	cps
Terbium	159-2	3229916	3237354	3348268	3271846	2.03	cps
Thallium	203-1	9612	9162	8687	9154	5.06	cps
Thallium	205-1	21660	21518	21977	21719	1.08	cps
Tin	118-1	29256	29131	29148	29178	0.23	cps
Titanium	47-1	5751	5618	6110	5826	4.37	cps
Uranium	238-1	30863	30453	29568	30295	2.18	cps
Vanadium	51-2	8759	8649	9123	8844	2.80	cps
Yttrium	89-1	4974910	5002458	5002675	4993348	0.32	cps
Yttrium	89-2	612626	618309	639245	623393	2.25	cps
Zinc	66-2	893	900	900	898	0.43	cps
Zirconium	90-1	11672	12373	11080	11708	5.53	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	PB104815BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:45:11	DataFile Name :	022LCSE_P7121217 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2425	2450	2509	2461	1.74	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : PB104813BL Instrumnet Name : P7
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 14:48:43 DataFile Name : 023CCBE_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	25	25	17	86.60	cps
Antimony	121-1	275	242	333	283	16.38	cps
Arsenic	75-2	4	4	6	4	24.86	cps
Barium	135-1	50	117	58	75	48.43	cps
Barium	137-1	167	125	75	122	37.55	cps
Beryllium	9-1	422	406	361	396	7.97	cps
Bismuth	209-1	5400276	5204703	5529842	5378274	3.04	cps
Bismuth	209-2	2803692	2780179	2779749	2787873	0.49	cps
Boron	10-1	1175	1200	1017	1131	8.79	cps
Boron	11-1	4768	4484	4818	4690	3.83	cps
Cadmium	111-1	1798	1934	2024	1919	5.94	cps
Cadmium	106-1	2567	2759	2909	2745	6.24	cps
Cadmium	108-1	4	8	17	10	65.47	cps
Calcium	43-1	292	300	325	306	5.68	cps
Calcium	44-1	162677	160243	162190	161703	0.80	cps
Chromium	52-2	147	153	117	139	14.06	cps
Cobalt	59-2	173	167	187	176	5.80	cps
Copper	63-2	657	903	717	759	16.95	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	17	33	28	34.63	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-1	0	33	8	14	124.92	cps
Gadolinium	160-2	37	30	13	27	45.08	cps
Holmium	165-1	7472336	7275377	7627711	7458475	2.37	cps
Holmium	165-2	3458595	3431374	3433404	3441124	0.44	cps
Indium	115-1	5165252	4997351	5220548	5127717	2.27	cps
Indium	115-2	855565	851798	849267	852210	0.37	cps
Iron	56-2	9831	9626	9375	9611	2.38	cps
Iron	57-2	217	233	261	237	9.47	cps
Lead	206-1	611	489	528	543	11.51	cps
Lead	207-1	339	506	428	424	19.66	cps
Lead	208-1	1867	2106	2028	2000	6.09	cps
Lithium	6-1	5387857	5269704	5475536	5377699	1.92	cps
Magnesium	24-2	4351	4568	5126	4681	8.54	cps
Manganese	55-2	80	77	83	80	4.16	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	PB104813BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:48:43	DataFile Name :	023CCBE_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	208	242	158	203	20.69	cps
Molybdenum	95-1	142	150	208	167	21.79	cps
Molybdenum	96-1	192	217	142	183	20.83	cps
Molybdenum	97-1	83	58	117	86	33.98	cps
Molybdenum	98-1	183	258	158	200	26.02	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	583	523	550	552	5.44	cps
Phosphorus	31-2	175	225	217	206	13.03	cps
Potassium	39-2	27193	28779	27685	27885	2.91	cps
Rhodium	103-1	4418570	4297638	4493710	4403306	2.25	cps
Rhodium	103-2	1998725	1983066	1986218	1989336	0.42	cps
Scandium	45-1	3936714	3818632	4041270	3932205	2.83	cps
Scandium	45-2	161327	158598	158612	159512	0.99	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	6	13	9	44.56	cps
Selenium	82-1	-52	-26	-8	-29	-77.59	cps
Silicon	28-1	41133334	41181147	41265172	41193218	0.16	cps
Silver	109-1	67	42	50	53	24.12	cps
Silver	107-1	108	50	75	78	37.63	cps
Sodium	23-2	45528	44325	44918	44923	1.34	cps
Strontium	86-1	217	258	150	208	26.23	cps
Strontium	88-1	450	350	408	403	12.47	cps
Sulfur	34-1	564715	559211	560349	561425	0.52	cps
Terbium	159-1	7538939	7324707	7635271	7499639	2.12	cps
Terbium	159-2	3331753	3321488	3323407	3325549	0.16	cps
Thallium	203-1	225	233	292	250	14.53	cps
Thallium	205-1	650	442	508	533	19.95	cps
Tin	118-1	567	708	725	667	13.05	cps
Titanium	47-1	367	375	267	336	17.94	cps
Uranium	238-1	50	33	42	42	20.00	cps
Vanadium	51-2	10	7	13	10	33.30	cps
Yttrium	89-1	5080276	4939485	5165582	5061781	2.26	cps
Yttrium	89-2	634454	632309	632595	633120	0.18	cps
Zinc	66-2	247	257	267	257	3.90	cps
Zirconium	90-1	342	342	317	333	4.33	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	PB104813BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:48:43	DataFile Name :	023CCBE_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	50	58	83	64	27.15	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : PB104813BS Instrumnet Name : P7
 Client Sample ID : LCS007 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 14:52:16 DataFile Name : 024LCSE_P7121217 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2367	2525	2434	2442	3.26	cps
Antimony	121-1	14324	14550	15059	14644	2.57	cps
Arsenic	75-2	189	198	200	196	3.04	cps
Barium	135-1	17804	17754	18096	17884	1.03	cps
Barium	137-1	30317	31303	30677	30766	1.62	cps
Beryllium	9-1	4668	4801	4617	4695	2.02	cps
Bismuth	209-1	5391901	5277065	5348922	5339296	1.09	cps
Bismuth	209-2	2743734	2746667	2722508	2737636	0.48	cps
Boron	10-1	12155	12531	12556	12414	1.81	cps
Boron	11-1	53069	55511	55235	54605	2.45	cps
Cadmium	111-1	3558	3737	3337	3544	5.66	cps
Cadmium	106-1	2909	3075	2625	2870	7.93	cps
Cadmium	108-1	171	142	163	158	9.49	cps
Calcium	43-1	14032	12656	12764	13151	5.82	cps
Calcium	44-1	362930	363624	363373	363309	0.10	cps
Chromium	52-2	4677	4861	4931	4823	2.71	cps
Cobalt	59-2	3647	3721	3651	3673	1.13	cps
Copper	63-2	5641	5705	5618	5655	0.79	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	42	67	50	28.87	cps
Erbium	164-2	17	0	27	14	93.26	cps
Gadolinium	160-1	33	33	25	31	15.74	cps
Gadolinium	160-2	17	27	20	21	24.12	cps
Holmium	165-1	7477141	7396835	7502127	7458701	0.74	cps
Holmium	165-2	3432592	3448534	3383606	3421577	0.99	cps
Indium	115-1	5126172	5049937	5143960	5106690	0.98	cps
Indium	115-2	849229	851937	839935	847033	0.74	cps
Iron	56-2	421379	422894	420919	421731	0.24	cps
Iron	57-2	10070	10093	10143	10102	0.37	cps
Lead	206-1	7858	7575	7747	7727	1.85	cps
Lead	207-1	6946	7319	6958	7074	2.99	cps
Lead	208-1	31905	31538	31415	31619	0.81	cps
Lithium	6-1	5410094	5336520	5399785	5382133	0.74	cps
Magnesium	24-2	156222	156129	155945	156098	0.09	cps
Manganese	55-2	1257	1367	1330	1318	4.25	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	PB104813BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:52:16	DataFile Name :	024LCSE_P7121217 M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12982	13515	13240	13246	2.01	cps
Molybdenum	95-1	16519	16394	15417	16110	3.74	cps
Molybdenum	96-1	17436	16794	18137	17456	3.85	cps
Molybdenum	97-1	10287	10021	9820	10043	2.33	cps
Molybdenum	98-1	25582	25966	25883	25810	0.78	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	1593	1443	1460	1499	5.49	cps
Phosphorus	31-2	275	217	275	256	13.18	cps
Potassium	39-2	121040	118344	122116	120500	1.61	cps
Rhodium	103-1	4404703	4351142	4405329	4387058	0.71	cps
Rhodium	103-2	1989396	1980494	1954428	1974773	0.92	cps
Scandium	45-1	3912021	3845876	3914569	3890822	1.00	cps
Scandium	45-2	156454	159495	156634	157528	1.08	cps
Selenium	77-2	13	20	20	18	21.66	cps
Selenium	78-2	87	96	65	83	19.56	cps
Selenium	82-1	542	475	556	524	8.26	cps
Silicon	28-1	40992151	41306687	41385356	41228065	0.50	cps
Silver	109-1	7827	8520	8036	8128	4.37	cps
Silver	107-1	8311	8761	7777	8283	5.95	cps
Sodium	23-2	329423	331119	332152	330898	0.42	cps
Strontium	86-1	2334	2317	2359	2336	0.90	cps
Strontium	88-1	19756	19447	19831	19678	1.03	cps
Sulfur	34-1	550635	557832	554383	554283	0.65	cps
Terbium	159-1	7494048	7427749	7520013	7480603	0.64	cps
Terbium	159-2	3327667	3308962	3288145	3308258	0.60	cps
Thallium	203-1	9279	9404	8878	9187	2.99	cps
Thallium	205-1	20917	21017	21209	21048	0.71	cps
Tin	118-1	28638	29490	30063	29397	2.44	cps
Titanium	47-1	5826	5893	6335	6018	4.59	cps
Uranium	238-1	30737	30195	30153	30362	1.07	cps
Vanadium	51-2	8899	9446	9106	9151	3.02	cps
Yttrium	89-1	5064848	4976746	5049568	5030388	0.94	cps
Yttrium	89-2	633929	635378	625735	631681	0.82	cps
Zinc	66-2	1033	980	1040	1018	3.23	cps
Zirconium	90-1	12072	11422	11730	11741	2.77	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	PB104813BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:52:16	DataFile Name :	024LCSE_P7121217 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2567	2892	2859	2773	6.45	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCV034	Instrumnet Name :	P7
Client Sample ID :	CCV034	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:57:36	DataFile Name :	025CCV_P7121217 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3007474	3063807	3051391	3040891	0.97	cps
Antimony	121-1	1818425	1832515	1820181	1823707	0.42	cps
Arsenic	75-2	49313	50411	50379	50034	1.25	cps
Barium	135-1	2271060	2251387	2235760	2252736	0.79	cps
Barium	137-1	3962882	3947622	3931489	3947331	0.40	cps
Beryllium	9-1	1071656	1071924	1067038	1070206	0.26	cps
Bismuth	209-1	4783920	4820121	4775864	4793302	0.49	cps
Bismuth	209-2	2465240	2485877	2460314	2470477	0.55	cps
Boron	10-1	124855	126020	128006	126294	1.26	cps
Boron	11-1	542491	552996	555356	550281	1.24	cps
Cadmium	111-1	405237	405793	405263	405431	0.08	cps
Cadmium	106-1	50214	50634	50223	50357	0.48	cps
Cadmium	108-1	32721	32680	32279	32560	0.75	cps
Calcium	43-1	3317683	3306922	3299858	3308154	0.27	cps
Calcium	44-1	51022278	51056984	50923741	51001001	0.14	cps
Chromium	52-2	555119	560052	562718	559296	0.69	cps
Cobalt	59-2	830782	832454	841841	835026	0.71	cps
Copper	63-2	1122055	1135092	1138049	1131732	0.75	cps
Dysprosium	156-1	58	33	75	56	37.75	cps
Dysprosium	156-2	23	23	13	20	28.87	cps
Erbium	164-1	25	42	25	31	31.50	cps
Erbium	164-2	10	17	13	13	25.01	cps
Gadolinium	160-1	25	58	83	56	52.68	cps
Gadolinium	160-2	10	27	47	28	66.09	cps
Holmium	165-1	7192665	7257275	7156670	7202203	0.71	cps
Holmium	165-2	3324789	3350599	3332320	3335903	0.40	cps
Indium	115-1	4690949	4744716	4723279	4719648	0.57	cps
Indium	115-2	780191	790800	781761	784251	0.73	cps
Iron	56-2	110047058	110856511	111314433	110739334	0.58	cps
Iron	57-2	2673592	2699804	2712286	2695228	0.73	cps
Lead	206-1	1767114	1760886	1755287	1761096	0.34	cps
Lead	207-1	1593342	1598045	1589426	1593604	0.27	cps
Lead	208-1	7220993	7208778	7169884	7199885	0.37	cps
Lithium	6-1	5073201	5107586	5066037	5082275	0.44	cps
Magnesium	24-2	37778423	38272856	38445573	38165617	0.91	cps
Manganese	55-2	607071	613046	618425	612847	0.93	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCV034	Instrumnet Name :	P7
Client Sample ID :	CCV034	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:57:36	DataFile Name :	025CCV_P7121217 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3372174	3383582	3351332	3369029	0.49	cps
Molybdenum	95-1	4108943	4141215	4106361	4118839	0.47	cps
Molybdenum	96-1	4592649	4584010	4547502	4574720	0.52	cps
Molybdenum	97-1	2566720	2573666	2558710	2566365	0.29	cps
Molybdenum	98-1	6712879	6686575	6667739	6689064	0.34	cps
Neodymium	150-1	260	227	287	258	11.66	cps
Neodymium	150-2	37	13	37	29	46.64	cps
Nickel	60-2	210119	213002	213997	212373	0.95	cps
Phosphorus	31-2	26441	26091	27059	26530	1.85	cps
Potassium	39-2	11948466	12072846	12093595	12038303	0.65	cps
Rhodium	103-1	3890436	3910157	3898060	3899551	0.26	cps
Rhodium	103-2	1764185	1778794	1759241	1767407	0.58	cps
Scandium	45-1	3749135	3783394	3726534	3753021	0.76	cps
Scandium	45-2	154644	156227	155038	155303	0.53	cps
Selenium	77-2	1003	940	943	962	3.70	cps
Selenium	78-2	3330	3415	3263	3336	2.28	cps
Selenium	82-1	25007	24890	24537	24811	0.99	cps
Silicon	28-1	41461359	41225769	41857608	41514912	0.77	cps
Silver	109-1	1859296	1857840	1844756	1853964	0.43	cps
Silver	107-1	1932199	1919722	1923656	1925192	0.33	cps
Sodium	23-2	72132372	72962060	73195691	72763375	0.77	cps
Strontium	86-1	564898	563967	561475	563447	0.31	cps
Strontium	88-1	4982908	4999137	4950507	4977517	0.50	cps
Sulfur	34-1	774108	778930	781752	778263	0.50	cps
Terbium	159-1	7201077	7273314	7168208	7214200	0.75	cps
Terbium	159-2	3205966	3224775	3200028	3210256	0.40	cps
Thallium	203-1	2163815	2168056	2159391	2163754	0.20	cps
Thallium	205-1	5243656	5275973	5231855	5250494	0.44	cps
Tin	118-1	1450296	1448214	1450486	1449665	0.09	cps
Titanium	47-1	1475197	1466005	1471482	1470895	0.31	cps
Uranium	238-1	7942564	7946966	7910281	7933270	0.25	cps
Vanadium	51-2	465616	471594	475599	470936	1.07	cps
Yttrium	89-1	4827996	4860411	4799889	4829432	0.63	cps
Yttrium	89-2	606943	612827	605882	608551	0.61	cps
Zinc	66-2	150297	151035	151765	151033	0.49	cps
Zirconium	90-1	2862332	2827920	2830494	2840249	0.67	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCV034	Instrumnet Name :	P7
Client Sample ID :	CCV034	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 14:57:36	DataFile Name :	025CCV_P7121217 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	631536	625973	624758	627422	0.58	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : CCB034 Instrumnet Name : P7
 Client Sample ID : CCB034 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 15:12:15 DataFile Name : 026CCBE_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	17	42	19	107.85	cps
Antimony	121-1	667	750	567	661	13.89	cps
Arsenic	75-2	2	2	2	2	0.00	cps
Barium	135-1	133	67	108	103	32.77	cps
Barium	137-1	217	242	125	194	31.59	cps
Beryllium	9-1	394	506	433	444	12.69	cps
Bismuth	209-1	5262533	5180173	5238245	5226984	0.81	cps
Bismuth	209-2	2722601	2707750	2711808	2714053	0.28	cps
Boron	10-1	833	742	650	742	12.36	cps
Boron	11-1	3434	3275	3250	3320	3.00	cps
Cadmium	111-1	1761	1903	1812	1825	3.92	cps
Cadmium	106-1	2509	2709	2600	2606	3.84	cps
Cadmium	108-1	4	8	13	8	49.98	cps
Calcium	43-1	150	175	142	156	11.15	cps
Calcium	44-1	164144	160402	164954	163166	1.49	cps
Chromium	52-2	200	170	130	167	21.07	cps
Cobalt	59-2	170	223	130	174	26.84	cps
Copper	63-2	673	650	753	692	7.83	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	17	0	14	91.65	cps
Erbium	164-2	10	7	27	14	74.18	cps
Gadolinium	160-1	0	33	25	19	89.21	cps
Gadolinium	160-2	23	17	33	24	34.31	cps
Holmium	165-1	7316706	7307374	7351685	7325255	0.32	cps
Holmium	165-2	3388762	3382102	3370764	3380543	0.27	cps
Indium	115-1	5021030	4969071	4993563	4994555	0.52	cps
Indium	115-2	827277	822810	831184	827090	0.51	cps
Iron	56-2	11188	11399	11449	11345	1.22	cps
Iron	57-2	272	317	294	294	7.55	cps
Lead	206-1	483	583	639	569	13.87	cps
Lead	207-1	494	428	522	482	10.08	cps
Lead	208-1	2111	2339	2311	2254	5.51	cps
Lithium	6-1	5306144	5285720	5297582	5296482	0.19	cps
Magnesium	24-2	4276	4684	4434	4465	4.61	cps
Manganese	55-2	83	110	97	97	13.79	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCB034	Instrumnet Name :	P7
Client Sample ID :	CCB034	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:12:15	DataFile Name :	026CCBE_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	250	200	258	236	13.36	cps
Molybdenum	95-1	200	300	192	231	26.15	cps
Molybdenum	96-1	275	317	250	281	12.01	cps
Molybdenum	97-1	167	117	192	158	24.12	cps
Molybdenum	98-1	475	317	375	389	20.59	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	453	450	410	438	5.51	cps
Phosphorus	31-2	233	233	308	258	16.76	cps
Potassium	39-2	26917	28236	28219	27791	2.72	cps
Rhodium	103-1	4260825	4285856	4311412	4286031	0.59	cps
Rhodium	103-2	1937144	1930608	1943676	1937143	0.34	cps
Scandium	45-1	3810947	3811344	3835681	3819324	0.37	cps
Scandium	45-2	157901	156388	159049	157779	0.85	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	4	6	6	33.38	cps
Selenium	82-1	1	-2	-32	-11	-168.91	cps
Silicon	28-1	41317497	41300152	41407931	41341860	0.14	cps
Silver	109-1	50	17	58	42	52.91	cps
Silver	107-1	100	100	108	103	4.68	cps
Sodium	23-2	46924	45687	46372	46328	1.34	cps
Strontium	86-1	242	225	133	200	29.17	cps
Strontium	88-1	375	400	358	378	5.55	cps
Sulfur	34-1	553503	556751	553847	554700	0.32	cps
Terbium	159-1	7378223	7298215	7357782	7344740	0.57	cps
Terbium	159-2	3268304	3262342	3264910	3265185	0.09	cps
Thallium	203-1	150	242	217	203	23.37	cps
Thallium	205-1	442	458	550	483	12.07	cps
Tin	118-1	700	567	558	608	13.07	cps
Titanium	47-1	283	233	258	258	9.68	cps
Uranium	238-1	58	50	25	44	39.04	cps
Vanadium	51-2	0	13	13	9	86.60	cps
Yttrium	89-1	4935519	4888711	4903865	4909365	0.49	cps
Yttrium	89-2	616597	617209	617020	616942	0.05	cps
Zinc	66-2	163	153	130	149	11.49	cps
Zirconium	90-1	308	433	442	394	18.94	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCB034	Instrumnet Name :	P7
Client Sample ID :	CCB034	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:12:15	DataFile Name :	026CCBE_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	50	125	100	92	41.66	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6692-22 Instrumnet Name : P7
 Client Sample ID : MA4YX4 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 15:15:51 DataFile Name : 027SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	275	300	300	292	4.95	cps
Antimony	121-1	325	350	417	364	13.02	cps
Arsenic	75-2	7	0	7	5	86.60	cps
Barium	135-1	1083	1133	1158	1125	3.39	cps
Barium	137-1	1950	2034	1934	1972	2.72	cps
Beryllium	9-1	417	400	394	404	2.86	cps
Bismuth	209-1	5792310	5737490	5649597	5726466	1.26	cps
Bismuth	209-2	2784626	2905649	2774106	2821460	2.59	cps
Boron	10-1	717	708	658	694	4.54	cps
Boron	11-1	2792	3225	3109	3042	7.37	cps
Cadmium	111-1	2284	1935	2078	2099	8.35	cps
Cadmium	106-1	3251	2775	2975	3000	7.95	cps
Cadmium	108-1	0	29	13	14	105.36	cps
Calcium	43-1	725	642	600	656	9.71	cps
Calcium	44-1	173665	173819	173121	173535	0.21	cps
Chromium	52-2	190	237	200	209	11.76	cps
Cobalt	59-2	143	140	123	136	7.90	cps
Copper	63-2	713	673	627	671	6.46	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	8	25	25	19	49.50	cps
Erbium	164-2	27	10	3	13	90.16	cps
Gadolinium	160-1	33	8	17	19	65.47	cps
Gadolinium	160-2	33	33	37	34	5.60	cps
Holmium	165-1	7977453	7913159	7817821	7902811	1.02	cps
Holmium	165-2	3489847	3550592	3488399	3509613	1.01	cps
Indium	115-1	5472170	5445486	5354434	5424030	1.14	cps
Indium	115-2	858039	869402	854827	860756	0.89	cps
Iron	56-2	15631	16377	16126	16045	2.37	cps
Iron	57-2	428	478	494	467	7.43	cps
Lead	206-1	772	672	650	698	9.33	cps
Lead	207-1	533	544	567	548	3.10	cps
Lead	208-1	2667	2761	2650	2693	2.23	cps
Lithium	6-1	5819753	5794201	5695319	5769758	1.14	cps
Magnesium	24-2	5118	5568	5468	5385	4.39	cps
Manganese	55-2	330	293	277	300	9.10	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6692-22 Instrumnet Name : P7
 Client Sample ID : MA4YX4 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 15:15:51 DataFile Name : 027SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	258	250	233	247	5.15	cps
Molybdenum	95-1	108	175	108	131	29.48	cps
Molybdenum	96-1	242	258	267	256	4.98	cps
Molybdenum	97-1	117	50	58	75	48.43	cps
Molybdenum	98-1	175	200	267	214	22.15	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	443	447	457	449	1.55	cps
Phosphorus	31-2	233	208	292	244	17.49	cps
Potassium	39-2	28520	27151	27819	27830	2.46	cps
Rhodium	103-1	4668598	4633450	4580915	4627654	0.95	cps
Rhodium	103-2	1998732	2041500	2014746	2018326	1.07	cps
Scandium	45-1	4185401	4164875	4121035	4157104	0.79	cps
Scandium	45-2	161661	167144	162390	163732	1.82	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	13	9	6	9	39.96	cps
Selenium	82-1	0	-46	-6	-17	-147.07	cps
Silicon	28-1	42104135	41986463	42207433	42099344	0.26	cps
Silver	109-1	33	50	33	39	24.75	cps
Silver	107-1	67	108	92	89	23.59	cps
Sodium	23-2	52083	52066	52183	52111	0.12	cps
Strontium	86-1	575	500	500	525	8.25	cps
Strontium	88-1	2934	2834	2992	2920	2.74	cps
Sulfur	34-1	548884	547509	548558	548317	0.13	cps
Terbium	159-1	8012587	7942591	7860813	7938664	0.96	cps
Terbium	159-2	3374414	3440020	3370882	3395105	1.15	cps
Thallium	203-1	125	158	200	161	23.32	cps
Thallium	205-1	367	450	400	406	10.34	cps
Tin	118-1	825	908	883	872	4.90	cps
Titanium	47-1	408	308	192	303	35.81	cps
Uranium	238-1	33	25	17	25	33.32	cps
Vanadium	51-2	20	37	20	26	37.66	cps
Yttrium	89-1	5384222	5334666	5267586	5328825	1.10	cps
Yttrium	89-2	633875	645030	638034	638980	0.88	cps
Zinc	66-2	180	203	173	186	8.49	cps
Zirconium	90-1	267	300	358	308	15.05	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6692-22	Instrumnet Name :	P7
Client Sample ID :	MA4YX4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:15:51	DataFile Name :	027SMPL_P7121217 M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	42	58	75	58	28.57	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-33 Instrumnet Name : P7
 Client Sample ID : MA4Z20 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 15:19:23 DataFile Name : 028SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30824	30783	31309	30972	0.94	cps
Antimony	121-1	42215	43661	42691	42855	1.72	cps
Arsenic	75-2	593	509	494	532	9.94	cps
Barium	135-1	67	167	100	111	45.82	cps
Barium	137-1	150	158	125	144	12.01	cps
Beryllium	9-1	7041	7274	7130	7148	1.65	cps
Bismuth	209-1	5254421	5238407	5241147	5244658	0.16	cps
Bismuth	209-2	2709288	2636539	2715606	2687144	1.64	cps
Boron	10-1	600	792	725	706	13.79	cps
Boron	11-1	2725	2617	2900	2748	5.20	cps
Cadmium	111-1	4559	4645	4434	4546	2.33	cps
Cadmium	106-1	3025	2934	2825	2928	3.42	cps
Cadmium	108-1	179	150	188	172	11.44	cps
Calcium	43-1	11580	11413	11180	11391	1.77	cps
Calcium	44-1	346727	346055	348040	346941	0.29	cps
Chromium	52-2	6672	7092	7245	7003	4.24	cps
Cobalt	59-2	5451	5675	5728	5618	2.61	cps
Copper	63-2	8292	7739	8406	8146	4.38	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	42	17	25	28	45.82	cps
Erbium	164-2	0	0	10	3	173.21	cps
Gadolinium	160-1	25	25	33	28	17.31	cps
Gadolinium	160-2	23	13	27	21	32.88	cps
Holmium	165-1	7361760	7345777	7365085	7357541	0.14	cps
Holmium	165-2	3374946	3310726	3373900	3353190	1.10	cps
Indium	115-1	5049674	5011749	5009283	5023569	0.45	cps
Indium	115-2	829252	814735	836939	826975	1.36	cps
Iron	56-2	196878	195988	197915	196927	0.49	cps
Iron	57-2	5112	5079	4995	5062	1.19	cps
Lead	206-1	31093	30942	31649	31228	1.19	cps
Lead	207-1	27189	27696	27752	27546	1.12	cps
Lead	208-1	123308	125846	124834	124663	1.03	cps
Lithium	6-1	5306626	5316287	5311736	5311550	0.09	cps
Magnesium	24-2	59770	58080	59971	59274	1.75	cps
Manganese	55-2	4921	4758	4674	4784	2.62	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-33	Instrumnet Name :	P7
Client Sample ID :	MA4Z20	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:19:23	DataFile Name :	028SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	167	217	183	189	13.48	cps
Molybdenum	95-1	92	158	183	144	32.81	cps
Molybdenum	96-1	242	308	167	239	29.67	cps
Molybdenum	97-1	75	75	83	78	6.19	cps
Molybdenum	98-1	200	217	258	225	13.35	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1723	1927	1853	1835	5.61	cps
Phosphorus	31-2	250	250	258	253	1.90	cps
Potassium	39-2	91179	93158	92479	92272	1.09	cps
Rhodium	103-1	4313208	4294193	4288533	4298644	0.30	cps
Rhodium	103-2	1941404	1900626	1949464	1930498	1.36	cps
Scandium	45-1	3882288	3837897	3852682	3857622	0.59	cps
Scandium	45-2	155526	153195	157268	155330	1.32	cps
Selenium	77-2	20	53	40	38	44.41	cps
Selenium	78-2	107	81	141	110	27.04	cps
Selenium	82-1	834	808	852	831	2.65	cps
Silicon	28-1	41828318	41697464	41723945	41749909	0.17	cps
Silver	109-1	12114	12923	12773	12603	3.41	cps
Silver	107-1	13432	11847	12698	12659	6.27	cps
Sodium	23-2	175701	173315	179175	176064	1.67	cps
Strontium	86-1	325	267	317	303	10.42	cps
Strontium	88-1	1158	1233	1275	1222	4.84	cps
Sulfur	34-1	560713	559587	557642	559314	0.28	cps
Terbium	159-1	7388488	7382146	7371033	7380556	0.12	cps
Terbium	159-2	3248721	3206504	3278714	3244647	1.12	cps
Thallium	203-1	14016	13624	13391	13677	2.31	cps
Thallium	205-1	34262	33744	33376	33794	1.32	cps
Tin	118-1	1967	1950	1784	1900	5.34	cps
Titanium	47-1	333	300	250	294	14.24	cps
Uranium	238-1	25	33	25	28	17.31	cps
Vanadium	51-2	3657	3831	3897	3795	3.27	cps
Yttrium	89-1	4954246	4911576	4925757	4930526	0.44	cps
Yttrium	89-2	621640	603076	622936	615884	1.80	cps
Zinc	66-2	3054	3294	3164	3170	3.79	cps
Zirconium	90-1	425	525	442	464	11.55	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-33	Instrumnet Name :	P7
Client Sample ID :	MA4Z20	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:19:23	DataFile Name :	028SMPL_P7121217 M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	92	92	117	37.12	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : CCV035 Instrumnet Name : P7
 Client Sample ID : CCV035 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 15:22:54 DataFile Name : 029CCV_P7121217 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3071906	3034987	3076854	3061249	0.75	cps
Antimony	121-1	1821359	1827333	1827493	1825395	0.19	cps
Arsenic	75-2	49525	49131	49872	49509	0.75	cps
Barium	135-1	2245552	2249816	2242090	2245819	0.17	cps
Barium	137-1	3939135	3929642	3946924	3938567	0.22	cps
Beryllium	9-1	1077919	1073034	1076244	1075732	0.23	cps
Bismuth	209-1	4756333	4859926	4810884	4809048	1.08	cps
Bismuth	209-2	2492011	2378262	2464922	2445065	2.43	cps
Boron	10-1	122181	124122	126181	124161	1.61	cps
Boron	11-1	536023	548699	559873	548198	2.18	cps
Cadmium	111-1	405624	405414	405105	405381	0.06	cps
Cadmium	106-1	51252	51294	50089	50879	1.34	cps
Cadmium	108-1	32997	32162	32007	32389	1.64	cps
Calcium	43-1	3314700	3304673	3295321	3304898	0.29	cps
Calcium	44-1	50872001	50893729	50807792	50857841	0.09	cps
Chromium	52-2	565502	563583	558452	562512	0.65	cps
Cobalt	59-2	837653	834603	832646	834967	0.30	cps
Copper	63-2	1136552	1132006	1133888	1134149	0.20	cps
Dysprosium	156-1	75	33	67	58	37.80	cps
Dysprosium	156-2	20	20	20	20	0.00	cps
Erbium	164-1	33	50	33	39	24.75	cps
Erbium	164-2	13	13	20	16	24.76	cps
Gadolinium	160-1	33	33	33	33	0.00	cps
Gadolinium	160-2	50	40	33	41	20.41	cps
Holmium	165-1	7193962	7323320	7258294	7258525	0.89	cps
Holmium	165-2	3382319	3229195	3338883	3316799	2.38	cps
Indium	115-1	4725886	4812358	4754422	4764222	0.92	cps
Indium	115-2	792123	756851	787762	778912	2.47	cps
Iron	56-2	110860061	110582794	110892511	110778455	0.15	cps
Iron	57-2	2690791	2697852	2693996	2694213	0.13	cps
Lead	206-1	1764198	1765817	1756753	1762256	0.27	cps
Lead	207-1	1590807	1587051	1582986	1586948	0.25	cps
Lead	208-1	7172642	7184454	7160147	7172415	0.17	cps
Lithium	6-1	5077316	5159623	5103565	5113501	0.82	cps
Magnesium	24-2	38450004	38207026	38447570	38368200	0.36	cps
Manganese	55-2	614282	612003	616413	614233	0.36	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCV035	Instrumnet Name :	P7
Client Sample ID :	CCV035	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:22:54	DataFile Name :	029CCV_P7121217 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3364613	3355760	3361287	3360553	0.13	cps
Molybdenum	95-1	4109962	4094661	4098438	4101020	0.19	cps
Molybdenum	96-1	4546434	4536234	4556401	4546356	0.22	cps
Molybdenum	97-1	2556369	2552714	2543664	2550916	0.26	cps
Molybdenum	98-1	6622640	6637102	6634376	6631373	0.12	cps
Neodymium	150-1	260	153	247	220	26.42	cps
Neodymium	150-2	30	20	37	29	29.04	cps
Nickel	60-2	212334	212397	211772	212168	0.16	cps
Phosphorus	31-2	26591	26399	26950	26647	1.05	cps
Potassium	39-2	12094363	12029867	12128271	12084167	0.41	cps
Rhodium	103-1	3892320	3973764	3917514	3927866	1.06	cps
Rhodium	103-2	1782498	1712362	1769065	1754642	2.12	cps
Scandium	45-1	3751186	3818719	3769950	3779952	0.92	cps
Scandium	45-2	157064	150446	155078	154196	2.20	cps
Selenium	77-2	860	993	987	947	7.94	cps
Selenium	78-2	3289	3260	3280	3276	0.46	cps
Selenium	82-1	24900	24910	24706	24839	0.46	cps
Silicon	28-1	41409942	41685267	41839887	41645032	0.52	cps
Silver	109-1	1857600	1852942	1860969	1857170	0.22	cps
Silver	107-1	1927214	1939101	1919048	1928454	0.52	cps
Sodium	23-2	73524879	72806393	73103843	73145038	0.49	cps
Strontium	86-1	557279	562176	556902	558786	0.53	cps
Strontium	88-1	4998336	4948181	4962451	4969656	0.52	cps
Sulfur	34-1	797321	795376	797384	796694	0.14	cps
Terbium	159-1	7209566	7357316	7301357	7289413	1.02	cps
Terbium	159-2	3240010	3104047	3208363	3184140	2.23	cps
Thallium	203-1	2163273	2162432	2141545	2155750	0.57	cps
Thallium	205-1	5257634	5264430	5234203	5252089	0.30	cps
Tin	118-1	1438968	1446163	1443723	1442951	0.25	cps
Titanium	47-1	1474550	1474082	1462759	1470463	0.45	cps
Uranium	238-1	7795129	7784696	7803898	7794574	0.12	cps
Vanadium	51-2	471491	472245	471852	471863	0.08	cps
Yttrium	89-1	4808487	4886664	4855869	4850340	0.81	cps
Yttrium	89-2	612827	586953	611842	603874	2.43	cps
Zinc	66-2	152274	151388	151284	151649	0.36	cps
Zirconium	90-1	2818481	2822004	2821558	2820681	0.07	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCV035	Instrumnet Name :	P7
Client Sample ID :	CCV035	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:22:54	DataFile Name :	029CCV_P7121217 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	621995	625404	630785	626061	0.71	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : CCB035 Instrumnet Name : P7
 Client Sample ID : CCB035 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 15:28:29 DataFile Name : 030CCBE_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	150	100	111	31.23	cps
Antimony	121-1	2267	2634	2717	2539	9.43	cps
Arsenic	75-2	7	11	9	9	19.98	cps
Barium	135-1	208	233	225	222	5.73	cps
Barium	137-1	367	342	283	331	12.94	cps
Beryllium	9-1	972	1111	1056	1046	6.68	cps
Bismuth	209-1	5287445	5322035	5043540	5217673	2.91	cps
Bismuth	209-2	2730033	2713121	2715948	2719701	0.33	cps
Boron	10-1	1850	1917	1767	1845	4.08	cps
Boron	11-1	8695	8403	7469	8189	7.82	cps
Cadmium	111-1	2044	1699	1735	1826	10.39	cps
Cadmium	106-1	2909	2400	2467	2592	10.66	cps
Cadmium	108-1	13	21	13	15	31.48	cps
Calcium	43-1	233	267	283	261	9.75	cps
Calcium	44-1	165147	164926	163611	164561	0.50	cps
Chromium	52-2	263	147	190	200	29.49	cps
Cobalt	59-2	213	260	213	229	11.77	cps
Copper	63-2	763	860	747	790	7.75	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	0	25	17	14	91.65	cps
Erbium	164-2	13	13	10	12	15.73	cps
Gadolinium	160-1	0	8	58	22	141.99	cps
Gadolinium	160-2	40	23	23	29	33.32	cps
Holmium	165-1	7425328	7476572	7158496	7353465	2.32	cps
Holmium	165-2	3414881	3399494	3393985	3402787	0.32	cps
Indium	115-1	5096357	5111236	4910797	5039463	2.22	cps
Indium	115-2	839985	829384	837844	835738	0.67	cps
Iron	56-2	17750	17300	16104	17051	4.99	cps
Iron	57-2	433	450	472	452	4.32	cps
Lead	206-1	850	672	744	756	11.83	cps
Lead	207-1	628	611	639	626	2.23	cps
Lead	208-1	3084	3095	2989	3056	1.90	cps
Lithium	6-1	5305480	5341509	5182456	5276482	1.58	cps
Magnesium	24-2	4001	3967	4342	4103	5.06	cps
Manganese	55-2	160	157	110	142	19.66	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCB035	Instrumnet Name :	P7
Client Sample ID :	CCB035	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:28:29	DataFile Name :	030CCBE_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	850	667	758	758	12.09	cps
Molybdenum	95-1	767	717	825	770	7.05	cps
Molybdenum	96-1	1175	950	1050	1058	10.65	cps
Molybdenum	97-1	583	542	533	553	4.85	cps
Molybdenum	98-1	1608	1408	1367	1461	8.84	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	400	360	390	383	5.43	cps
Phosphorus	31-2	225	217	308	250	20.28	cps
Potassium	39-2	29330	27810	28979	28706	2.77	cps
Rhodium	103-1	4369679	4365784	4214877	4316780	2.04	cps
Rhodium	103-2	1960426	1951724	1953258	1955136	0.24	cps
Scandium	45-1	3874241	3891746	3661497	3809161	3.37	cps
Scandium	45-2	159383	158258	157035	158225	0.74	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	13	22	13	71.45	cps
Selenium	82-1	-5	-46	-30	-27	-76.05	cps
Silicon	28-1	41448596	41291425	41638198	41459406	0.42	cps
Silver	109-1	42	83	117	81	46.64	cps
Silver	107-1	158	167	92	139	29.60	cps
Sodium	23-2	55002	53455	53036	53831	1.92	cps
Strontium	86-1	192	225	175	197	12.91	cps
Strontium	88-1	425	333	417	392	12.94	cps
Sulfur	34-1	548188	547390	545694	547091	0.23	cps
Terbium	159-1	7483550	7503679	7197399	7394876	2.32	cps
Terbium	159-2	3290174	3279496	3272231	3280634	0.28	cps
Thallium	203-1	233	300	325	286	16.56	cps
Thallium	205-1	692	700	600	664	8.36	cps
Tin	118-1	1008	1150	1100	1086	6.62	cps
Titanium	47-1	208	283	275	256	16.09	cps
Uranium	238-1	117	250	225	197	35.94	cps
Vanadium	51-2	7	13	27	16	65.47	cps
Yttrium	89-1	5009283	5029131	4839992	4959469	2.10	cps
Yttrium	89-2	626612	621755	626007	624791	0.42	cps
Zinc	66-2	193	220	227	213	8.27	cps
Zirconium	90-1	708	650	625	661	6.47	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCB035	Instrumnet Name :	P7
Client Sample ID :	CCB035	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:28:29	DataFile Name :	030CCBE_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	125	125	125	0.00	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6695-01 Instrumnet Name : P7
 Client Sample ID : MA4YY6 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 15:32:04 DataFile Name : 031SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	700	625	567	631	10.60	cps
Antimony	121-1	4409	3967	3851	4076	7.23	cps
Arsenic	75-2	252	196	193	214	15.54	cps
Barium	135-1	16160	15818	16310	16096	1.57	cps
Barium	137-1	28547	29133	28188	28622	1.67	cps
Beryllium	9-1	606	622	683	637	6.43	cps
Bismuth	209-1	3511212	3453609	3457339	3474053	0.93	cps
Bismuth	209-2	1756953	1714033	1714872	1728620	1.42	cps
Boron	10-1	519423	521775	525108	522102	0.55	cps
Boron	11-1	2435730	2462492	2496985	2465069	1.25	cps
Cadmium	111-1	1626	1446	1462	1511	6.58	cps
Cadmium	106-1	2234	1950	2025	2070	7.09	cps
Cadmium	108-1	54	46	38	46	18.19	cps
Calcium	43-1	2851486	2851691	2862292	2855156	0.22	cps
Calcium	44-1	44313909	44183324	44186985	44228073	0.17	cps
Chromium	52-2	2694	2497	2574	2588	3.83	cps
Cobalt	59-2	553	503	557	538	5.56	cps
Copper	63-2	3911	4034	3904	3949	1.85	cps
Dysprosium	156-1	33	58	75	56	37.75	cps
Dysprosium	156-2	13	10	23	16	44.60	cps
Erbium	164-1	67	117	33	72	58.08	cps
Erbium	164-2	47	43	20	37	39.63	cps
Gadolinium	160-1	42	100	117	86	45.73	cps
Gadolinium	160-2	53	40	60	51	19.92	cps
Holmium	165-1	5737675	5729148	5777371	5748065	0.45	cps
Holmium	165-2	2577055	2515005	2513894	2535318	1.43	cps
Indium	115-1	3938172	3879516	3882113	3899934	0.85	cps
Indium	115-2	635493	614161	610460	620038	2.18	cps
Iron	56-2	52098	49372	48882	50117	3.46	cps
Iron	57-2	6063	6140	5824	6009	2.75	cps
Lead	206-1	3717	3467	3601	3595	3.48	cps
Lead	207-1	3317	3228	3134	3226	2.84	cps
Lead	208-1	14854	14637	14231	14574	2.17	cps
Lithium	6-1	4450498	4495965	4560180	4502214	1.22	cps
Magnesium	24-2	100450746	98319767	97303871	98691461	1.63	cps
Manganese	55-2	90014	87602	87461	88359	1.62	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6695-01	Instrumnet Name :	P7
Client Sample ID :	MA4YY6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:32:04	DataFile Name :	031SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5626	5426	5493	5515	1.85	cps
Molybdenum	95-1	8378	8103	8661	8381	3.33	cps
Molybdenum	96-1	8328	8278	8186	8264	0.87	cps
Molybdenum	97-1	7352	7886	8111	7783	5.01	cps
Molybdenum	98-1	12414	12556	12006	12325	2.32	cps
Neodymium	150-1	67	47	47	53	21.65	cps
Neodymium	150-2	3	20	3	9	108.30	cps
Nickel	60-2	1127	1137	1207	1157	3.77	cps
Phosphorus	31-2	867	558	567	664	26.46	cps
Potassium	39-2	19520173	19041551	18939529	19167084	1.62	cps
Rhodium	103-1	2990025	2965421	2994828	2983425	0.53	cps
Rhodium	103-2	1348661	1310615	1313637	1324305	1.60	cps
Scandium	45-1	3114666	3109026	3132054	3118582	0.38	cps
Scandium	45-2	130425	128253	127304	128661	1.24	cps
Selenium	77-2	10	20	13	14	35.26	cps
Selenium	78-2	20	20	33	25	30.31	cps
Selenium	82-1	-1226	-1875	-2648	-1916	-37.14	cps
Silicon	28-1	50044768	50296761	50703216	50348248	0.66	cps
Silver	109-1	2050	2309	1992	2117	7.96	cps
Silver	107-1	1975	2467	1950	2131	13.68	cps
Sodium	23-2	1644007137	1603012603	1596676502	1614565414	1.59	cps
Strontium	86-1	4125821	4094484	4094250	4104852	0.44	cps
Strontium	88-1	35863013	35799353	35843296	35835221	0.09	cps
Sulfur	34-1	8604366	8608379	8638573	8617106	0.22	cps
Terbium	159-1	5786243	5750856	5783363	5773488	0.34	cps
Terbium	159-2	2479814	2417864	2417568	2438415	1.47	cps
Thallium	203-1	642	375	392	469	31.82	cps
Thallium	205-1	1300	1042	975	1106	15.53	cps
Tin	118-1	2417	2167	1984	2189	9.94	cps
Titanium	47-1	7852	8278	7852	7994	3.07	cps
Uranium	238-1	20818	20358	19891	20356	2.28	cps
Vanadium	51-2	2750	2554	2634	2646	3.74	cps
Yttrium	89-1	3889879	3860254	3904658	3884930	0.58	cps
Yttrium	89-2	497941	487661	482189	489264	1.63	cps
Zinc	66-2	880	777	763	807	7.92	cps
Zirconium	90-1	3359	2534	2550	2814	16.76	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6695-01	Instrumnet Name :	P7
Client Sample ID :	MA4YY6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:32:04	DataFile Name :	031SMPL_P7121217 M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	667	633	525	608	12.17	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6695-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4YY6	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 15:35:37	DataFile Name :	032SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	400	367	517	428	18.41	cps
Antimony	121-1	2000	2059	1984	2014	1.96	cps
Arsenic	75-2	150	111	111	124	18.10	cps
Barium	135-1	8320	8586	8628	8511	1.97	cps
Barium	137-1	14441	14750	15301	14831	2.94	cps
Beryllium	9-1	533	611	394	513	21.40	cps
Bismuth	209-1	3707904	3743183	3741297	3730795	0.53	cps
Bismuth	209-2	1932067	1966543	1987815	1962142	1.43	cps
Boron	10-1	284801	289825	292731	289119	1.39	cps
Boron	11-1	1309884	1350325	1381739	1347316	2.67	cps
Cadmium	111-1	1495	1516	1378	1463	5.09	cps
Cadmium	106-1	2084	2142	1934	2053	5.24	cps
Cadmium	108-1	25	13	25	21	34.64	cps
Calcium	43-1	1526390	1534975	1547369	1536245	0.69	cps
Calcium	44-1	23870008	24004532	24270469	24048336	0.85	cps
Chromium	52-2	1517	1343	1487	1449	6.39	cps
Cobalt	59-2	343	313	317	324	5.07	cps
Copper	63-2	2760	3127	2994	2960	6.27	cps
Dysprosium	156-1	17	17	42	25	57.73	cps
Dysprosium	156-2	0	23	10	11	105.35	cps
Erbium	164-1	58	50	33	47	26.97	cps
Erbium	164-2	27	17	10	18	47.19	cps
Gadolinium	160-1	17	25	25	22	21.64	cps
Gadolinium	160-2	57	30	27	38	43.52	cps
Holmium	165-1	6156041	6210923	6174194	6180386	0.45	cps
Holmium	165-2	2789527	2850094	2879003	2839542	1.61	cps
Indium	115-1	4030259	4056178	4040541	4042326	0.32	cps
Indium	115-2	671019	686168	689793	682327	1.46	cps
Iron	56-2	32152	30989	31468	31536	1.85	cps
Iron	57-2	3156	3273	3312	3247	2.49	cps
Lead	206-1	2317	2306	2150	2258	4.13	cps
Lead	207-1	2134	2061	1761	1985	9.94	cps
Lead	208-1	9402	9135	8290	8942	6.49	cps
Lithium	6-1	4776145	4815485	4833617	4808416	0.61	cps
Magnesium	24-2	53996992	55132657	56085247	55071632	1.90	cps
Manganese	55-2	48764	48995	50891	49550	2.36	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6695-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4YY6	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 15:35:37	DataFile Name :	032SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2559	2859	2859	2759	6.28	cps
Molybdenum	95-1	4668	4776	4651	4698	1.45	cps
Molybdenum	96-1	4493	4309	4359	4387	2.16	cps
Molybdenum	97-1	3884	3834	4001	3906	2.19	cps
Molybdenum	98-1	6627	6677	6510	6605	1.30	cps
Neodymium	150-1	13	27	27	22	34.66	cps
Neodymium	150-2	0	3	13	6	124.93	cps
Nickel	60-2	777	880	797	818	6.70	cps
Phosphorus	31-2	400	442	475	439	8.56	cps
Potassium	39-2	10428755	10688928	10833026	10650236	1.92	cps
Rhodium	103-1	3240438	3298130	3276265	3271611	0.89	cps
Rhodium	103-2	1481659	1520335	1532067	1511354	1.75	cps
Scandium	45-1	3275079	3376769	3335191	3329013	1.54	cps
Scandium	45-2	139771	143089	143968	142276	1.56	cps
Selenium	77-2	7	10	3	7	50.03	cps
Selenium	78-2	9	9	11	10	10.81	cps
Selenium	82-1	-476	-759	-993	-743	-34.86	cps
Silicon	28-1	49977442	49719745	49894084	49863757	0.26	cps
Silver	109-1	1767	1600	1258	1542	16.81	cps
Silver	107-1	1659	1734	1550	1647	5.60	cps
Sodium	23-2	876774486	891899753	908741187	892471809	1.79	cps
Strontium	86-1	2203182	2216922	2243385	2221163	0.92	cps
Strontium	88-1	19350493	19645926	19742178	19579532	1.04	cps
Sulfur	34-1	4908063	4955517	5032299	4965293	1.26	cps
Terbium	159-1	6153697	6218423	6197438	6189853	0.53	cps
Terbium	159-2	2689078	2758779	2772341	2740066	1.63	cps
Thallium	203-1	208	200	158	189	14.18	cps
Thallium	205-1	333	442	300	358	20.67	cps
Tin	118-1	967	1133	1292	1131	14.38	cps
Titanium	47-1	3376	3492	3451	3439	1.72	cps
Uranium	238-1	11005	11255	11214	11158	1.20	cps
Vanadium	51-2	1587	1643	1647	1626	2.07	cps
Yttrium	89-1	4157293	4226521	4163617	4182477	0.92	cps
Yttrium	89-2	530894	542380	551419	541565	1.90	cps
Zinc	66-2	453	497	437	462	6.70	cps
Zirconium	90-1	1117	1083	1083	1095	1.76	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6695-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4YY6	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 15:35:37	DataFile Name :	032SMPL_P7121217 M6

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	350	225	317	297	21.78	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-19	Instrumnet Name :	P7
Client Sample ID :	MA4YY0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:39:11	DataFile Name :	033SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5335	5518	5693	5515	3.25	cps
Antimony	121-1	2367	2442	2567	2459	4.11	cps
Arsenic	75-2	233	302	217	251	18.01	cps
Barium	135-1	16502	17654	17211	17122	3.39	cps
Barium	137-1	29758	31228	29549	30178	3.03	cps
Beryllium	9-1	556	467	550	524	9.50	cps
Bismuth	209-1	3556530	3555463	3578040	3563344	0.36	cps
Bismuth	209-2	1794273	1787567	1716736	1766192	2.43	cps
Boron	10-1	562852	572854	580617	572108	1.56	cps
Boron	11-1	2648237	2719044	2745751	2704344	1.86	cps
Cadmium	111-1	1513	1759	1494	1589	9.30	cps
Cadmium	106-1	2134	2484	2134	2250	8.98	cps
Cadmium	108-1	50	54	58	54	7.69	cps
Calcium	43-1	3026570	3061614	3086004	3058063	0.98	cps
Calcium	44-1	47002448	47591894	47678128	47424157	0.78	cps
Chromium	52-2	3234	3310	3337	3294	1.63	cps
Cobalt	59-2	610	553	513	559	8.69	cps
Copper	63-2	11198	11978	11725	11634	3.42	cps
Dysprosium	156-1	100	108	150	119	22.43	cps
Dysprosium	156-2	73	57	60	63	13.92	cps
Erbium	164-1	167	175	200	181	9.61	cps
Erbium	164-2	43	67	67	59	22.88	cps
Gadolinium	160-1	242	117	150	169	38.20	cps
Gadolinium	160-2	100	80	90	90	11.11	cps
Holmium	165-1	5967412	5969871	5991989	5976424	0.23	cps
Holmium	165-2	2634761	2620349	2514168	2589759	2.54	cps
Indium	115-1	3852113	3853801	3889544	3865153	0.55	cps
Indium	115-2	636971	635665	605909	626182	2.81	cps
Iron	56-2	169629	168539	161117	166428	2.78	cps
Iron	57-2	9303	9014	8992	9103	1.91	cps
Lead	206-1	13980	13635	13741	13785	1.28	cps
Lead	207-1	12011	11850	11300	11720	3.18	cps
Lead	208-1	54650	54228	53560	54146	1.01	cps
Lithium	6-1	4917453	4939897	4995114	4950821	0.81	cps
Magnesium	24-2	106373313	106038625	102130577	104847505	2.25	cps
Manganese	55-2	95451	94468	92253	94057	1.74	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-19	Instrumnet Name :	P7
Client Sample ID :	MA4YY0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:39:11	DataFile Name :	033SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4943	4701	5009	4884	3.32	cps
Molybdenum	95-1	8461	8853	8461	8592	2.63	cps
Molybdenum	96-1	8194	8870	8611	8559	3.98	cps
Molybdenum	97-1	7386	8036	8620	8014	7.70	cps
Molybdenum	98-1	12873	12448	13173	12831	2.84	cps
Neodymium	150-1	193	133	193	173	19.98	cps
Neodymium	150-2	70	77	47	64	24.44	cps
Nickel	60-2	1060	1003	1033	1032	2.75	cps
Phosphorus	31-2	825	767	758	783	4.64	cps
Potassium	39-2	20866660	20870731	19993284	20576891	2.46	cps
Rhodium	103-1	3129458	3130506	3181594	3147186	0.95	cps
Rhodium	103-2	1391186	1389654	1328139	1369660	2.63	cps
Scandium	45-1	3304557	3327687	3373308	3335184	1.05	cps
Scandium	45-2	136663	137498	132026	135396	2.18	cps
Selenium	77-2	10	13	10	11	17.30	cps
Selenium	78-2	19	19	22	20	10.81	cps
Selenium	82-1	-4254	-6102	-6712	-5689	-22.50	cps
Silicon	28-1	55068557	54929062	55555110	55184243	0.60	cps
Silver	109-1	1992	1692	1709	1797	9.38	cps
Silver	107-1	2117	2092	1925	2045	5.10	cps
Sodium	23-2	1735167839	1738106839	1674907437	1716060705	2.08	cps
Strontium	86-1	4303143	4327151	4347664	4325986	0.52	cps
Strontium	88-1	37694519	37949101	38137811	37927144	0.59	cps
Sulfur	34-1	9199124	9364643	9429594	9331121	1.27	cps
Terbium	159-1	5978761	5981475	6030376	5996870	0.48	cps
Terbium	159-2	2552694	2524083	2428736	2501838	2.59	cps
Thallium	203-1	117	58	117	97	34.64	cps
Thallium	205-1	208	208	267	228	14.78	cps
Tin	118-1	1684	1759	1725	1722	2.18	cps
Titanium	47-1	9253	9370	9912	9512	3.70	cps
Uranium	238-1	21243	20667	20634	20848	1.64	cps
Vanadium	51-2	3450	3460	3454	3455	0.15	cps
Yttrium	89-1	4096398	4089560	4148818	4111592	0.79	cps
Yttrium	89-2	515210	514436	491295	506980	2.68	cps
Zinc	66-2	1007	970	947	974	3.10	cps
Zirconium	90-1	1408	1433	1483	1442	2.65	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-19	Instrumnet Name :	P7
Client Sample ID :	MA4YY0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:39:11	DataFile Name :	033SMPL_P7121217 M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	342	1870	367	859	101.84	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-20	Instrumnet Name :	P7
Client Sample ID :	MA4YY1	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:42:45	DataFile Name :	034SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3534	3167	3401	3367	5.51	cps
Antimony	121-1	2384	2342	1842	2189	13.77	cps
Arsenic	75-2	107	74	91	91	18.37	cps
Barium	135-1	57344	57152	54616	56371	2.70	cps
Barium	137-1	99957	97348	95544	97616	2.27	cps
Beryllium	9-1	378	433	389	400	7.35	cps
Bismuth	209-1	4239186	4221951	3991043	4150727	3.34	cps
Bismuth	209-2	2145896	2005410	2117898	2089735	3.56	cps
Boron	10-1	276574	276633	274776	275995	0.38	cps
Boron	11-1	1284655	1295927	1282766	1287783	0.55	cps
Cadmium	111-1	1722	1842	1622	1729	6.37	cps
Cadmium	106-1	2325	2459	2134	2306	7.09	cps
Cadmium	108-1	38	29	13	26	48.24	cps
Calcium	43-1	1796962	1786736	1741128	1774942	1.67	cps
Calcium	44-1	28197499	28027656	27472716	27899290	1.36	cps
Chromium	52-2	830	810	730	790	6.70	cps
Cobalt	59-2	787	750	603	713	13.60	cps
Copper	63-2	4911	4661	4748	4773	2.66	cps
Dysprosium	156-1	117	83	108	103	16.88	cps
Dysprosium	156-2	33	73	60	56	36.67	cps
Erbium	164-1	117	142	192	150	25.46	cps
Erbium	164-2	60	67	77	68	12.38	cps
Gadolinium	160-1	133	167	158	153	11.35	cps
Gadolinium	160-2	70	97	73	80	18.17	cps
Holmium	165-1	6966814	6986761	6627634	6860403	2.94	cps
Holmium	165-2	3123755	2911152	3082906	3039271	3.71	cps
Indium	115-1	4577604	4564388	4311219	4484404	3.35	cps
Indium	115-2	750093	699096	740054	729748	3.70	cps
Iron	56-2	807533	775282	775298	786037	2.37	cps
Iron	57-2	22201	21872	22189	22087	0.84	cps
Lead	206-1	4768	4212	4345	4442	6.53	cps
Lead	207-1	3956	3823	3690	3823	3.49	cps
Lead	208-1	18956	17211	17021	17729	6.02	cps
Lithium	6-1	5521926	5538522	5273432	5444627	2.73	cps
Magnesium	24-2	52309633	50273955	50491866	51025151	2.19	cps
Manganese	55-2	256375	246166	246239	249594	2.35	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-20	Instrumnet Name :	P7
Client Sample ID :	MA4YY1	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:42:45	DataFile Name :	034SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2459	2667	2275	2467	7.95	cps
Molybdenum	95-1	4317	4443	4034	4265	4.91	cps
Molybdenum	96-1	4276	4217	4084	4192	2.34	cps
Molybdenum	97-1	3809	3909	3609	3776	4.05	cps
Molybdenum	98-1	6543	6135	5985	6221	4.65	cps
Neodymium	150-1	147	167	200	171	15.75	cps
Neodymium	150-2	67	67	53	62	12.38	cps
Nickel	60-2	1160	1170	1133	1155	1.64	cps
Phosphorus	31-2	508	517	333	453	22.87	cps
Potassium	39-2	10035226	9653214	9728746	9805729	2.06	cps
Rhodium	103-1	3760305	3763312	3544969	3689529	3.39	cps
Rhodium	103-2	1677664	1553330	1654742	1628579	4.06	cps
Scandium	45-1	3853705	3870051	3608932	3777563	3.87	cps
Scandium	45-2	160196	143402	153583	152393	5.55	cps
Selenium	77-2	3	0	20	8	137.80	cps
Selenium	78-2	22	22	11	19	34.64	cps
Selenium	82-1	-2895	-3284	-3429	-3203	-8.61	cps
Silicon	28-1	61810243	61967914	60895212	61557790	0.94	cps
Silver	109-1	2034	1750	1467	1750	16.19	cps
Silver	107-1	2209	1792	1258	1753	27.17	cps
Sodium	23-2	840999835	806010051	814293435	820434441	2.23	cps
Strontium	86-1	2182716	2167172	2128003	2159297	1.31	cps
Strontium	88-1	19351076	19187568	18904539	19147728	1.18	cps
Sulfur	34-1	4972733	4966209	4875230	4938058	1.10	cps
Terbium	159-1	6967755	6998749	6608687	6858397	3.16	cps
Terbium	159-2	3013627	2807322	2969547	2930165	3.71	cps
Thallium	203-1	150	217	117	161	31.61	cps
Thallium	205-1	283	392	333	336	16.13	cps
Tin	118-1	1400	1208	1450	1353	9.43	cps
Titanium	47-1	5026	4959	5026	5004	0.77	cps
Uranium	238-1	7436	7678	7519	7544	1.63	cps
Vanadium	51-2	1280	1197	1230	1236	3.39	cps
Yttrium	89-1	4767556	4780280	4498287	4682041	3.40	cps
Yttrium	89-2	596157	561400	590976	582845	3.22	cps
Zinc	66-2	2330	2294	2174	2266	3.62	cps
Zirconium	90-1	833	808	758	800	4.77	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-20	Instrumnet Name :	P7
Client Sample ID :	MA4YY1	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:42:45	DataFile Name :	034SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	183	233	200	14.44	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-21	Instrumnet Name :	P7
Client Sample ID :	MA4YY2	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:46:19	DataFile Name :	035SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18254	18087	18647	18329	1.57	cps
Antimony	121-1	2417	2517	2367	2434	3.14	cps
Arsenic	75-2	157	172	183	171	7.61	cps
Barium	135-1	48536	49498	50919	49651	2.42	cps
Barium	137-1	84222	86074	88900	86399	2.73	cps
Beryllium	9-1	461	600	517	526	13.29	cps
Bismuth	209-1	3832174	4105848	3964866	3967629	3.45	cps
Bismuth	209-2	1999324	2003529	2047299	2016717	1.32	cps
Boron	10-1	312127	327572	338987	326229	4.13	cps
Boron	11-1	1462774	1537330	1583039	1527714	3.97	cps
Cadmium	111-1	1619	1659	1745	1674	3.84	cps
Cadmium	106-1	2217	2225	2409	2284	4.74	cps
Cadmium	108-1	29	17	29	25	28.86	cps
Calcium	43-1	1876718	1930064	1967383	1924722	2.37	cps
Calcium	44-1	29390637	30215482	30963869	30189996	2.61	cps
Chromium	52-2	2050	1917	2050	2006	3.84	cps
Cobalt	59-2	833	807	827	822	1.69	cps
Copper	63-2	8166	8339	8009	8171	2.02	cps
Dysprosium	156-1	583	525	433	514	14.71	cps
Dysprosium	156-2	190	207	190	196	4.92	cps
Erbium	164-1	392	450	508	450	12.96	cps
Erbium	164-2	223	193	197	204	8.04	cps
Gadolinium	160-1	533	533	517	528	1.82	cps
Gadolinium	160-2	233	247	227	236	4.32	cps
Holmium	165-1	6346771	6785468	6583057	6571765	3.34	cps
Holmium	165-2	2909064	2917956	2989945	2938988	1.51	cps
Indium	115-1	4142435	4436993	4268477	4282635	3.45	cps
Indium	115-2	705162	702473	714810	707482	0.92	cps
Iron	56-2	2889500	2866134	2906338	2887324	0.70	cps
Iron	57-2	72651	71775	74182	72869	1.67	cps
Lead	206-1	23070	23944	24668	23894	3.35	cps
Lead	207-1	19420	19342	19615	19459	0.72	cps
Lead	208-1	89981	91948	93748	91892	2.05	cps
Lithium	6-1	5119926	5466457	5297066	5294483	3.27	cps
Magnesium	24-2	59474641	59238574	59898726	59537314	0.56	cps
Manganese	55-2	156306	155650	158994	156983	1.13	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-21 Instrumnet Name : P7
 Client Sample ID : MA4YY2 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 15:46:19 DataFile Name : 035SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2909	2625	3217	2917	10.15	cps
Molybdenum	95-1	4701	4626	5159	4829	5.98	cps
Molybdenum	96-1	4434	4701	4626	4587	3.00	cps
Molybdenum	97-1	3817	4084	4167	4023	4.55	cps
Molybdenum	98-1	7002	6910	7010	6974	0.80	cps
Neodymium	150-1	793	693	613	700	12.88	cps
Neodymium	150-2	263	267	273	268	1.90	cps
Nickel	60-2	1173	1210	1183	1189	1.59	cps
Phosphorus	31-2	1075	1175	1108	1120	4.55	cps
Potassium	39-2	11546841	11500378	11687054	11578091	0.84	cps
Rhodium	103-1	3401193	3630044	3480177	3503805	3.32	cps
Rhodium	103-2	1566964	1572804	1599170	1579646	1.09	cps
Scandium	45-1	3518358	3764720	3653004	3645361	3.38	cps
Scandium	45-2	148893	148877	153261	150344	1.68	cps
Selenium	77-2	3	17	10	10	66.70	cps
Selenium	78-2	26	19	11	19	40.01	cps
Selenium	82-1	-2879	-3537	-4218	-3545	-18.90	cps
Silicon	28-1	60725593	62491049	62555664	61924102	1.68	cps
Silver	109-1	1367	1483	1133	1328	13.42	cps
Silver	107-1	1308	1467	1225	1333	9.21	cps
Sodium	23-2	966718555	961303188	979286789	969102844	0.95	cps
Strontium	86-1	2455317	2527645	2552482	2511814	2.01	cps
Strontium	88-1	21730634	22417466	22832158	22326753	2.49	cps
Sulfur	34-1	5496099	5730481	5829606	5685395	3.01	cps
Terbium	159-1	6370399	6803257	6586182	6586613	3.29	cps
Terbium	159-2	2818057	2814820	2885156	2839344	1.40	cps
Thallium	203-1	192	183	183	186	2.59	cps
Thallium	205-1	583	567	567	572	1.68	cps
Tin	118-1	1383	1550	1567	1500	6.76	cps
Titanium	47-1	15926	16535	17077	16513	3.49	cps
Uranium	238-1	8645	9212	9629	9162	5.39	cps
Vanadium	51-2	2734	2680	3084	2833	7.74	cps
Yttrium	89-1	4343613	4665873	4514266	4507918	3.58	cps
Yttrium	89-2	566101	562306	577152	568519	1.36	cps
Zinc	66-2	3330	3264	3520	3372	3.95	cps
Zirconium	90-1	1033	1067	1008	1036	2.82	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-21	Instrumnet Name :	P7
Client Sample ID :	MA4YY2	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:46:19	DataFile Name :	035SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	358	300	258	306	16.44	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-22	Instrumnet Name :	P7
Client Sample ID :	MA4YY3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:49:53	DataFile Name :	036SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14191	14624	15417	14744	4.22	cps
Antimony	121-1	2434	2367	2950	2584	12.36	cps
Arsenic	75-2	250	226	272	249	9.29	cps
Barium	135-1	17370	16035	17912	17106	5.65	cps
Barium	137-1	29916	28940	30977	29944	3.40	cps
Beryllium	9-1	361	289	361	337	12.37	cps
Bismuth	209-1	3282152	3134342	3368249	3261581	3.63	cps
Bismuth	209-2	1719383	1747422	1886014	1784273	5.00	cps
Boron	10-1	571071	558558	596290	575306	3.34	cps
Boron	11-1	2711089	2650409	2841034	2734177	3.56	cps
Cadmium	111-1	1316	1126	1276	1239	8.05	cps
Cadmium	106-1	1825	1575	1759	1720	7.53	cps
Cadmium	108-1	29	38	38	35	13.85	cps
Calcium	43-1	2938299	2850412	3013354	2934022	2.78	cps
Calcium	44-1	45739154	44588806	47177674	45835211	2.83	cps
Chromium	52-2	1807	1707	1783	1766	2.96	cps
Cobalt	59-2	643	623	723	663	7.98	cps
Copper	63-2	8683	8419	8379	8494	1.94	cps
Dysprosium	156-1	542	325	392	419	26.46	cps
Dysprosium	156-2	150	147	187	161	13.78	cps
Erbium	164-1	433	317	433	394	17.08	cps
Erbium	164-2	150	150	203	168	18.35	cps
Gadolinium	160-1	417	325	408	383	13.22	cps
Gadolinium	160-2	180	213	217	203	9.97	cps
Holmium	165-1	5494355	5258266	5703361	5485327	4.06	cps
Holmium	165-2	2543914	2572108	2792225	2636082	5.16	cps
Indium	115-1	3589027	3425355	3704467	3572950	3.93	cps
Indium	115-2	612052	620141	682255	638149	6.02	cps
Iron	56-2	812658	818443	866334	832479	3.54	cps
Iron	57-2	24660	25077	26280	25339	3.32	cps
Lead	206-1	7569	7080	7497	7382	3.58	cps
Lead	207-1	6002	5796	6118	5972	2.73	cps
Lead	208-1	29225	27601	29013	28613	3.09	cps
Lithium	6-1	4709899	4542818	4901267	4717994	3.80	cps
Magnesium	24-2	106388975	106857802	114636053	109294277	4.24	cps
Manganese	55-2	73509	74186	78257	75317	3.41	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-22 Instrumnet Name : P7
 Client Sample ID : MA4YY3 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 15:49:53 DataFile Name : 036SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5084	5401	5360	5282	3.26	cps
Molybdenum	95-1	8636	8395	9253	8761	5.06	cps
Molybdenum	96-1	8803	8503	9137	8814	3.60	cps
Molybdenum	97-1	7452	7602	8436	7830	6.77	cps
Molybdenum	98-1	13098	13549	13899	13515	2.97	cps
Neodymium	150-1	593	387	427	469	23.38	cps
Neodymium	150-2	167	160	223	183	18.98	cps
Nickel	60-2	1140	1143	1273	1186	6.41	cps
Phosphorus	31-2	950	983	817	917	9.62	cps
Potassium	39-2	21390973	21564218	23115978	22023723	4.31	cps
Rhodium	103-1	2940595	2807006	3040524	2929375	4.00	cps
Rhodium	103-2	1355309	1376932	1492542	1408261	5.24	cps
Scandium	45-1	3120374	2992680	3268436	3127163	4.41	cps
Scandium	45-2	134864	138430	152406	141900	6.53	cps
Selenium	77-2	3	20	13	12	68.66	cps
Selenium	78-2	20	19	26	22	17.85	cps
Selenium	82-1	-7745	-9285	-11369	-9466	-19.21	cps
Silicon	28-1	55994358	55408455	55764887	55722567	0.53	cps
Silver	109-1	1650	1567	1333	1517	10.82	cps
Silver	107-1	1817	1525	1525	1622	10.38	cps
Sodium	23-2	1756572173	1772522706	1886634109	1805242996	3.93	cps
Strontium	86-1	4115138	3992956	4200383	4102826	2.54	cps
Strontium	88-1	36293332	35218882	37040974	36184396	2.53	cps
Sulfur	34-1	9240307	8934830	9521390	9232175	3.18	cps
Terbium	159-1	5538996	5257319	5727202	5507839	4.29	cps
Terbium	159-2	2458032	2485399	2703545	2548992	5.28	cps
Thallium	203-1	117	58	75	83	36.05	cps
Thallium	205-1	250	233	267	250	6.67	cps
Tin	118-1	1809	1575	1442	1608	11.54	cps
Titanium	47-1	14641	14466	14925	14677	1.58	cps
Uranium	238-1	21202	20475	21827	21168	3.20	cps
Vanadium	51-2	3227	3360	3547	3378	4.76	cps
Yttrium	89-1	3816454	3649327	3931760	3799180	3.74	cps
Yttrium	89-2	499769	508428	557504	521900	5.97	cps
Zinc	66-2	1480	1583	1610	1558	4.41	cps
Zirconium	90-1	1242	1125	1217	1195	5.14	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-22	Instrumnet Name :	P7
Client Sample ID :	MA4YY3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:49:53	DataFile Name :	036SMPL_P7121217 M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	275	267	308	283	7.78	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-23 Instrumnet Name : P7
 Client Sample ID : MA4YY4 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 15:53:29 DataFile Name : 037SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3359	3376	3609	3448	4.05	cps
Antimony	121-1	2209	2109	2092	2136	2.96	cps
Arsenic	75-2	202	135	169	169	19.78	cps
Barium	135-1	17845	17637	18546	18009	2.65	cps
Barium	137-1	30785	31186	31737	31236	1.53	cps
Beryllium	9-1	411	417	439	422	3.48	cps
Bismuth	209-1	3433185	3638633	3567789	3546536	2.94	cps
Bismuth	209-2	1770064	1822184	1875534	1822594	2.89	cps
Boron	10-1	518128	537941	552192	536087	3.19	cps
Boron	11-1	2457493	2537762	2617156	2537470	3.15	cps
Cadmium	111-1	1484	1573	1664	1574	5.73	cps
Cadmium	106-1	2042	2117	2234	2131	4.53	cps
Cadmium	108-1	29	25	17	24	26.95	cps
Calcium	43-1	2676205	2744565	2790469	2737080	2.10	cps
Calcium	44-1	41836892	42899562	43739544	42825333	2.23	cps
Chromium	52-2	3701	3827	4114	3881	5.46	cps
Cobalt	59-2	600	580	563	581	3.16	cps
Copper	63-2	6478	6762	6468	6569	2.54	cps
Dysprosium	156-1	75	108	100	94	18.36	cps
Dysprosium	156-2	60	37	57	51	24.69	cps
Erbium	164-1	108	75	75	86	22.35	cps
Erbium	164-2	40	40	53	44	17.32	cps
Gadolinium	160-1	133	167	100	133	25.00	cps
Gadolinium	160-2	70	73	73	72	2.67	cps
Holmium	165-1	5780504	6153803	6042856	5992388	3.20	cps
Holmium	165-2	2639259	2705868	2773862	2706330	2.49	cps
Indium	115-1	3786041	3999062	3958067	3914390	2.89	cps
Indium	115-2	643366	659445	680139	660983	2.79	cps
Iron	56-2	194228	198110	204516	198951	2.61	cps
Iron	57-2	8914	9220	9542	9225	3.41	cps
Lead	206-1	3484	3656	3728	3623	3.47	cps
Lead	207-1	2711	3100	2828	2880	6.93	cps
Lead	208-1	13242	13675	13553	13490	1.66	cps
Lithium	6-1	5001253	5273068	5216348	5163556	2.78	cps
Magnesium	24-2	92829729	94634935	97743436	95069367	2.61	cps
Manganese	55-2	171931	177849	181890	177223	2.83	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-23 Instrumnet Name : P7
 Client Sample ID : MA4YY4 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 15:53:29 DataFile Name : 037SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4543	4551	5185	4759	7.74	cps
Molybdenum	95-1	8645	9253	9137	9012	3.59	cps
Molybdenum	96-1	8319	8828	8478	8542	3.05	cps
Molybdenum	97-1	7244	7836	8128	7736	5.82	cps
Molybdenum	98-1	12756	13807	13540	13368	4.09	cps
Neodymium	150-1	113	67	147	109	36.90	cps
Neodymium	150-2	17	37	37	30	38.49	cps
Nickel	60-2	1580	1490	1637	1569	4.71	cps
Phosphorus	31-2	417	467	517	467	10.71	cps
Potassium	39-2	18139042	18541225	19303781	18661349	3.17	cps
Rhodium	103-1	3117925	3293396	3264447	3225256	2.92	cps
Rhodium	103-2	1417694	1464895	1496837	1459809	2.73	cps
Scandium	45-1	3340428	3531034	3514913	3462125	3.05	cps
Scandium	45-2	140375	147352	149081	145603	3.17	cps
Selenium	77-2	10	30	10	17	69.28	cps
Selenium	78-2	31	17	26	25	30.30	cps
Selenium	82-1	-9237	-10891	-12186	-10771	-13.72	cps
Silicon	28-1	59614660	59753951	60225103	59864571	0.53	cps
Silver	109-1	925	917	833	892	5.68	cps
Silver	107-1	1008	1100	975	1028	6.30	cps
Sodium	23-2	1505235434	1538123868	1585874769	1543078023	2.63	cps
Strontium	86-1	3718710	3789321	3864500	3790844	1.92	cps
Strontium	88-1	32709718	33646765	34006108	33454197	2.00	cps
Sulfur	34-1	8544542	8746942	8916224	8735902	2.13	cps
Terbium	159-1	5824742	6141711	6064224	6010226	2.75	cps
Terbium	159-2	2541929	2607053	2696581	2615188	2.97	cps
Thallium	203-1	25	67	117	69	66.09	cps
Thallium	205-1	167	192	258	206	23.05	cps
Tin	118-1	1300	1383	1225	1303	6.08	cps
Titanium	47-1	6085	6818	7536	6813	10.65	cps
Uranium	238-1	21803	20626	21419	21282	2.82	cps
Vanadium	51-2	2100	2170	2404	2225	7.14	cps
Yttrium	89-1	4044395	4270331	4234132	4182953	2.90	cps
Yttrium	89-2	524660	538107	555056	539275	2.82	cps
Zinc	66-2	1487	1487	1507	1493	0.77	cps
Zirconium	90-1	683	617	642	647	5.20	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-23	Instrumnet Name :	P7
Client Sample ID :	MA4YY4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:53:29	DataFile Name :	037SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	142	108	142	23.53	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-24 Instrumnet Name : P7
 Client Sample ID : MA4YY5 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 15:57:04 DataFile Name : 038SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3451	4419	3167	3679	17.84	cps
Antimony	121-1	2292	2525	2550	2456	5.80	cps
Arsenic	75-2	169	193	159	173	9.92	cps
Barium	135-1	18521	19289	20316	19375	4.65	cps
Barium	137-1	31838	32890	34335	33021	3.80	cps
Beryllium	9-1	411	406	428	415	2.79	cps
Bismuth	209-1	3710176	3735769	3865128	3770358	2.20	cps
Bismuth	209-2	2002901	2024429	1981819	2003050	1.06	cps
Boron	10-1	533410	560150	583043	558868	4.44	cps
Boron	11-1	2539476	2650088	2762644	2650736	4.21	cps
Cadmium	111-1	1504	1543	1550	1532	1.61	cps
Cadmium	106-1	2117	2142	2075	2111	1.60	cps
Cadmium	108-1	46	33	46	42	17.32	cps
Calcium	43-1	2763056	2868525	2954883	2862154	3.36	cps
Calcium	44-1	43268422	44697981	46424503	44796969	3.53	cps
Chromium	52-2	1070	1083	1033	1062	2.44	cps
Cobalt	59-2	733	593	560	629	14.63	cps
Copper	63-2	6205	6358	6191	6251	1.48	cps
Dysprosium	156-1	92	108	150	117	25.76	cps
Dysprosium	156-2	43	50	23	39	35.69	cps
Erbium	164-1	133	125	150	136	9.35	cps
Erbium	164-2	47	43	60	50	17.64	cps
Gadolinium	160-1	117	125	142	128	9.96	cps
Gadolinium	160-2	80	63	73	72	11.62	cps
Holmium	165-1	6263539	6355334	6613495	6410789	2.83	cps
Holmium	165-2	2987871	3032598	2951412	2990627	1.36	cps
Indium	115-1	4106435	4179151	4310732	4198773	2.47	cps
Indium	115-2	732202	739067	717082	729450	1.54	cps
Iron	56-2	203580	208777	200302	204220	2.09	cps
Iron	57-2	10182	10215	10215	10204	0.19	cps
Lead	206-1	3162	3439	3045	3215	6.30	cps
Lead	207-1	2617	2789	2806	2737	3.82	cps
Lead	208-1	12525	12914	12419	12619	2.06	cps
Lithium	6-1	5391145	5513029	5706377	5536850	2.87	cps
Magnesium	24-2	103102238	105360240	101811877	103424785	1.74	cps
Manganese	55-2	198438	204787	198487	200571	1.82	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-24 Instrumnet Name : P7
 Client Sample ID : MA4YY5 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 15:57:04 DataFile Name : 038SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5193	4951	5268	5137	3.22	cps
Molybdenum	95-1	8820	9587	9762	9390	5.34	cps
Molybdenum	96-1	8895	8853	9645	9131	4.88	cps
Molybdenum	97-1	7719	7761	7727	7736	0.29	cps
Molybdenum	98-1	12706	13690	14391	13596	6.22	cps
Neodymium	150-1	147	67	180	131	44.43	cps
Neodymium	150-2	20	33	43	32	36.33	cps
Nickel	60-2	1173	1157	1170	1167	0.76	cps
Phosphorus	31-2	567	533	650	583	10.30	cps
Potassium	39-2	20374171	20837256	20088429	20433285	1.85	cps
Rhodium	103-1	3385519	3432087	3555291	3457632	2.54	cps
Rhodium	103-2	1623024	1638674	1592426	1618041	1.45	cps
Scandium	45-1	3671129	3699530	3883780	3751480	3.08	cps
Scandium	45-2	163269	165045	160546	162953	1.39	cps
Selenium	77-2	13	20	33	22	45.83	cps
Selenium	78-2	22	13	43	26	58.47	cps
Selenium	82-1	-9683	-11987	-14639	-12103	-20.49	cps
Silicon	28-1	60982560	61429087	62725864	61712503	1.47	cps
Silver	109-1	817	658	675	717	12.14	cps
Silver	107-1	867	867	717	817	10.60	cps
Sodium	23-2	1677412337	1717130438	1661638004	1685393593	1.70	cps
Strontium	86-1	3811901	3920419	4071610	3934644	3.32	cps
Strontium	88-1	33718304	34831279	35969140	34839574	3.23	cps
Sulfur	34-1	8839865	9134235	9485553	9153218	3.53	cps
Terbium	159-1	6312427	6417695	6586737	6438953	2.15	cps
Terbium	159-2	2886029	2904337	2835456	2875274	1.24	cps
Thallium	203-1	67	67	58	64	7.53	cps
Thallium	205-1	125	92	242	153	51.55	cps
Tin	118-1	1242	1050	1300	1197	10.92	cps
Titanium	47-1	6794	6919	7827	7180	7.86	cps
Uranium	238-1	21010	21344	22562	21638	3.78	cps
Vanadium	51-2	2524	2527	2480	2510	1.04	cps
Yttrium	89-1	4408213	4460413	4623426	4497351	2.50	cps
Yttrium	89-2	599386	607808	585784	597659	1.86	cps
Zinc	66-2	1547	1680	1577	1601	4.37	cps
Zirconium	90-1	650	583	642	625	5.81	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-24	Instrumnet Name :	P7
Client Sample ID :	MA4YY5	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 15:57:04	DataFile Name :	038SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	200	183	172	20.15	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-25	Instrumnet Name :	P7
Client Sample ID :	MA4Z09	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:00:37	DataFile Name :	039SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3670	2767	2842	3093	16.19	cps
Antimony	121-1	1984	2100	2309	2131	7.73	cps
Arsenic	75-2	165	131	128	141	14.43	cps
Barium	135-1	34694	34001	33825	34174	1.34	cps
Barium	137-1	61010	57629	60089	59576	2.93	cps
Beryllium	9-1	417	378	344	380	9.52	cps
Bismuth	209-1	4034167	3929644	3973188	3979000	1.32	cps
Bismuth	209-2	2035123	2166334	2067140	2089532	3.27	cps
Boron	10-1	398799	387859	391138	392599	1.43	cps
Boron	11-1	1866933	1834866	1847458	1849753	0.87	cps
Cadmium	111-1	1930	1870	1672	1824	7.40	cps
Cadmium	106-1	2667	2542	2275	2495	8.02	cps
Cadmium	108-1	58	38	29	42	36.05	cps
Calcium	43-1	2197359	2150401	2150632	2166131	1.25	cps
Calcium	44-1	34689257	33862216	33925997	34159157	1.35	cps
Chromium	52-2	867	950	853	890	5.89	cps
Cobalt	59-2	1040	1080	1037	1052	2.29	cps
Copper	63-2	6515	6171	6125	6270	3.40	cps
Dysprosium	156-1	83	92	42	72	37.09	cps
Dysprosium	156-2	23	73	40	46	55.89	cps
Erbium	164-1	125	125	83	111	21.65	cps
Erbium	164-2	27	40	60	42	39.73	cps
Gadolinium	160-1	75	75	167	106	50.14	cps
Gadolinium	160-2	53	93	73	73	27.28	cps
Holmium	165-1	6763288	6624192	6738600	6708693	1.11	cps
Holmium	165-2	2985178	3206336	3057882	3083132	3.66	cps
Indium	115-1	4451863	4380137	4413956	4415319	0.81	cps
Indium	115-2	734050	785861	744000	754637	3.64	cps
Iron	56-2	331340	335931	330534	332602	0.88	cps
Iron	57-2	11688	11294	11394	11458	1.79	cps
Lead	206-1	3817	3484	3401	3567	6.18	cps
Lead	207-1	3095	3039	2834	2989	4.60	cps
Lead	208-1	14587	13992	13459	14013	4.03	cps
Lithium	6-1	5709443	5635671	5678411	5674509	0.65	cps
Magnesium	24-2	68925716	70007206	67585056	68839326	1.76	cps
Manganese	55-2	449897	452700	438620	447073	1.67	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-25	Instrumnet Name :	P7
Client Sample ID :	MA4Z09	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:00:37	DataFile Name :	039SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3909	3834	3559	3767	4.89	cps
Molybdenum	95-1	6377	6468	6360	6402	0.91	cps
Molybdenum	96-1	6427	6560	6243	6410	2.48	cps
Molybdenum	97-1	5426	4951	5760	5379	7.56	cps
Molybdenum	98-1	9996	9278	9879	9718	3.96	cps
Neodymium	150-1	87	87	140	104	29.48	cps
Neodymium	150-2	27	53	37	39	34.63	cps
Nickel	60-2	1383	1343	1213	1313	6.77	cps
Phosphorus	31-2	575	475	525	525	9.52	cps
Potassium	39-2	13633704	13806718	13361840	13600754	1.65	cps
Rhodium	103-1	3668964	3621082	3670850	3653632	0.77	cps
Rhodium	103-2	1644504	1761279	1672141	1692641	3.61	cps
Scandium	45-1	3918168	3848599	3924100	3896956	1.08	cps
Scandium	45-2	160974	176093	169634	168900	4.49	cps
Selenium	77-2	10	20	20	17	34.64	cps
Selenium	78-2	22	17	13	17	26.96	cps
Selenium	82-1	-8475	-9559	-10488	-9508	-10.60	cps
Silicon	28-1	67417110	67772531	66990302	67393314	0.58	cps
Silver	109-1	817	550	600	656	21.62	cps
Silver	107-1	850	617	567	678	22.31	cps
Sodium	23-2	1122739458	1135268625	1101858325	1119955469	1.51	cps
Strontium	86-1	2819860	2743546	2755910	2773106	1.48	cps
Strontium	88-1	25051420	24465019	24713697	24743379	1.19	cps
Sulfur	34-1	6635536	6514653	6556514	6568901	0.93	cps
Terbium	159-1	6781490	6647447	6781328	6736755	1.15	cps
Terbium	159-2	2877378	3107473	2939742	2974864	4.00	cps
Thallium	203-1	117	100	33	83	52.92	cps
Thallium	205-1	258	183	167	203	24.08	cps
Tin	118-1	917	1208	883	1003	17.83	cps
Titanium	47-1	4826	5435	4843	5034	6.89	cps
Uranium	238-1	16269	16169	16244	16228	0.32	cps
Vanadium	51-2	2037	2100	1893	2010	5.27	cps
Yttrium	89-1	4731301	4652679	4749137	4711039	1.09	cps
Yttrium	89-2	594414	637605	607493	613171	3.61	cps
Zinc	66-2	2217	2450	2290	2319	5.15	cps
Zirconium	90-1	508	425	575	503	14.95	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-25	Instrumnet Name :	P7
Client Sample ID :	MA4Z09	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:00:37	DataFile Name :	039SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	142	167	150	9.63	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-26 Instrumnet Name : P7
 Client Sample ID : MA4Z10 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 16:04:11 DataFile Name : 040SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8720	9312	9053	9028	3.29	cps
Antimony	121-1	1567	1667	1867	1700	8.99	cps
Arsenic	75-2	130	122	106	119	10.35	cps
Barium	135-1	15401	15175	15059	15212	1.14	cps
Barium	137-1	26343	27378	25733	26485	3.14	cps
Beryllium	9-1	422	394	500	439	12.47	cps
Bismuth	209-1	4474853	4162021	4339503	4325459	3.63	cps
Bismuth	209-2	2186038	2204236	2154398	2181557	1.16	cps
Boron	10-1	247232	254489	248416	250046	1.56	cps
Boron	11-1	1165746	1193755	1162932	1174144	1.45	cps
Cadmium	111-1	1749	1701	2066	1839	10.77	cps
Cadmium	106-1	2425	2392	2909	2575	11.23	cps
Cadmium	108-1	33	33	29	32	7.52	cps
Calcium	43-1	1438280	1456792	1403128	1432733	1.90	cps
Calcium	44-1	22802166	23124502	22320812	22749160	1.78	cps
Chromium	52-2	2347	2167	2334	2282	4.40	cps
Cobalt	59-2	407	390	417	404	3.33	cps
Copper	63-2	10601	10797	10427	10608	1.75	cps
Dysprosium	156-1	233	300	275	269	12.50	cps
Dysprosium	156-2	143	67	100	103	37.20	cps
Erbium	164-1	150	242	108	167	40.93	cps
Erbium	164-2	107	100	97	101	5.04	cps
Gadolinium	160-1	342	175	258	258	32.26	cps
Gadolinium	160-2	150	113	137	133	13.92	cps
Holmium	165-1	7384416	6925837	7247243	7185832	3.28	cps
Holmium	165-2	3174093	3196971	3138648	3169904	0.93	cps
Indium	115-1	4892412	4596154	4795669	4761411	3.17	cps
Indium	115-2	780201	791932	775951	782694	1.06	cps
Iron	56-2	339971	349399	346246	345205	1.39	cps
Iron	57-2	10593	10760	10799	10717	1.02	cps
Lead	206-1	4773	4751	4529	4684	2.89	cps
Lead	207-1	3934	4051	3645	3877	5.39	cps
Lead	208-1	18400	18906	17444	18250	4.07	cps
Lithium	6-1	6162177	5863823	6068975	6031658	2.53	cps
Magnesium	24-2	41946880	42548328	42478977	42324728	0.78	cps
Manganese	55-2	37431	37732	37612	37591	0.40	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-26 Instrumnet Name : P7
 Client Sample ID : MA4Z10 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 16:04:11 DataFile Name : 040SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2575	2667	2792	2678	4.06	cps
Molybdenum	95-1	4851	5101	4901	4951	2.67	cps
Molybdenum	96-1	5226	4734	4976	4979	4.94	cps
Molybdenum	97-1	3801	4076	4226	4034	5.34	cps
Molybdenum	98-1	7477	7319	6919	7238	3.98	cps
Neodymium	150-1	213	347	373	311	27.55	cps
Neodymium	150-2	77	97	73	82	15.35	cps
Nickel	60-2	1247	1377	1493	1372	8.99	cps
Phosphorus	31-2	725	683	708	706	2.97	cps
Potassium	39-2	8262310	8353553	8389729	8335197	0.79	cps
Rhodium	103-1	4069721	3804818	4012041	3962193	3.52	cps
Rhodium	103-2	1760364	1793823	1756144	1770110	1.17	cps
Scandium	45-1	4273584	3959943	4163822	4132450	3.85	cps
Scandium	45-2	171719	173169	168891	171260	1.27	cps
Selenium	77-2	27	13	7	16	65.47	cps
Selenium	78-2	19	7	22	16	48.02	cps
Selenium	82-1	-5897	-6510	-6890	-6432	-7.79	cps
Silicon	28-1	67389168	67837497	67730012	67652226	0.35	cps
Silver	109-1	792	775	658	742	9.79	cps
Silver	107-1	800	783	758	781	2.69	cps
Sodium	23-2	673540032	677641732	676125798	675769187	0.31	cps
Strontium	86-1	1719843	1734539	1692839	1715740	1.23	cps
Strontium	88-1	15420968	15614028	15183881	15406292	1.40	cps
Sulfur	34-1	4405860	4449795	4377494	4411050	0.83	cps
Terbium	159-1	7406889	6942177	7311645	7220237	3.40	cps
Terbium	159-2	3062320	3095827	3030358	3062835	1.07	cps
Thallium	203-1	100	50	83	78	32.74	cps
Thallium	205-1	125	133	175	144	18.54	cps
Tin	118-1	1300	1108	1267	1225	8.36	cps
Titanium	47-1	8002	8411	8495	8303	3.17	cps
Uranium	238-1	12173	12615	12065	12284	2.37	cps
Vanadium	51-2	2117	2110	2084	2104	0.84	cps
Yttrium	89-1	5182475	4864785	5250793	5099351	4.04	cps
Yttrium	89-2	631113	636713	627499	631775	0.73	cps
Zinc	66-2	1950	2037	2037	2008	2.49	cps
Zirconium	90-1	683	683	758	708	6.11	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-26	Instrumnet Name :	P7
Client Sample ID :	MA4Z10	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:04:11	DataFile Name :	040SMPL_P7121217 M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	150	192	169	12.38	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-27 Instrumnet Name : P7
 Client Sample ID : MA4Z11 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 16:07:44 DataFile Name : 041SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28086	27961	29305	28450	2.61	cps
Antimony	121-1	2375	2825	2525	2575	8.90	cps
Arsenic	75-2	222	193	209	208	7.14	cps
Barium	135-1	10212	10238	10271	10240	0.29	cps
Barium	137-1	18780	18605	17996	18460	2.23	cps
Beryllium	9-1	383	422	417	407	5.16	cps
Bismuth	209-1	3241437	3226209	3255632	3241093	0.45	cps
Bismuth	209-2	1676034	1758209	1797163	1743802	3.55	cps
Boron	10-1	598379	611358	609995	606577	1.18	cps
Boron	11-1	2856664	2902876	2913701	2891080	1.05	cps
Cadmium	111-1	1296	1449	1529	1425	8.31	cps
Cadmium	106-1	1809	2034	2125	1989	8.19	cps
Cadmium	108-1	46	58	42	49	17.84	cps
Calcium	43-1	3076652	3085872	3079619	3080714	0.15	cps
Calcium	44-1	47968575	48215214	48042355	48075381	0.26	cps
Chromium	52-2	4644	4848	5051	4848	4.20	cps
Cobalt	59-2	710	747	890	782	12.16	cps
Copper	63-2	15345	16009	16179	15844	2.78	cps
Dysprosium	156-1	592	517	525	544	7.55	cps
Dysprosium	156-2	223	223	227	224	0.86	cps
Erbium	164-1	550	433	492	492	11.86	cps
Erbium	164-2	227	217	237	227	4.41	cps
Gadolinium	160-1	492	475	542	503	6.90	cps
Gadolinium	160-2	307	273	283	288	5.95	cps
Holmium	165-1	5470101	5468223	5583722	5507349	1.20	cps
Holmium	165-2	2505428	2649816	2720080	2625108	4.17	cps
Indium	115-1	3632548	3623149	3653360	3636352	0.43	cps
Indium	115-2	616956	653256	672517	647576	4.36	cps
Iron	56-2	686575	697230	723057	702288	2.67	cps
Iron	57-2	22579	21895	23347	22607	3.21	cps
Lead	206-1	8058	7808	8069	7979	1.85	cps
Lead	207-1	6546	7247	6907	6900	5.08	cps
Lead	208-1	31132	31487	31688	31436	0.90	cps
Lithium	6-1	4985988	4992534	5019136	4999220	0.35	cps
Magnesium	24-2	112968453	114469507	118467186	115301715	2.47	cps
Manganese	55-2	35526	36001	36713	36080	1.65	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-27	Instrumnet Name :	P7
Client Sample ID :	MA4Z11	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:07:44	DataFile Name :	041SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5310	5568	5326	5401	2.68	cps
Molybdenum	95-1	9695	9695	9545	9645	0.90	cps
Molybdenum	96-1	9462	9946	9645	9684	2.52	cps
Molybdenum	97-1	7702	8486	8928	8372	7.42	cps
Molybdenum	98-1	14508	14283	14475	14422	0.84	cps
Neodymium	150-1	700	740	793	744	6.29	cps
Neodymium	150-2	303	280	287	290	4.14	cps
Nickel	60-2	1130	1073	1103	1102	2.57	cps
Phosphorus	31-2	725	617	592	644	11.00	cps
Potassium	39-2	22438556	22781503	23647701	22955920	2.71	cps
Rhodium	103-1	3019184	2988826	3045841	3017950	0.95	cps
Rhodium	103-2	1366848	1448378	1479634	1431620	4.07	cps
Scandium	45-1	3345511	3281872	3315315	3314233	0.96	cps
Scandium	45-2	138896	151822	153544	148087	5.41	cps
Selenium	77-2	33	23	27	28	18.33	cps
Selenium	78-2	26	26	26	26	0.00	cps
Selenium	82-1	-10174	-12772	-14234	-12394	-16.59	cps
Silicon	28-1	64107822	63503697	63359193	63656904	0.62	cps
Silver	109-1	742	567	542	617	17.67	cps
Silver	107-1	717	717	508	647	18.59	cps
Sodium	23-2	1846664241	1876944375	1949244777	1890951131	2.79	cps
Strontium	86-1	4248960	4313872	4272394	4278408	0.77	cps
Strontium	88-1	37458852	38020761	37615873	37698495	0.77	cps
Sulfur	34-1	9928148	10016438	10002382	9982323	0.48	cps
Terbium	159-1	5538904	5528649	5580362	5549305	0.49	cps
Terbium	159-2	2412003	2557321	2614431	2527918	4.13	cps
Thallium	203-1	42	108	117	89	46.24	cps
Thallium	205-1	167	167	192	175	8.25	cps
Tin	118-1	1750	1675	1734	1720	2.29	cps
Titanium	47-1	20849	20665	24335	21950	9.42	cps
Uranium	238-1	22496	22821	23138	22818	1.41	cps
Vanadium	51-2	4601	4414	4834	4616	4.56	cps
Yttrium	89-1	3929109	3952417	3979639	3953721	0.64	cps
Yttrium	89-2	511815	544417	558041	538091	4.41	cps
Zinc	66-2	1557	1677	1807	1680	7.44	cps
Zirconium	90-1	733	667	750	717	6.15	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-27	Instrumnet Name :	P7
Client Sample ID :	MA4Z11	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:07:44	DataFile Name :	041SMPL_P7121217 M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	208	233	200	214	8.11	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-28 Instrumnet Name : P7
 Client Sample ID : MA4Z12 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 16:11:19 DataFile Name : 042SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19388	20047	18320	19252	4.53	cps
Antimony	121-1	2325	2184	2175	2228	3.78	cps
Arsenic	75-2	159	187	170	172	8.12	cps
Barium	135-1	11172	10871	10871	10971	1.58	cps
Barium	137-1	20024	19840	19756	19873	0.69	cps
Beryllium	9-1	389	461	322	391	17.78	cps
Bismuth	209-1	3649234	3690953	3734802	3691663	1.16	cps
Bismuth	209-2	1954090	1962666	1940341	1952366	0.58	cps
Boron	10-1	479384	489444	488270	485699	1.13	cps
Boron	11-1	2284472	2329427	2312170	2308690	0.98	cps
Cadmium	111-1	1731	1607	1629	1655	4.01	cps
Cadmium	106-1	2392	2292	2317	2334	2.23	cps
Cadmium	108-1	50	50	50	50	0.00	cps
Calcium	43-1	2467921	2514443	2476467	2486277	1.00	cps
Calcium	44-1	38931632	39379654	38794208	39035165	0.78	cps
Chromium	52-2	6508	6051	6378	6313	3.73	cps
Cobalt	59-2	607	667	583	619	6.95	cps
Copper	63-2	19326	19360	19250	19312	0.29	cps
Dysprosium	156-1	458	417	383	419	8.96	cps
Dysprosium	156-2	177	180	163	173	5.09	cps
Erbium	164-1	383	300	433	372	18.10	cps
Erbium	164-2	207	160	160	176	15.35	cps
Gadolinium	160-1	508	508	400	472	13.25	cps
Gadolinium	160-2	280	233	160	224	26.95	cps
Holmium	165-1	6209354	6271809	6414317	6298493	1.67	cps
Holmium	165-2	2935889	2942689	2904689	2927756	0.69	cps
Indium	115-1	4091290	4147363	4248083	4162245	1.91	cps
Indium	115-2	726494	725722	712141	721452	1.12	cps
Iron	56-2	541929	544135	528437	538167	1.58	cps
Iron	57-2	16899	17311	17016	17075	1.24	cps
Lead	206-1	8336	7897	8364	8199	3.19	cps
Lead	207-1	6846	6908	6480	6745	3.43	cps
Lead	208-1	31866	31983	31688	31845	0.47	cps
Lithium	6-1	5444268	5466878	5533867	5481671	0.85	cps
Magnesium	24-2	90412362	89550623	87920112	89294366	1.42	cps
Manganese	55-2	27686	27853	26651	27397	2.38	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-28 Instrumnet Name : P7
 Client Sample ID : MA4Z12 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 16:11:19 DataFile Name : 042SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4534	4843	4693	4690	3.29	cps
Molybdenum	95-1	8186	8270	8294	8250	0.69	cps
Molybdenum	96-1	8645	8520	7886	8350	4.87	cps
Molybdenum	97-1	7027	7060	7394	7160	2.83	cps
Molybdenum	98-1	12498	12081	11889	12156	2.56	cps
Neodymium	150-1	547	727	653	642	14.09	cps
Neodymium	150-2	173	153	207	178	15.15	cps
Nickel	60-2	1303	1273	1307	1295	1.42	cps
Phosphorus	31-2	625	500	533	553	11.71	cps
Potassium	39-2	17865476	17792116	17434900	17697498	1.30	cps
Rhodium	103-1	3397066	3464052	3505836	3455651	1.59	cps
Rhodium	103-2	1607192	1622230	1596251	1608558	0.81	cps
Scandium	45-1	3667291	3747635	3856154	3757027	2.52	cps
Scandium	45-2	163400	163686	163663	163583	0.10	cps
Selenium	77-2	17	20	10	16	32.73	cps
Selenium	78-2	15	20	24	20	23.60	cps
Selenium	82-1	-10904	-12542	-13656	-12367	-11.19	cps
Silicon	28-1	65284822	66070510	66230883	65862072	0.77	cps
Silver	109-1	592	583	617	597	2.91	cps
Silver	107-1	550	575	633	586	7.30	cps
Sodium	23-2	1463569299	1461201599	1437049132	1453940010	1.01	cps
Strontium	86-1	3384781	3416934	3351610	3384442	0.97	cps
Strontium	88-1	30073454	30306686	29788490	30056210	0.86	cps
Sulfur	34-1	8061473	8144043	8064263	8089927	0.58	cps
Terbium	159-1	6187734	6307546	6433308	6309530	1.95	cps
Terbium	159-2	2832655	2839116	2787927	2819899	0.99	cps
Thallium	203-1	83	117	75	92	24.05	cps
Thallium	205-1	167	225	208	200	15.02	cps
Tin	118-1	1617	1592	1575	1595	1.32	cps
Titanium	47-1	16276	16143	16410	16276	0.82	cps
Uranium	238-1	19691	19841	19440	19657	1.03	cps
Vanadium	51-2	3230	3394	3217	3280	3.00	cps
Yttrium	89-1	4424573	4473652	4579671	4492632	1.76	cps
Yttrium	89-2	595050	600606	589013	594889	0.97	cps
Zinc	66-2	2010	2014	1997	2007	0.44	cps
Zirconium	90-1	958	1000	1008	989	2.71	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-28	Instrumnet Name :	P7
Client Sample ID :	MA4Z12	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:11:19	DataFile Name :	042SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	225	175	217	206	13.03	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-29	Instrumnet Name :	P7
Client Sample ID :	MA4Z12D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:14:53	DataFile Name :	043SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19547	19839	19221	19536	1.58	cps
Antimony	121-1	2300	2459	2475	2411	4.01	cps
Arsenic	75-2	170	220	176	189	14.51	cps
Barium	135-1	11530	11664	11238	11477	1.90	cps
Barium	137-1	20516	19615	19097	19742	3.64	cps
Beryllium	9-1	461	444	311	406	20.27	cps
Bismuth	209-1	3722394	3723925	3555996	3667438	2.63	cps
Bismuth	209-2	1603653	1848822	1814202	1755559	7.56	cps
Boron	10-1	502212	508260	493545	501339	1.48	cps
Boron	11-1	2379302	2417272	2316993	2371189	2.14	cps
Cadmium	111-1	1589	1547	1581	1572	1.41	cps
Cadmium	106-1	2275	2150	2234	2220	2.87	cps
Cadmium	108-1	83	42	58	61	34.32	cps
Calcium	43-1	2600016	2584008	2498519	2560848	2.13	cps
Calcium	44-1	40832897	40669511	39242613	40248340	2.17	cps
Chromium	52-2	6468	6548	6768	6595	2.36	cps
Cobalt	59-2	683	593	603	627	7.87	cps
Copper	63-2	19233	19143	18989	19122	0.64	cps
Dysprosium	156-1	400	542	408	450	17.67	cps
Dysprosium	156-2	190	207	180	192	7.01	cps
Erbium	164-1	442	275	400	372	23.30	cps
Erbium	164-2	190	207	137	178	20.57	cps
Gadolinium	160-1	417	425	533	458	14.20	cps
Gadolinium	160-2	197	210	203	203	3.28	cps
Holmium	165-1	6347942	6351388	6069303	6256211	2.59	cps
Holmium	165-2	2409682	2767204	2698448	2625111	7.23	cps
Indium	115-1	4214349	4192247	4018758	4141785	2.59	cps
Indium	115-2	597817	690125	674190	654044	7.54	cps
Iron	56-2	542008	537056	526475	535180	1.48	cps
Iron	57-2	17255	17661	16938	17285	2.10	cps
Lead	206-1	8431	8397	7997	8275	2.92	cps
Lead	207-1	6769	6985	6896	6883	1.58	cps
Lead	208-1	33028	33073	31343	32481	3.04	cps
Lithium	6-1	5591124	5591435	5332136	5504898	2.72	cps
Magnesium	24-2	89519210	89021069	87430085	88656788	1.23	cps
Manganese	55-2	28181	27837	27192	27736	1.81	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-29 Instrumnet Name : P7
 Client Sample ID : MA4Z12D Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 16:14:53 DataFile Name : 043SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4768	5043	4884	4898	2.82	cps
Molybdenum	95-1	8553	9095	8278	8642	4.81	cps
Molybdenum	96-1	8586	8636	8345	8522	1.83	cps
Molybdenum	97-1	6710	7711	6952	7124	7.33	cps
Molybdenum	98-1	13198	12673	12664	12845	2.38	cps
Neodymium	150-1	627	560	487	558	12.55	cps
Neodymium	150-2	190	173	220	194	12.16	cps
Nickel	60-2	1377	1420	1387	1395	1.63	cps
Phosphorus	31-2	592	650	558	600	7.73	cps
Potassium	39-2	17705648	17655695	17443549	17601631	0.79	cps
Rhodium	103-1	3488656	3498344	3341937	3442979	2.55	cps
Rhodium	103-2	1330866	1531126	1504466	1455486	7.47	cps
Scandium	45-1	3827163	3836533	3587612	3750436	3.76	cps
Scandium	45-2	134995	154884	151644	147174	7.25	cps
Selenium	77-2	13	20	20	18	21.66	cps
Selenium	78-2	15	13	28	19	43.61	cps
Selenium	82-1	-11403	-13273	-14470	-13049	-11.85	cps
Silicon	28-1	66122839	66573466	66880506	66525604	0.57	cps
Silver	109-1	475	458	367	433	13.46	cps
Silver	107-1	567	542	433	514	13.79	cps
Sodium	23-2	1460507599	1452170666	1422602798	1445093688	1.38	cps
Strontium	86-1	3533235	3509978	3377459	3473557	2.42	cps
Strontium	88-1	31263231	31333745	30097849	30898275	2.25	cps
Sulfur	34-1	8466012	8408804	8165431	8346749	1.91	cps
Terbium	159-1	6374084	6372553	6060191	6268943	2.88	cps
Terbium	159-2	2333768	2673139	2612890	2539932	7.13	cps
Thallium	203-1	117	117	100	111	8.66	cps
Thallium	205-1	175	150	225	183	20.83	cps
Tin	118-1	1775	1508	1725	1670	8.49	cps
Titanium	47-1	17027	17353	16927	17102	1.30	cps
Uranium	238-1	20075	19691	18981	19582	2.83	cps
Vanadium	51-2	3307	3414	3180	3300	3.54	cps
Yttrium	89-1	4527728	4547194	4332480	4469134	2.66	cps
Yttrium	89-2	492753	563869	554284	536969	7.19	cps
Zinc	66-2	2024	2160	1980	2055	4.57	cps
Zirconium	90-1	800	984	833	872	11.21	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-29	Instrumnet Name :	P7
Client Sample ID :	MA4Z12D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:14:53	DataFile Name :	043SMPL_P7121217 M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	200	175	183	7.87	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-28LX5 Instrumnet Name : P7
 Client Sample ID : MA4Z12L Dilution Factor : 5
 Date & Time Acquired :: 2017-12-12 16:18:27 DataFile Name : 044SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4276	4109	3851	4079	5.25	cps
Antimony	121-1	942	1033	858	945	9.27	cps
Arsenic	75-2	52	65	48	55	15.93	cps
Barium	135-1	2834	2859	2450	2714	8.43	cps
Barium	137-1	4643	4509	4217	4456	4.88	cps
Beryllium	9-1	311	400	378	363	12.74	cps
Bismuth	209-1	4630696	4627608	4204913	4487739	5.46	cps
Bismuth	209-2	2322620	2291599	2280386	2298202	0.95	cps
Boron	10-1	119746	123728	113952	119142	4.13	cps
Boron	11-1	554535	578939	533332	555602	4.11	cps
Cadmium	111-1	1745	2051	1619	1805	12.31	cps
Cadmium	106-1	2509	2950	2300	2586	12.83	cps
Cadmium	108-1	46	50	29	42	26.45	cps
Calcium	43-1	542039	563819	514934	540264	4.53	cps
Calcium	44-1	8811033	9140668	8370129	8773943	4.41	cps
Chromium	52-2	1390	1400	1287	1359	4.62	cps
Cobalt	59-2	100	147	183	143	29.14	cps
Copper	63-2	6015	5838	5585	5812	3.72	cps
Dysprosium	156-1	67	58	108	78	34.44	cps
Dysprosium	156-2	43	47	63	51	20.96	cps
Erbium	164-1	108	108	75	97	19.80	cps
Erbium	164-2	43	53	43	47	12.37	cps
Gadolinium	160-1	150	125	117	131	13.29	cps
Gadolinium	160-2	103	60	63	76	31.92	cps
Holmium	165-1	7384801	7471554	6808806	7221720	4.99	cps
Holmium	165-2	3281992	3237120	3208213	3242442	1.15	cps
Indium	115-1	5061915	5115780	4639036	4938910	5.29	cps
Indium	115-2	829203	815493	814562	819753	1.00	cps
Iron	56-2	122193	125046	119466	122235	2.28	cps
Iron	57-2	3884	3906	3756	3849	2.10	cps
Lead	206-1	1917	2028	1995	1980	2.88	cps
Lead	207-1	1672	1795	1739	1735	3.53	cps
Lead	208-1	7846	8318	7873	8012	3.31	cps
Lithium	6-1	6148449	6250112	5801792	6066784	3.87	cps
Magnesium	24-2	19367491	19220880	18808135	19132168	1.52	cps
Manganese	55-2	6201	6195	5728	6041	4.49	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-28LX5	Instrumnet Name :	P7
Client Sample ID :	MA4Z12L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-12 16:18:27	DataFile Name :	044SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1225	1183	1308	1239	5.14	cps
Molybdenum	95-1	1942	1825	1700	1822	6.63	cps
Molybdenum	96-1	2092	1875	1792	1920	8.07	cps
Molybdenum	97-1	1775	2117	1567	1820	15.26	cps
Molybdenum	98-1	3025	3050	2950	3009	1.73	cps
Neodymium	150-1	180	140	187	169	14.94	cps
Neodymium	150-2	37	53	60	50	24.03	cps
Nickel	60-2	480	537	530	516	6.01	cps
Phosphorus	31-2	392	433	317	381	15.54	cps
Potassium	39-2	3790217	3790549	3698630	3759798	1.41	cps
Rhodium	103-1	4274571	4293682	3927796	4165349	4.94	cps
Rhodium	103-2	1910625	1882777	1871250	1888217	1.07	cps
Scandium	45-1	4347117	4396672	4017521	4253770	4.84	cps
Scandium	45-2	178393	176540	176802	177245	0.57	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	22	17	19	19	14.77	cps
Selenium	82-1	-6014	-6225	-5798	-6012	-3.55	cps
Silicon	28-1	64093247	64128497	66099468	64773738	1.77	cps
Silver	109-1	325	392	275	331	17.71	cps
Silver	107-1	400	358	375	378	5.55	cps
Sodium	23-2	312899157	310781174	304955473	309545268	1.33	cps
Strontium	86-1	751249	774147	708373	744590	4.48	cps
Strontium	88-1	6765497	6959041	6288713	6671084	5.17	cps
Sulfur	34-1	2944956	3023376	2788277	2918870	4.10	cps
Terbium	159-1	7472807	7547957	6855341	7292035	5.21	cps
Terbium	159-2	3182426	3147471	3099845	3143247	1.32	cps
Thallium	203-1	58	33	50	47	26.97	cps
Thallium	205-1	117	200	75	131	48.75	cps
Tin	118-1	717	525	525	589	18.79	cps
Titanium	47-1	4092	4251	4259	4201	2.24	cps
Uranium	238-1	3984	4651	4293	4309	7.75	cps
Vanadium	51-2	1027	1033	1010	1023	1.17	cps
Yttrium	89-1	5301145	5319616	4822508	5147756	5.47	cps
Yttrium	89-2	660412	654257	654034	656235	0.55	cps
Zinc	66-2	680	593	637	637	6.81	cps
Zirconium	90-1	350	450	350	383	15.06	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-28LX5	Instrumnet Name :	P7
Client Sample ID :	MA4Z12L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-12 16:18:27	DataFile Name :	044SMPL_P7121217 M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	42	117	83	45.82	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-30 Instrumnet Name : P7
 Client Sample ID : MA4Z12S Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 16:22:01 DataFile Name : 045SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	145654	142457	135678	141263	3.61	cps
Antimony	121-1	337424	327984	333823	333077	1.43	cps
Arsenic	75-2	4386	4271	4112	4256	3.23	cps
Barium	135-1	1699145	1661642	1654331	1671706	1.44	cps
Barium	137-1	2951503	2896176	2900902	2916194	1.05	cps
Beryllium	9-1	109251	106879	108233	108121	1.10	cps
Bismuth	209-1	3721641	3596436	3551338	3623138	2.44	cps
Bismuth	209-2	1946039	1892420	1813703	1884054	3.53	cps
Boron	10-1	496833	488620	496767	494073	0.96	cps
Boron	11-1	2351180	2319709	2352167	2341019	0.79	cps
Cadmium	111-1	35668	34569	35146	35128	1.56	cps
Cadmium	106-1	5260	5343	5268	5290	0.87	cps
Cadmium	108-1	2459	2334	2263	2352	4.22	cps
Calcium	43-1	2612391	2535747	2535501	2561213	1.73	cps
Calcium	44-1	40947031	39789236	40134117	40290128	1.48	cps
Chromium	52-2	244501	237831	228087	236806	3.49	cps
Cobalt	59-2	871559	853323	818017	847633	3.21	cps
Copper	63-2	309214	304578	288278	300690	3.66	cps
Dysprosium	156-1	367	417	425	403	7.83	cps
Dysprosium	156-2	203	160	243	202	20.61	cps
Erbium	164-1	342	383	333	353	7.59	cps
Erbium	164-2	150	197	190	179	14.11	cps
Gadolinium	160-1	467	408	417	431	7.33	cps
Gadolinium	160-2	213	223	200	212	5.52	cps
Holmium	165-1	6319538	6118699	6058217	6165485	2.22	cps
Holmium	165-2	2922549	2828254	2716818	2822541	3.65	cps
Indium	115-1	4210907	4075924	4012956	4099929	2.47	cps
Indium	115-2	716149	694629	671508	694095	3.22	cps
Iron	56-2	1478294	1437785	1384991	1433690	3.26	cps
Iron	57-2	39849	39849	37955	39218	2.79	cps
Lead	206-1	69408	65606	66901	67305	2.87	cps
Lead	207-1	60359	58981	60175	59838	1.25	cps
Lead	208-1	274198	267278	268807	270094	1.35	cps
Lithium	6-1	5567484	5382017	5339925	5429809	2.23	cps
Magnesium	24-2	90902183	88858896	85520925	88427335	3.07	cps
Manganese	55-2	350583	340804	326855	339414	3.51	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-30	Instrumnet Name :	P7
Client Sample ID :	MA4Z12S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:22:01	DataFile Name :	045SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5201	4618	4768	4862	6.23	cps
Molybdenum	95-1	8436	8420	8061	8306	2.55	cps
Molybdenum	96-1	8945	8286	8228	8486	4.69	cps
Molybdenum	97-1	6452	7027	7010	6830	4.79	cps
Molybdenum	98-1	12915	12489	13340	12915	3.29	cps
Neodymium	150-1	773	807	647	742	11.37	cps
Neodymium	150-2	203	237	183	208	12.97	cps
Nickel	60-2	217577	212751	203620	211316	3.35	cps
Phosphorus	31-2	733	625	392	583	29.93	cps
Potassium	39-2	18042920	17728445	17062473	17611279	2.84	cps
Rhodium	103-1	3477541	3355525	3323849	3385638	2.40	cps
Rhodium	103-2	1604935	1559547	1490663	1551715	3.71	cps
Scandium	45-1	3796415	3675609	3620278	3697434	2.44	cps
Scandium	45-2	161845	157244	152515	157201	2.97	cps
Selenium	77-2	213	247	217	226	8.14	cps
Selenium	78-2	633	678	643	651	3.60	cps
Selenium	82-1	-3372	-4991	-6239	-4867	-29.54	cps
Silicon	28-1	67361783	66907679	66936756	67068739	0.38	cps
Silver	109-1	157181	150534	156236	154650	2.33	cps
Silver	107-1	162512	160222	162894	161876	0.89	cps
Sodium	23-2	1485853467	1451582466	1397816831	1445084255	3.07	cps
Strontium	86-1	3552766	3439920	3486667	3493118	1.62	cps
Strontium	88-1	31334991	30676437	31032833	31014754	1.06	cps
Sulfur	34-1	8359748	8144677	8246497	8250307	1.30	cps
Terbium	159-1	6395873	6130537	6081696	6202702	2.73	cps
Terbium	159-2	2802269	2715518	2629964	2715917	3.17	cps
Thallium	203-1	186414	181638	183994	184015	1.30	cps
Thallium	205-1	444283	437784	440545	440870	0.74	cps
Tin	118-1	1792	1500	1717	1670	9.07	cps
Titanium	47-1	16610	16476	17503	16863	3.31	cps
Uranium	238-1	21152	19933	20075	20386	3.27	cps
Vanadium	51-2	521080	511228	490311	507540	3.10	cps
Yttrium	89-1	4531899	4378297	4353568	4421254	2.19	cps
Yttrium	89-2	594816	576674	555007	575499	3.46	cps
Zinc	66-2	73695	71725	68674	71365	3.54	cps
Zirconium	90-1	858	700	783	781	10.15	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-30	Instrumnet Name :	P7
Client Sample ID :	MA4Z12S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:22:01	DataFile Name :	045SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	208	283	175	222	24.97	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-31 Instrumnet Name : P7
 Client Sample ID : MA4Z13 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 16:25:35 DataFile Name : 046SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4184	3817	3959	3987	4.64	cps
Antimony	121-1	2250	2434	2709	2464	9.36	cps
Arsenic	75-2	231	276	230	246	10.67	cps
Barium	135-1	8803	9187	9695	9228	4.85	cps
Barium	137-1	15534	17153	16344	16344	4.95	cps
Beryllium	9-1	556	533	550	546	2.12	cps
Bismuth	209-1	3228272	3299063	3429829	3319054	3.08	cps
Bismuth	209-2	1913485	1905421	1877659	1898855	0.99	cps
Boron	10-1	642641	671273	704888	672934	4.63	cps
Boron	11-1	3087253	3212878	3423622	3241251	5.24	cps
Cadmium	111-1	1454	1544	1458	1485	3.44	cps
Cadmium	106-1	2050	2217	2092	2120	4.09	cps
Cadmium	108-1	63	58	104	75	33.80	cps
Calcium	43-1	3277476	3386030	3551909	3405138	4.06	cps
Calcium	44-1	51316505	53127314	55711201	53385007	4.14	cps
Chromium	52-2	1830	1690	1880	1800	5.47	cps
Cobalt	59-2	397	363	280	347	17.33	cps
Copper	63-2	5501	5825	5818	5715	3.23	cps
Dysprosium	156-1	117	33	92	81	53.09	cps
Dysprosium	156-2	43	37	33	38	13.48	cps
Erbium	164-1	100	100	92	97	4.95	cps
Erbium	164-2	40	53	70	54	27.61	cps
Gadolinium	160-1	92	108	92	97	9.90	cps
Gadolinium	160-2	57	57	87	67	25.98	cps
Holmium	165-1	5559024	5675200	5883563	5705929	2.88	cps
Holmium	165-2	2907107	2897787	2859704	2888199	0.87	cps
Indium	115-1	3702669	3770202	3925189	3799354	3.00	cps
Indium	115-2	725643	720814	709266	718574	1.17	cps
Iron	56-2	126228	125874	126250	126117	0.17	cps
Iron	57-2	9715	9275	10070	9687	4.11	cps
Lead	206-1	1845	1672	1784	1767	4.94	cps
Lead	207-1	1445	1517	1489	1483	2.46	cps
Lead	208-1	6845	6845	6834	6842	0.09	cps
Lithium	6-1	4982305	5084512	5292503	5119773	3.09	cps
Magnesium	24-2	138669741	137920357	138566016	138385371	0.29	cps
Manganese	55-2	16456	16733	16700	16630	0.91	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-31 Instrumnet Name : P7
 Client Sample ID : MA4Z13 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 16:25:35 DataFile Name : 046SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6210	5776	6910	6299	9.08	cps
Molybdenum	95-1	10563	11822	12306	11563	7.78	cps
Molybdenum	96-1	10813	11047	11305	11055	2.23	cps
Molybdenum	97-1	8920	8961	10413	9431	9.01	cps
Molybdenum	98-1	15459	15934	17094	16163	5.20	cps
Neodymium	150-1	100	120	100	107	10.83	cps
Neodymium	150-2	67	30	33	43	46.80	cps
Nickel	60-2	910	890	817	872	5.63	cps
Phosphorus	31-2	550	517	592	553	6.80	cps
Potassium	39-2	27686021	27712964	27738054	27712346	0.09	cps
Rhodium	103-1	3052595	3116125	3245955	3138225	3.14	cps
Rhodium	103-2	1594816	1580509	1559801	1578375	1.12	cps
Scandium	45-1	3387577	3484749	3621127	3497818	3.35	cps
Scandium	45-2	166398	166145	164530	165691	0.61	cps
Selenium	77-2	33	20	13	22	45.83	cps
Selenium	78-2	31	13	26	23	40.52	cps
Selenium	82-1	-13891	-16918	-19622	-16810	-17.06	cps
Silicon	28-1	63946051	64118858	63741881	63935597	0.30	cps
Silver	109-1	375	275	317	322	15.59	cps
Silver	107-1	475	350	383	403	16.07	cps
Sodium	23-2	2272060584	2268351651	2276178784	2272197006	0.17	cps
Strontium	86-1	4613934	4758678	4982672	4785095	3.88	cps
Strontium	88-1	40661987	41793954	44011365	42155769	4.04	cps
Sulfur	34-1	10719265	11055088	11645638	11139997	4.21	cps
Terbium	159-1	5576317	5708849	5950388	5745184	3.30	cps
Terbium	159-2	2828940	2796958	2756386	2794095	1.30	cps
Thallium	203-1	100	50	33	61	56.78	cps
Thallium	205-1	233	242	167	214	19.22	cps
Tin	118-1	1183	1358	1150	1231	9.09	cps
Titanium	47-1	7110	7544	8536	7730	9.46	cps
Uranium	238-1	24483	24666	26470	25206	4.36	cps
Vanadium	51-2	3354	3477	3500	3444	2.29	cps
Yttrium	89-1	4021934	4096992	4284185	4134370	3.27	cps
Yttrium	89-2	604768	597035	593313	598372	0.98	cps
Zinc	66-2	1053	990	973	1006	4.20	cps
Zirconium	90-1	675	650	567	631	9.00	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-31	Instrumnet Name :	P7
Client Sample ID :	MA4Z13	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:25:35	DataFile Name :	046SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	183	167	156	22.30	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-35 Instrumnet Name : P7
 Client Sample ID : MA4Z37 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 16:29:11 DataFile Name : 047SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5076	4618	4959	4884	4.88	cps
Antimony	121-1	2842	2992	2917	2917	2.57	cps
Arsenic	75-2	256	219	233	236	7.91	cps
Barium	135-1	8761	8761	8403	8642	2.40	cps
Barium	137-1	15092	15551	15609	15417	1.84	cps
Beryllium	9-1	322	339	306	322	5.17	cps
Bismuth	209-1	3312209	3348422	3308998	3323210	0.66	cps
Bismuth	209-2	1767094	1751345	1786736	1768392	1.00	cps
Boron	10-1	724808	735870	737860	732846	0.96	cps
Boron	11-1	3487630	3527955	3540638	3518741	0.79	cps
Cadmium	111-1	1343	1571	1411	1442	8.13	cps
Cadmium	106-1	1934	2234	2050	2072	7.30	cps
Cadmium	108-1	75	67	88	76	13.72	cps
Calcium	43-1	3680855	3681953	3660828	3674546	0.32	cps
Calcium	44-1	57321476	57737426	57159810	57406237	0.52	cps
Chromium	52-2	1627	1673	1597	1632	2.37	cps
Cobalt	59-2	300	310	357	322	9.39	cps
Copper	63-2	6908	7185	7229	7107	2.44	cps
Dysprosium	156-1	158	75	142	125	35.28	cps
Dysprosium	156-2	30	37	50	39	26.18	cps
Erbium	164-1	108	100	83	97	13.09	cps
Erbium	164-2	43	30	73	49	45.40	cps
Gadolinium	160-1	225	192	192	203	9.49	cps
Gadolinium	160-2	97	97	57	83	27.71	cps
Holmium	165-1	5729956	5829184	5774085	5777742	0.86	cps
Holmium	165-2	2716822	2685434	2710402	2704219	0.61	cps
Indium	115-1	3817837	3861019	3854320	3844392	0.60	cps
Indium	115-2	671758	664700	676057	670839	0.85	cps
Iron	56-2	133283	134196	135464	134315	0.82	cps
Iron	57-2	9503	9759	9570	9611	1.38	cps
Lead	206-1	2361	2400	2284	2348	2.53	cps
Lead	207-1	1839	1717	1767	1774	3.46	cps
Lead	208-1	8596	8357	8524	8492	1.44	cps
Lithium	6-1	5122605	5211350	5200474	5178143	0.93	cps
Magnesium	24-2	136996474	137514320	139703511	138071435	1.04	cps
Manganese	55-2	12986	13183	13116	13095	0.76	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-35	Instrumnet Name :	P7
Client Sample ID :	MA4Z37	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:29:11	DataFile Name :	047SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6293	6502	6135	6310	2.92	cps
Molybdenum	95-1	11380	11555	11897	11611	2.27	cps
Molybdenum	96-1	11764	11705	11989	11819	1.27	cps
Molybdenum	97-1	10354	11555	11472	11127	6.03	cps
Molybdenum	98-1	17169	17528	17378	17358	1.04	cps
Neodymium	150-1	147	133	153	144	7.05	cps
Neodymium	150-2	40	67	80	62	32.73	cps
Nickel	60-2	753	717	680	717	5.12	cps
Phosphorus	31-2	517	692	567	592	15.24	cps
Potassium	39-2	27411537	27529742	27975559	27638946	1.08	cps
Rhodium	103-1	3150028	3195278	3175287	3173531	0.71	cps
Rhodium	103-2	1474770	1466925	1475530	1472408	0.32	cps
Scandium	45-1	3486554	3540487	3585084	3537375	1.39	cps
Scandium	45-2	154381	151950	151264	152532	1.07	cps
Selenium	77-2	20	47	23	30	48.44	cps
Selenium	78-2	19	33	26	26	28.56	cps
Selenium	82-1	-20272	-23346	-25538	-23052	-11.48	cps
Silicon	28-1	63843610	64257639	64563593	64221614	0.56	cps
Silver	109-1	392	292	267	317	20.89	cps
Silver	107-1	308	350	367	342	8.79	cps
Sodium	23-2	2249522317	2272292584	2309830785	2277215229	1.34	cps
Strontium	86-1	5188691	5176803	5173328	5179607	0.16	cps
Strontium	88-1	45720582	45684335	45508711	45637876	0.25	cps
Sulfur	34-1	12006803	12076404	11942215	12008474	0.56	cps
Terbium	159-1	5777399	5848398	5859971	5828589	0.77	cps
Terbium	159-2	2619130	2582524	2618414	2606689	0.80	cps
Thallium	203-1	75	75	100	83	17.32	cps
Thallium	205-1	142	175	100	139	27.06	cps
Tin	118-1	1350	1583	1433	1456	8.12	cps
Titanium	47-1	8403	8569	9136	8703	4.42	cps
Uranium	238-1	27538	26420	26219	26726	2.66	cps
Vanadium	51-2	3354	3654	3574	3527	4.41	cps
Yttrium	89-1	4187249	4212821	4209281	4203117	0.33	cps
Yttrium	89-2	557352	552831	557231	555805	0.46	cps
Zinc	66-2	900	917	837	884	4.77	cps
Zirconium	90-1	525	650	525	567	12.74	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-35	Instrumnet Name :	P7
Client Sample ID :	MA4Z37	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:29:11	DataFile Name :	047SMPL_P7121217 M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	217	133	175	23.81	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-36 Instrumnet Name : P7
 Client Sample ID : MA4Z38 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 16:32:48 DataFile Name : 048SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3417	4344	3226	3662	16.34	cps
Antimony	121-1	2767	3100	2742	2870	6.97	cps
Arsenic	75-2	239	239	220	233	4.59	cps
Barium	135-1	9012	8878	8461	8784	3.27	cps
Barium	137-1	15025	15593	14733	15117	2.89	cps
Beryllium	9-1	306	356	367	343	9.50	cps
Bismuth	209-1	3462510	3453510	3490727	3468915	0.56	cps
Bismuth	209-2	1828129	1874887	1871526	1858181	1.40	cps
Boron	10-1	722789	713389	724733	720304	0.84	cps
Boron	11-1	3462306	3441959	3477074	3460446	0.51	cps
Cadmium	111-1	1520	1689	1518	1576	6.21	cps
Cadmium	106-1	2159	2392	2242	2264	5.22	cps
Cadmium	108-1	100	75	163	113	40.07	cps
Calcium	43-1	3636066	3562688	3591228	3596661	1.03	cps
Calcium	44-1	56873624	56279058	56419428	56524037	0.55	cps
Chromium	52-2	1517	1640	1450	1536	6.28	cps
Cobalt	59-2	273	237	280	263	8.86	cps
Copper	63-2	6218	6138	6251	6203	0.94	cps
Dysprosium	156-1	83	67	92	81	15.80	cps
Dysprosium	156-2	23	23	40	29	33.32	cps
Erbium	164-1	108	67	100	92	24.05	cps
Erbium	164-2	37	67	30	44	43.95	cps
Gadolinium	160-1	117	217	175	169	29.65	cps
Gadolinium	160-2	47	53	57	52	9.75	cps
Holmium	165-1	5999924	6082417	6099397	6060579	0.88	cps
Holmium	165-2	2779049	2872785	2849222	2833686	1.72	cps
Indium	115-1	3982757	4006830	4040312	4009966	0.72	cps
Indium	115-2	690410	713809	706793	703671	1.71	cps
Iron	56-2	106768	106332	104191	105764	1.30	cps
Iron	57-2	9086	9003	8859	8983	1.28	cps
Lead	206-1	1656	1683	1650	1663	1.07	cps
Lead	207-1	1411	1267	1278	1319	6.10	cps
Lead	208-1	6401	6390	6123	6304	2.49	cps
Lithium	6-1	5272356	5303412	5337912	5304560	0.62	cps
Magnesium	24-2	136469861	137277945	135642357	136463388	0.60	cps
Manganese	55-2	12919	13183	13066	13056	1.01	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-36 Instrumnet Name : P7
 Client Sample ID : MA4Z38 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 16:32:48 DataFile Name : 048SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6685	6560	6752	6666	1.46	cps
Molybdenum	95-1	12089	11814	11739	11880	1.55	cps
Molybdenum	96-1	12072	11730	11288	11697	3.36	cps
Molybdenum	97-1	10571	11121	11880	11191	5.87	cps
Molybdenum	98-1	17445	17420	17904	17589	1.55	cps
Neodymium	150-1	140	80	87	102	32.17	cps
Neodymium	150-2	33	33	20	29	26.64	cps
Nickel	60-2	747	713	787	749	4.90	cps
Phosphorus	31-2	650	617	425	564	21.54	cps
Potassium	39-2	27305113	27564169	27314680	27394654	0.54	cps
Rhodium	103-1	3281326	3314226	3321030	3305527	0.64	cps
Rhodium	103-2	1527504	1567362	1557784	1550883	1.34	cps
Scandium	45-1	3586191	3702139	3702654	3663661	1.83	cps
Scandium	45-2	156521	163133	161273	160309	2.13	cps
Selenium	77-2	30	17	40	29	40.51	cps
Selenium	78-2	26	15	30	23	32.88	cps
Selenium	82-1	-22064	-24614	-26193	-24290	-8.58	cps
Silicon	28-1	64591918	64323864	63934135	64283306	0.51	cps
Silver	109-1	317	292	258	289	10.13	cps
Silver	107-1	250	375	292	306	20.83	cps
Sodium	23-2	2245388050	2252978384	2244975584	2247780672	0.20	cps
Strontium	86-1	5136372	5040632	5072427	5083143	0.96	cps
Strontium	88-1	45344089	44790956	44758805	44964617	0.73	cps
Sulfur	34-1	11859288	11813520	11929072	11867293	0.49	cps
Terbium	159-1	6037252	6092046	6124421	6084573	0.72	cps
Terbium	159-2	2685801	2783276	2759171	2742749	1.85	cps
Thallium	203-1	67	42	58	56	22.91	cps
Thallium	205-1	133	125	75	111	28.40	cps
Tin	118-1	1317	1383	1192	1297	7.50	cps
Titanium	47-1	7152	7769	7602	7508	4.25	cps
Uranium	238-1	26536	25342	25901	25927	2.30	cps
Vanadium	51-2	3410	3480	3390	3427	1.38	cps
Yttrium	89-1	4347148	4363443	4386000	4365530	0.45	cps
Yttrium	89-2	576675	592831	588296	585934	1.42	cps
Zinc	66-2	703	793	833	777	8.57	cps
Zirconium	90-1	542	625	442	536	17.12	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-36	Instrumnet Name :	P7
Client Sample ID :	MA4Z38	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:32:48	DataFile Name :	048SMPL_P7121217 M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	150	133	150	11.11	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-37 Instrumnet Name : P7
 Client Sample ID : MA4Z57 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 16:36:25 DataFile Name : 049SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4376	4868	4819	4687	5.78	cps
Antimony	121-1	2659	2509	2900	2689	7.35	cps
Arsenic	75-2	224	243	280	249	11.37	cps
Barium	135-1	9754	9779	10221	9918	2.65	cps
Barium	137-1	17729	16561	17654	17314	3.78	cps
Beryllium	9-1	356	367	378	367	3.03	cps
Bismuth	209-1	3625363	3569388	3501513	3565421	1.74	cps
Bismuth	209-2	1825008	1845919	1785566	1818831	1.69	cps
Boron	10-1	657743	662465	650431	656880	0.92	cps
Boron	11-1	3159536	3148081	3096644	3134754	1.07	cps
Cadmium	111-1	1621	1685	1540	1615	4.50	cps
Cadmium	106-1	2325	2400	2234	2320	3.60	cps
Cadmium	108-1	88	71	88	82	11.75	cps
Calcium	43-1	3358781	3308201	3255286	3307422	1.56	cps
Calcium	44-1	52325582	51877567	51079166	51760772	1.22	cps
Chromium	52-2	1903	1770	1760	1811	4.42	cps
Cobalt	59-2	237	270	263	257	6.87	cps
Copper	63-2	6792	6972	6992	6918	1.59	cps
Dysprosium	156-1	142	108	142	131	14.74	cps
Dysprosium	156-2	57	47	57	53	10.82	cps
Erbium	164-1	158	100	133	131	22.42	cps
Erbium	164-2	50	20	53	41	44.65	cps
Gadolinium	160-1	200	217	217	211	4.56	cps
Gadolinium	160-2	73	53	63	63	15.79	cps
Holmium	165-1	6249935	6197068	6072928	6173310	1.47	cps
Holmium	165-2	2786698	2796214	2717247	2766720	1.56	cps
Indium	115-1	4147111	4072000	4018244	4079119	1.59	cps
Indium	115-2	689364	690641	670928	683644	1.61	cps
Iron	56-2	139310	140021	140173	139835	0.33	cps
Iron	57-2	8531	8831	9270	8877	4.19	cps
Lead	206-1	2523	2406	2417	2448	2.63	cps
Lead	207-1	1928	1917	2045	1963	3.61	cps
Lead	208-1	9513	9524	9424	9487	0.58	cps
Lithium	6-1	5432686	5363601	5309563	5368616	1.15	cps
Magnesium	24-2	117522032	118171015	119027844	118240297	0.64	cps
Manganese	55-2	16606	16459	16443	16503	0.55	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-37	Instrumnet Name :	P7
Client Sample ID :	MA4Z57	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:36:25	DataFile Name :	049SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6327	5826	6002	6052	4.19	cps
Molybdenum	95-1	11380	10796	10988	11055	2.69	cps
Molybdenum	96-1	11138	10296	10763	10732	3.93	cps
Molybdenum	97-1	10204	10404	10087	10232	1.57	cps
Molybdenum	98-1	16577	15626	15926	16043	3.03	cps
Neodymium	150-1	120	140	133	131	7.77	cps
Neodymium	150-2	37	40	47	41	12.39	cps
Nickel	60-2	770	750	730	750	2.67	cps
Phosphorus	31-2	592	500	583	558	9.08	cps
Potassium	39-2	23482528	23659092	23762796	23634805	0.60	cps
Rhodium	103-1	3427013	3366172	3323377	3372187	1.54	cps
Rhodium	103-2	1516258	1525061	1483333	1508217	1.46	cps
Scandium	45-1	3770239	3737126	3668274	3725213	1.40	cps
Scandium	45-2	156755	157652	150644	155017	2.46	cps
Selenium	77-2	23	10	27	20	44.10	cps
Selenium	78-2	28	20	24	24	15.39	cps
Selenium	82-1	-21780	-23631	-24914	-23442	-6.72	cps
Silicon	28-1	64779876	65071466	65431031	65094124	0.50	cps
Silver	109-1	217	250	183	217	15.38	cps
Silver	107-1	283	383	358	342	15.23	cps
Sodium	23-2	1932237043	1942019177	1958328310	1944194843	0.68	cps
Strontium	86-1	4713764	4643490	4545478	4634244	1.82	cps
Strontium	88-1	41581535	41345943	40391774	41106417	1.53	cps
Sulfur	34-1	10972531	10848363	10674047	10831647	1.38	cps
Terbium	159-1	6325490	6211317	6130865	6222557	1.57	cps
Terbium	159-2	2688134	2711322	2624719	2674725	1.68	cps
Thallium	203-1	75	25	17	39	81.12	cps
Thallium	205-1	67	125	117	103	30.70	cps
Tin	118-1	1250	1167	1258	1225	4.14	cps
Titanium	47-1	7335	7386	7469	7397	0.91	cps
Uranium	238-1	24724	24549	24741	24672	0.43	cps
Vanadium	51-2	3310	3414	3350	3358	1.55	cps
Yttrium	89-1	4509572	4443665	4355191	4436143	1.75	cps
Yttrium	89-2	571251	574768	559345	568455	1.42	cps
Zinc	66-2	917	1007	1043	989	6.59	cps
Zirconium	90-1	592	600	408	533	20.31	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-37	Instrumnet Name :	P7
Client Sample ID :	MA4Z57	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:36:25	DataFile Name :	049SMPL_P7121217 M

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

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-38 Instrumnet Name : P7
 Client Sample ID : MA4Z58 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 16:40:01 DataFile Name : 050SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9532	8761	8595	8963	5.58	cps
Antimony	121-1	2884	2892	2925	2900	0.76	cps
Arsenic	75-2	235	219	239	231	4.70	cps
Barium	135-1	9729	9720	10112	9854	2.27	cps
Barium	137-1	17270	16961	16836	17022	1.31	cps
Beryllium	9-1	311	328	367	335	8.50	cps
Bismuth	209-1	3502445	3501568	3491922	3498645	0.17	cps
Bismuth	209-2	1813375	1838418	1838413	1830069	0.79	cps
Boron	10-1	697308	697515	696413	697079	0.08	cps
Boron	11-1	3329601	3340953	3359728	3343427	0.46	cps
Cadmium	111-1	1451	1609	1414	1491	6.98	cps
Cadmium	106-1	2059	2284	2009	2117	6.92	cps
Cadmium	108-1	88	92	67	82	16.34	cps
Calcium	43-1	3527233	3520063	3479242	3508846	0.74	cps
Calcium	44-1	55316943	55293614	54653687	55088081	0.68	cps
Chromium	52-2	3260	3264	3120	3215	2.55	cps
Cobalt	59-2	400	327	327	351	12.06	cps
Copper	63-2	11154	11521	11151	11276	1.89	cps
Dysprosium	156-1	283	133	217	211	35.60	cps
Dysprosium	156-2	107	77	93	92	16.30	cps
Erbium	164-1	200	217	167	194	13.10	cps
Erbium	164-2	93	77	70	80	15.03	cps
Gadolinium	160-1	242	275	275	264	7.29	cps
Gadolinium	160-2	93	120	100	104	13.28	cps
Holmium	165-1	6090629	6102491	6091435	6094851	0.11	cps
Holmium	165-2	2776236	2805170	2823822	2801743	0.86	cps
Indium	115-1	4008180	3999334	4028335	4011950	0.37	cps
Indium	115-2	683015	689287	691280	687861	0.63	cps
Iron	56-2	245938	238686	238861	241162	1.72	cps
Iron	57-2	11738	12028	11255	11673	3.35	cps
Lead	206-1	4368	4584	4273	4408	3.62	cps
Lead	207-1	3462	3573	3495	3510	1.63	cps
Lead	208-1	16699	16799	16432	16643	1.14	cps
Lithium	6-1	5261599	5273687	5279567	5271618	0.17	cps
Magnesium	24-2	130322899	128827595	126759311	128636601	1.39	cps
Manganese	55-2	17103	16566	16810	16826	1.60	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-38	Instrumnet Name :	P7
Client Sample ID :	MA4Z58	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:40:01	DataFile Name :	050SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6368	6277	6068	6238	2.47	cps
Molybdenum	95-1	12064	11530	11905	11833	2.32	cps
Molybdenum	96-1	11305	10896	10788	10996	2.48	cps
Molybdenum	97-1	10337	11130	10988	10818	3.91	cps
Molybdenum	98-1	16894	17236	17278	17136	1.23	cps
Neodymium	150-1	260	293	320	291	10.33	cps
Neodymium	150-2	117	103	110	110	6.06	cps
Nickel	60-2	857	817	757	810	6.21	cps
Phosphorus	31-2	542	408	483	478	13.99	cps
Potassium	39-2	26069638	25753647	25406802	25743363	1.29	cps
Rhodium	103-1	3297213	3298517	3313946	3303225	0.28	cps
Rhodium	103-2	1503822	1519736	1528740	1517432	0.83	cps
Scandium	45-1	3650540	3683779	3700240	3678187	0.69	cps
Scandium	45-2	153895	155359	159993	156416	2.04	cps
Selenium	77-2	33	33	40	36	10.83	cps
Selenium	78-2	26	20	19	22	17.85	cps
Selenium	82-1	-22799	-24939	-27309	-25016	-9.02	cps
Silicon	28-1	65222831	64918647	64736974	64959484	0.38	cps
Silver	109-1	325	292	292	303	6.36	cps
Silver	107-1	292	283	250	275	8.02	cps
Sodium	23-2	2143129915	2114096781	2087514780	2114913825	1.32	cps
Strontium	86-1	4991637	4940503	4895864	4942668	0.97	cps
Strontium	88-1	43961356	43685844	43583695	43743632	0.45	cps
Sulfur	34-1	11523077	11601513	11518347	11547646	0.40	cps
Terbium	159-1	6129001	6115385	6157534	6133973	0.35	cps
Terbium	159-2	2672853	2703847	2730955	2702552	1.08	cps
Thallium	203-1	67	42	67	58	24.74	cps
Thallium	205-1	117	200	158	158	26.32	cps
Tin	118-1	1458	1400	1325	1395	4.79	cps
Titanium	47-1	10588	10679	10421	10563	1.24	cps
Uranium	238-1	26570	25952	26420	26314	1.23	cps
Vanadium	51-2	3981	3851	3607	3813	4.97	cps
Yttrium	89-1	4353779	4365872	4362390	4360680	0.14	cps
Yttrium	89-2	570692	574530	576848	574023	0.54	cps
Zinc	66-2	1100	1163	1133	1132	2.80	cps
Zirconium	90-1	517	575	558	550	5.46	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-38	Instrumnet Name :	P7
Client Sample ID :	MA4Z58	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 16:40:01	DataFile Name :	050SMPL_P7121217 M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	200	175	181	9.61	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-19DLX2 Instrumnet Name : P7
 Client Sample ID : MA4YY0 Dilution Factor : 2
 Date & Time Acquired :: 2017-12-12 16:43:37 DataFile Name : 051SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3609	3576	3284	3489	5.13	cps
Antimony	121-1	1967	2167	1934	2022	6.24	cps
Arsenic	75-2	163	180	178	173	5.26	cps
Barium	135-1	10771	10104	9971	10282	4.17	cps
Barium	137-1	17779	17328	18321	17809	2.79	cps
Beryllium	9-1	283	317	328	309	7.48	cps
Bismuth	209-1	3885700	3828297	3911277	3875091	1.10	cps
Bismuth	209-2	1985420	1970762	1972938	1976373	0.40	cps
Boron	10-1	346326	352210	353628	350721	1.10	cps
Boron	11-1	1653716	1668012	1681199	1667642	0.82	cps
Cadmium	111-1	1628	1634	1629	1630	0.18	cps
Cadmium	106-1	2359	2342	2392	2364	1.08	cps
Cadmium	108-1	63	50	71	61	17.16	cps
Calcium	43-1	1840071	1833682	1837159	1836971	0.17	cps
Calcium	44-1	29263460	29168868	29310808	29247712	0.25	cps
Chromium	52-2	1977	2137	2014	2042	4.10	cps
Cobalt	59-2	297	417	277	330	22.95	cps
Copper	63-2	6765	6258	6502	6508	3.90	cps
Dysprosium	156-1	150	83	58	97	48.74	cps
Dysprosium	156-2	40	20	13	24	56.78	cps
Erbium	164-1	100	142	150	131	20.52	cps
Erbium	164-2	37	43	37	39	9.89	cps
Gadolinium	160-1	83	125	158	122	30.74	cps
Gadolinium	160-2	73	50	50	58	23.31	cps
Holmium	165-1	6631293	6576516	6775149	6660986	1.54	cps
Holmium	165-2	2957065	2944302	2965832	2955733	0.37	cps
Indium	115-1	4391729	4334902	4449835	4392155	1.31	cps
Indium	115-2	732584	724786	734117	730496	0.68	cps
Iron	56-2	103042	104429	101550	103007	1.40	cps
Iron	57-2	5384	5457	5879	5573	4.79	cps
Lead	206-1	7324	7380	7113	7273	1.94	cps
Lead	207-1	6379	6302	6318	6333	0.65	cps
Lead	208-1	28957	28452	28763	28724	0.89	cps
Lithium	6-1	5525659	5440162	5590217	5518680	1.36	cps
Magnesium	24-2	65737295	65281099	65749997	65589464	0.41	cps
Manganese	55-2	58469	58074	58034	58193	0.41	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-19DLX2 Instrumnet Name : P7
 Client Sample ID : MA4YY0 Dilution Factor : 2
 Date & Time Acquired :: 2017-12-12 16:43:37 DataFile Name : 051SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3134	2775	3125	3012	6.79	cps
Molybdenum	95-1	5076	5301	5159	5179	2.20	cps
Molybdenum	96-1	5468	5301	5076	5282	3.72	cps
Molybdenum	97-1	5159	5343	5093	5198	2.49	cps
Molybdenum	98-1	7527	7252	7686	7488	2.93	cps
Neodymium	150-1	93	93	107	98	7.87	cps
Neodymium	150-2	63	27	33	41	47.50	cps
Nickel	60-2	533	580	543	552	4.45	cps
Phosphorus	31-2	650	558	583	597	7.93	cps
Potassium	39-2	13003937	12908656	13058452	12990348	0.58	cps
Rhodium	103-1	3620981	3588734	3662258	3623991	1.02	cps
Rhodium	103-2	1633991	1620255	1639385	1631210	0.60	cps
Scandium	45-1	3884342	3798725	3940410	3874492	1.84	cps
Scandium	45-2	161315	160003	160175	160497	0.44	cps
Selenium	77-2	13	13	20	16	24.76	cps
Selenium	78-2	20	9	26	19	45.83	cps
Selenium	82-1	-14793	-15510	-15663	-15322	-3.03	cps
Silicon	28-1	67674754	67461558	67902404	67679572	0.33	cps
Silver	109-1	100	142	150	131	20.52	cps
Silver	107-1	233	258	217	236	8.88	cps
Sodium	23-2	1081262124	1072878091	1082768324	1078969513	0.49	cps
Strontium	86-1	2569204	2539868	2574595	2561222	0.73	cps
Strontium	88-1	23010154	22917016	23038240	22988470	0.28	cps
Sulfur	34-1	6124130	6151012	6155988	6143710	0.28	cps
Terbium	159-1	6691076	6599206	6751633	6680638	1.15	cps
Terbium	159-2	2856957	2823570	2863198	2847908	0.75	cps
Thallium	203-1	33	25	58	39	44.62	cps
Thallium	205-1	183	100	217	167	36.06	cps
Tin	118-1	833	1067	867	922	13.68	cps
Titanium	47-1	4751	4618	4551	4640	2.20	cps
Uranium	238-1	11681	11697	11806	11728	0.58	cps
Vanadium	51-2	2777	2894	2870	2847	2.17	cps
Yttrium	89-1	4703057	4624726	4732685	4686823	1.19	cps
Yttrium	89-2	599081	591773	595347	595400	0.61	cps
Zinc	66-2	793	630	743	722	11.59	cps
Zirconium	90-1	725	617	717	686	8.79	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-19DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4YY0	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 16:43:37	DataFile Name :	051SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	125	200	153	26.91	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-20DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4YY1	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 16:47:10	DataFile Name :	052SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2059	2234	2025	2106	5.32	cps
Antimony	121-1	1784	1542	1617	1647	7.51	cps
Arsenic	75-2	57	63	54	58	8.03	cps
Barium	135-1	31253	31061	30292	30869	1.65	cps
Barium	137-1	55478	52793	53697	53989	2.53	cps
Beryllium	9-1	311	267	322	300	9.80	cps
Bismuth	209-1	4397701	4340885	4358043	4365543	0.67	cps
Bismuth	209-2	2264979	2260682	2240206	2255289	0.59	cps
Boron	10-1	168730	168021	169236	168662	0.36	cps
Boron	11-1	775667	779763	785760	780397	0.65	cps
Cadmium	111-1	1978	1804	1751	1845	6.42	cps
Cadmium	106-1	2784	2475	2450	2570	7.23	cps
Cadmium	108-1	42	58	38	46	24.05	cps
Calcium	43-1	1019518	1016102	1012498	1016039	0.35	cps
Calcium	44-1	16422172	16383059	16269938	16358390	0.48	cps
Chromium	52-2	570	587	587	581	1.66	cps
Cobalt	59-2	380	380	330	363	7.94	cps
Copper	63-2	2767	2714	2837	2773	2.23	cps
Dysprosium	156-1	67	58	50	58	14.29	cps
Dysprosium	156-2	33	23	10	22	52.68	cps
Erbium	164-1	83	75	92	83	10.00	cps
Erbium	164-2	33	47	27	36	28.64	cps
Gadolinium	160-1	158	125	200	161	23.32	cps
Gadolinium	160-2	53	33	57	48	26.42	cps
Holmium	165-1	7257034	7271034	7255516	7261195	0.12	cps
Holmium	165-2	3268740	3261445	3254893	3261693	0.21	cps
Indium	115-1	4856592	4855096	4839762	4850483	0.19	cps
Indium	115-2	817779	810512	799686	809326	1.12	cps
Iron	56-2	449205	453844	459854	454301	1.18	cps
Iron	57-2	12528	13095	12661	12761	2.32	cps
Lead	206-1	2034	1995	1928	1985	2.69	cps
Lead	207-1	1750	1661	1645	1685	3.37	cps
Lead	208-1	8018	7618	7757	7797	2.61	cps
Lithium	6-1	5885563	5897182	5877882	5886876	0.17	cps
Magnesium	24-2	29597990	29838484	29960360	29798945	0.62	cps
Manganese	55-2	143185	143869	144804	143952	0.56	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-20DLX2 Instrumnet Name : P7
 Client Sample ID : MA4YY1 Dilution Factor : 2
 Date & Time Acquired :: 2017-12-12 16:47:10 DataFile Name : 052SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1375	1367	1417	1386	1.93	cps
Molybdenum	95-1	2384	2450	2317	2384	2.80	cps
Molybdenum	96-1	2692	2234	2442	2456	9.35	cps
Molybdenum	97-1	2492	2209	2267	2323	6.44	cps
Molybdenum	98-1	3767	3517	3626	3637	3.45	cps
Neodymium	150-1	107	80	100	96	14.52	cps
Neodymium	150-2	20	43	17	27	54.47	cps
Nickel	60-2	677	657	647	660	2.31	cps
Phosphorus	31-2	467	525	367	453	17.69	cps
Potassium	39-2	5772295	5819688	5865053	5819012	0.80	cps
Rhodium	103-1	4035765	4047302	4041868	4041645	0.14	cps
Rhodium	103-2	1857202	1832958	1822890	1837683	0.96	cps
Scandium	45-1	4195790	4180421	4195453	4190555	0.21	cps
Scandium	45-2	174557	176798	174500	175285	0.75	cps
Selenium	77-2	0	23	13	12	95.78	cps
Selenium	78-2	17	15	17	16	6.69	cps
Selenium	82-1	-8838	-9020	-8998	-8952	-1.11	cps
Silicon	28-1	70747514	70892681	70807416	70815870	0.10	cps
Silver	109-1	225	200	292	239	19.84	cps
Silver	107-1	325	175	242	247	30.40	cps
Sodium	23-2	476617477	481100477	481184811	479634255	0.54	cps
Strontium	86-1	1222761	1214858	1211973	1216530	0.46	cps
Strontium	88-1	10981499	11007131	10965458	10984696	0.19	cps
Sulfur	34-1	4054829	4026523	4014129	4031827	0.52	cps
Terbium	159-1	7292836	7318491	7321510	7310946	0.22	cps
Terbium	159-2	3153070	3152543	3131310	3145641	0.39	cps
Thallium	203-1	58	83	50	64	27.15	cps
Thallium	205-1	242	208	125	192	31.35	cps
Tin	118-1	725	892	808	808	10.31	cps
Titanium	47-1	2959	2934	2867	2920	1.62	cps
Uranium	238-1	3984	4076	3801	3954	3.54	cps
Vanadium	51-2	1340	1280	1340	1320	2.62	cps
Yttrium	89-1	5121842	5115589	5119700	5119044	0.06	cps
Yttrium	89-2	651623	648877	643946	648149	0.60	cps
Zinc	66-2	1277	1483	1280	1347	8.79	cps
Zirconium	90-1	308	408	333	350	14.87	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-20DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4YY1	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 16:47:10	DataFile Name :	052SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	50	142	117	50.00	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-21DLX2 Instrumnet Name : P7
 Client Sample ID : MA4YY2 Dilution Factor : 2
 Date & Time Acquired :: 2017-12-12 16:50:44 DataFile Name : 053SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11288	10587	10095	10657	5.62	cps
Antimony	121-1	1842	1559	1542	1647	10.24	cps
Arsenic	75-2	131	87	109	109	20.34	cps
Barium	135-1	27570	27394	28121	27695	1.37	cps
Barium	137-1	49849	48327	47691	48622	2.28	cps
Beryllium	9-1	267	311	333	304	11.18	cps
Bismuth	209-1	4322487	4289210	4346664	4319454	0.67	cps
Bismuth	209-2	2279906	2215565	2177288	2224253	2.33	cps
Boron	10-1	196391	198737	198188	197772	0.62	cps
Boron	11-1	907297	924020	922430	917916	1.01	cps
Cadmium	111-1	1853	1764	1571	1729	8.34	cps
Cadmium	106-1	2575	2542	2275	2464	6.67	cps
Cadmium	108-1	42	88	79	69	35.15	cps
Calcium	43-1	1108655	1106705	1107273	1107544	0.09	cps
Calcium	44-1	17806570	17700702	17722682	17743318	0.31	cps
Chromium	52-2	1367	1333	1190	1297	7.24	cps
Cobalt	59-2	497	453	443	464	6.10	cps
Copper	63-2	5041	5011	4791	4948	2.76	cps
Dysprosium	156-1	308	300	367	325	11.18	cps
Dysprosium	156-2	127	130	120	126	4.06	cps
Erbium	164-1	258	367	267	297	20.28	cps
Erbium	164-2	133	123	113	123	8.11	cps
Gadolinium	160-1	217	208	358	261	32.29	cps
Gadolinium	160-2	193	157	170	173	10.71	cps
Holmium	165-1	7228056	7165781	7315899	7236579	1.04	cps
Holmium	165-2	3307548	3209280	3189581	3235470	1.95	cps
Indium	115-1	4790879	4744402	4816641	4783974	0.77	cps
Indium	115-2	821262	798473	787293	802343	2.16	cps
Iron	56-2	1736413	1699085	1682649	1706049	1.61	cps
Iron	57-2	43303	43375	42797	43158	0.73	cps
Lead	206-1	12567	12823	12556	12649	1.19	cps
Lead	207-1	10154	10766	10604	10508	3.02	cps
Lead	208-1	49120	49459	49120	49233	0.40	cps
Lithium	6-1	5819372	5771946	5850723	5814014	0.68	cps
Magnesium	24-2	36189219	35286820	35127552	35534530	1.61	cps
Manganese	55-2	96188	92794	92596	93859	2.15	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-21DLX2 Instrumnet Name : P7
 Client Sample ID : MA4YY2 Dilution Factor : 2
 Date & Time Acquired :: 2017-12-12 16:50:44 DataFile Name : 053SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1809	1617	1717	1714	5.59	cps
Molybdenum	95-1	2850	2817	2892	2853	1.32	cps
Molybdenum	96-1	2775	2734	2950	2820	4.08	cps
Molybdenum	97-1	2184	2150	2334	2223	4.40	cps
Molybdenum	98-1	4101	4134	3976	4070	2.05	cps
Neodymium	150-1	367	373	487	409	16.49	cps
Neodymium	150-2	127	110	133	123	9.75	cps
Nickel	60-2	793	733	730	752	4.74	cps
Phosphorus	31-2	692	792	800	761	7.92	cps
Potassium	39-2	7168894	6981478	6927653	7026008	1.80	cps
Rhodium	103-1	4003113	3947952	3995969	3982345	0.75	cps
Rhodium	103-2	1866634	1803153	1787105	1818964	2.31	cps
Scandium	45-1	4154268	4025940	4215769	4131993	2.34	cps
Scandium	45-2	178322	173593	169732	173883	2.47	cps
Selenium	77-2	13	0	10	8	89.21	cps
Selenium	78-2	31	24	39	31	23.54	cps
Selenium	82-1	-6577	-6399	-6421	-6466	-1.50	cps
Silicon	28-1	70789883	70192277	70325041	70435734	0.45	cps
Silver	109-1	192	217	225	211	8.22	cps
Silver	107-1	258	308	217	261	17.58	cps
Sodium	23-2	587617846	574355313	571084146	577685768	1.52	cps
Strontium	86-1	1435040	1431190	1435108	1433779	0.16	cps
Strontium	88-1	12908915	12828753	12891737	12876468	0.33	cps
Sulfur	34-1	3686674	3703973	3687701	3692783	0.26	cps
Terbium	159-1	7241623	7181272	7269361	7230752	0.62	cps
Terbium	159-2	3199864	3098905	3075214	3124661	2.12	cps
Thallium	203-1	92	67	175	111	51.05	cps
Thallium	205-1	250	283	217	250	13.33	cps
Tin	118-1	892	958	783	878	10.06	cps
Titanium	47-1	9537	9345	8903	9262	3.51	cps
Uranium	238-1	4759	5176	5160	5032	4.69	cps
Vanadium	51-2	2174	2194	2194	2187	0.53	cps
Yttrium	89-1	5064735	5003165	5102966	5056955	1.00	cps
Yttrium	89-2	664413	640887	635630	646977	2.37	cps
Zinc	66-2	2167	2177	2200	2181	0.78	cps
Zirconium	90-1	600	592	583	592	1.41	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-21DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4YY2	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 16:50:44	DataFile Name :	053SMPL_P7121217 M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	217	133	169	25.24	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-22DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4YY3	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 16:54:17	DataFile Name :	054SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9729	9278	9204	9403	3.02	cps
Antimony	121-1	1850	1817	1992	1886	4.93	cps
Arsenic	75-2	181	161	163	169	6.68	cps
Barium	135-1	10629	11647	10588	10955	5.48	cps
Barium	137-1	18522	17628	18388	18179	2.65	cps
Beryllium	9-1	322	356	261	313	15.31	cps
Bismuth	209-1	3800403	3878027	3930804	3869745	1.70	cps
Bismuth	209-2	2050731	2042604	1979534	2024290	1.93	cps
Boron	10-1	360833	362571	369206	364203	1.21	cps
Boron	11-1	1688999	1707905	1754240	1717048	1.95	cps
Cadmium	111-1	1562	1646	1663	1624	3.32	cps
Cadmium	106-1	2225	2325	2417	2323	4.13	cps
Cadmium	108-1	71	33	83	63	41.64	cps
Calcium	43-1	1828468	1827018	1848213	1834566	0.65	cps
Calcium	44-1	28925768	28979631	29432317	29112572	0.96	cps
Chromium	52-2	1143	1140	1000	1095	7.48	cps
Cobalt	59-2	447	443	410	433	4.68	cps
Copper	63-2	4601	4494	4587	4561	1.27	cps
Dysprosium	156-1	208	175	217	200	11.02	cps
Dysprosium	156-2	93	113	103	103	9.68	cps
Erbium	164-1	125	233	308	222	41.48	cps
Erbium	164-2	107	87	80	91	15.23	cps
Gadolinium	160-1	242	325	275	281	14.95	cps
Gadolinium	160-2	140	143	150	144	3.52	cps
Holmium	165-1	6435371	6564551	6738143	6579355	2.31	cps
Holmium	165-2	3056281	3040961	2947966	3015069	1.94	cps
Indium	115-1	4274179	4357423	4448830	4360144	2.00	cps
Indium	115-2	760571	754151	732511	749077	1.96	cps
Iron	56-2	523520	510936	490713	508390	3.26	cps
Iron	57-2	15776	15492	15003	15423	2.54	cps
Lead	206-1	3801	4023	4084	3969	3.76	cps
Lead	207-1	3401	3195	3162	3252	3.98	cps
Lead	208-1	15515	15332	15504	15450	0.67	cps
Lithium	6-1	5334900	5476505	5549677	5453694	2.00	cps
Magnesium	24-2	67531606	66815999	64591420	66313008	2.31	cps
Manganese	55-2	47487	46008	44982	46159	2.73	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-22DLX2 Instrumnet Name : P7
 Client Sample ID : MA4YY3 Dilution Factor : 2
 Date & Time Acquired :: 2017-12-12 16:54:17 DataFile Name : 054SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3142	3175	3142	3153	0.61	cps
Molybdenum	95-1	5893	5293	5668	5618	5.40	cps
Molybdenum	96-1	5851	5501	5718	5690	3.11	cps
Molybdenum	97-1	4576	4418	4568	4520	1.97	cps
Molybdenum	98-1	8528	7702	8244	8158	5.14	cps
Neodymium	150-1	273	267	307	282	7.59	cps
Neodymium	150-2	123	93	107	108	13.95	cps
Nickel	60-2	647	673	683	668	2.84	cps
Phosphorus	31-2	758	667	558	661	15.14	cps
Potassium	39-2	13790860	13620600	13150620	13520693	2.45	cps
Rhodium	103-1	3521295	3612964	3662839	3599033	1.99	cps
Rhodium	103-2	1687732	1680687	1641301	1669907	1.50	cps
Scandium	45-1	3760118	3847872	3958408	3855466	2.58	cps
Scandium	45-2	170190	167603	162167	166653	2.46	cps
Selenium	77-2	7	13	20	13	49.99	cps
Selenium	78-2	7	4	19	10	78.08	cps
Selenium	82-1	-6805	-7116	-7808	-7243	-7.08	cps
Silicon	28-1	65431106	65528958	65750451	65570172	0.25	cps
Silver	109-1	217	250	183	217	15.38	cps
Silver	107-1	308	308	208	275	20.99	cps
Sodium	23-2	1109664858	1098969291	1066071357	1091568502	2.08	cps
Strontium	86-1	2567735	2527381	2584048	2559721	1.14	cps
Strontium	88-1	22858477	22577526	23008237	22814747	0.96	cps
Sulfur	34-1	6203067	6194196	6304304	6233856	0.98	cps
Terbium	159-1	6428799	6597547	6782356	6602901	2.68	cps
Terbium	159-2	2948506	2945470	2838639	2910872	2.15	cps
Thallium	203-1	108	33	33	58	74.23	cps
Thallium	205-1	117	175	133	142	21.21	cps
Tin	118-1	1025	1000	1083	1036	4.13	cps
Titanium	47-1	7794	8496	8211	8167	4.32	cps
Uranium	238-1	12281	12707	12573	12520	1.74	cps
Vanadium	51-2	2857	2714	2730	2767	2.83	cps
Yttrium	89-1	4542228	4660237	4732950	4645138	2.07	cps
Yttrium	89-2	614048	615485	595729	608421	1.81	cps
Zinc	66-2	987	913	1020	973	5.61	cps
Zirconium	90-1	633	658	717	669	6.39	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-22DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4YY3	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 16:54:17	DataFile Name :	054SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	225	250	208	24.98	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : CCV036 Instrumnet Name : P7
 Client Sample ID : CCV036 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 17:03:34 DataFile Name : 056CCV_P7121217 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3120105	3121874	3115829	3119269	0.10	cps
Antimony	121-1	1870564	1872843	1856965	1866791	0.46	cps
Arsenic	75-2	49796	49815	49841	49817	0.04	cps
Barium	135-1	2246842	2244736	2215805	2235794	0.78	cps
Barium	137-1	3937377	3938591	3867346	3914438	1.04	cps
Beryllium	9-1	1077092	1066782	1059284	1067719	0.84	cps
Bismuth	209-1	4575929	4476691	4548662	4533760	1.13	cps
Bismuth	209-2	2261550	2269164	2265231	2265315	0.17	cps
Boron	10-1	135307	136494	137654	136485	0.86	cps
Boron	11-1	600954	613225	616614	610264	1.35	cps
Cadmium	111-1	428290	426709	423851	426283	0.53	cps
Cadmium	106-1	52690	53284	53560	53178	0.84	cps
Cadmium	108-1	34810	34179	33987	34325	1.25	cps
Calcium	43-1	3505181	3464552	3452035	3473922	0.80	cps
Calcium	44-1	54289331	54309816	53771325	54123491	0.56	cps
Chromium	52-2	574025	576294	573160	574493	0.28	cps
Cobalt	59-2	848025	847869	847307	847734	0.04	cps
Copper	63-2	1154258	1154252	1150846	1153119	0.17	cps
Dysprosium	156-1	58	17	108	61	75.10	cps
Dysprosium	156-2	30	10	17	19	53.91	cps
Erbium	164-1	17	25	42	28	45.82	cps
Erbium	164-2	17	23	10	17	39.99	cps
Gadolinium	160-1	25	17	33	25	33.32	cps
Gadolinium	160-2	27	33	30	30	11.10	cps
Holmium	165-1	7174422	7068292	7189683	7144133	0.93	cps
Holmium	165-2	3131194	3155739	3152476	3146470	0.42	cps
Indium	115-1	4718355	4694785	4704548	4705896	0.25	cps
Indium	115-2	753882	760463	755685	756677	0.45	cps
Iron	56-2	114007291	113525283	113230269	113587615	0.35	cps
Iron	57-2	2724226	2735938	2723361	2727842	0.26	cps
Lead	206-1	1697855	1705628	1682374	1695286	0.70	cps
Lead	207-1	1517889	1520941	1524555	1521128	0.22	cps
Lead	208-1	6886930	6882261	6864914	6878035	0.17	cps
Lithium	6-1	5561488	5479482	5508388	5516453	0.75	cps
Magnesium	24-2	40395811	40271471	40222824	40296702	0.22	cps
Manganese	55-2	624032	622504	622809	623115	0.13	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCV036	Instrumnet Name :	P7
Client Sample ID :	CCV036	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 17:03:34	DataFile Name :	056CCV_P7121217 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3382950	3385992	3350666	3373203	0.58	cps
Molybdenum	95-1	4130053	4107312	4096976	4111447	0.41	cps
Molybdenum	96-1	4567474	4593998	4539019	4566831	0.60	cps
Molybdenum	97-1	2574498	2544200	2529639	2549446	0.90	cps
Molybdenum	98-1	6785085	6734014	6697986	6739029	0.65	cps
Neodymium	150-1	293	227	200	240	20.03	cps
Neodymium	150-2	23	27	40	30	29.40	cps
Nickel	60-2	216623	215245	214243	215370	0.55	cps
Phosphorus	31-2	28436	27134	27217	27596	2.64	cps
Potassium	39-2	12779619	12838261	12735471	12784450	0.40	cps
Rhodium	103-1	3904339	3860535	3893731	3886202	0.59	cps
Rhodium	103-2	1721224	1740142	1733538	1731635	0.55	cps
Scandium	45-1	3939903	3877583	3903746	3907077	0.80	cps
Scandium	45-2	158271	158547	157076	157965	0.50	cps
Selenium	77-2	1033	1133	950	1039	8.84	cps
Selenium	78-2	3663	3513	3417	3531	3.52	cps
Selenium	82-1	24569	25279	24633	24827	1.58	cps
Silicon	28-1	57041108	56681822	56632941	56785290	0.39	cps
Silver	109-1	1965561	1951642	1943381	1953528	0.57	cps
Silver	107-1	2041112	2030525	2031547	2034395	0.29	cps
Sodium	23-2	79504221	79567358	79158998	79410192	0.28	cps
Strontium	86-1	574329	572135	572964	573143	0.19	cps
Strontium	88-1	5157149	5090887	5071097	5106378	0.88	cps
Sulfur	34-1	924374	912848	907939	915053	0.92	cps
Terbium	159-1	7172146	7111953	7171082	7151727	0.48	cps
Terbium	159-2	3017653	3020154	3030915	3022907	0.23	cps
Thallium	203-1	2086896	2070230	2078333	2078486	0.40	cps
Thallium	205-1	5039947	5044859	5025862	5036889	0.20	cps
Tin	118-1	1444632	1428707	1424558	1432632	0.74	cps
Titanium	47-1	1527728	1526222	1510797	1521582	0.62	cps
Uranium	238-1	7539560	7472625	7385508	7465898	1.03	cps
Vanadium	51-2	484057	481915	480843	482272	0.34	cps
Yttrium	89-1	4889771	4850274	4908746	4882930	0.61	cps
Yttrium	89-2	599303	604300	597302	600302	0.60	cps
Zinc	66-2	151401	150980	151476	151286	0.18	cps
Zirconium	90-1	2867440	2868750	2843107	2859766	0.50	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCV036	Instrumnet Name :	P7
Client Sample ID :	CCV036	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 17:03:34	DataFile Name :	056CCV_P7121217 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	634888	636706	632754	634782	0.31	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : CCB036 Instrumnet Name : P7
 Client Sample ID : CCB036 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 17:18:29 DataFile Name : 059CCBE_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	25	42	42	40.00	cps
Antimony	121-1	442	417	467	442	5.66	cps
Arsenic	75-2	9	6	0	5	94.35	cps
Barium	135-1	33	8	42	28	62.46	cps
Barium	137-1	42	25	42	36	26.65	cps
Beryllium	9-1	628	633	561	607	6.62	cps
Bismuth	209-1	5040349	4717917	5028550	4928939	3.71	cps
Bismuth	209-2	2631599	2507614	2537939	2559051	2.53	cps
Boron	10-1	10329	9879	9712	9973	3.20	cps
Boron	11-1	48387	47400	47785	47857	1.04	cps
Cadmium	111-1	1727	1626	1796	1716	4.99	cps
Cadmium	106-1	2484	2350	2567	2467	4.43	cps
Cadmium	108-1	17	33	13	21	52.90	cps
Calcium	43-1	300	325	275	300	8.33	cps
Calcium	44-1	233389	234488	232290	233389	0.47	cps
Chromium	52-2	133	117	133	128	7.53	cps
Cobalt	59-2	103	123	80	102	21.22	cps
Copper	63-2	1523	1440	1620	1528	5.90	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	42	33	28	62.46	cps
Erbium	164-2	23	10	7	13	66.12	cps
Gadolinium	160-1	17	25	25	22	21.64	cps
Gadolinium	160-2	10	27	20	19	44.42	cps
Holmium	165-1	7341324	6895156	7302373	7179618	3.44	cps
Holmium	165-2	3351491	3212152	3230379	3264674	2.32	cps
Indium	115-1	5073327	4769959	5075041	4972776	3.53	cps
Indium	115-2	850253	812737	818810	827267	2.43	cps
Iron	56-2	4756	4751	4856	4788	1.24	cps
Iron	57-2	228	144	100	157	41.21	cps
Lead	206-1	761	689	928	793	15.46	cps
Lead	207-1	672	711	667	683	3.54	cps
Lead	208-1	3072	2978	3211	3087	3.80	cps
Lithium	6-1	5892087	5609251	5900193	5800510	2.86	cps
Magnesium	24-2	4351	4543	4568	4487	2.64	cps
Manganese	55-2	77	60	133	90	42.72	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCB036	Instrumnet Name :	P7
Client Sample ID :	CCB036	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 17:18:29	DataFile Name :	059CCBE_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	283	267	300	283	5.88	cps
Molybdenum	95-1	308	250	200	253	21.45	cps
Molybdenum	96-1	275	258	225	253	10.07	cps
Molybdenum	97-1	158	142	117	139	15.10	cps
Molybdenum	98-1	350	433	258	347	25.21	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	597	530	527	551	7.16	cps
Phosphorus	31-2	267	300	258	275	8.02	cps
Potassium	39-2	41216	41233	41108	41186	0.17	cps
Rhodium	103-1	4339711	4100064	4300992	4246922	3.03	cps
Rhodium	103-2	2011781	1919130	1939099	1956670	2.49	cps
Scandium	45-1	4066534	3815221	4069486	3983747	3.66	cps
Scandium	45-2	174201	164134	166243	168193	3.16	cps
Selenium	77-2	13	13	10	12	15.73	cps
Selenium	78-2	63	59	59	60	3.53	cps
Selenium	82-1	-94	-68	-58	-73	-25.49	cps
Silicon	28-1	57129524	56856816	56890705	56959015	0.26	cps
Silver	109-1	100	83	75	86	14.79	cps
Silver	107-1	167	225	158	183	19.81	cps
Sodium	23-2	1074463	1073831	1063819	1070705	0.56	cps
Strontium	86-1	400	217	225	281	36.90	cps
Strontium	88-1	517	500	567	528	6.57	cps
Sulfur	34-1	692408	691736	703644	695929	0.96	cps
Terbium	159-1	7406594	6980161	7385826	7257527	3.31	cps
Terbium	159-2	3252034	3111723	3106216	3156658	2.62	cps
Thallium	203-1	333	108	200	214	52.90	cps
Thallium	205-1	492	425	483	467	7.78	cps
Tin	118-1	708	758	675	714	5.88	cps
Titanium	47-1	508	658	533	567	14.18	cps
Uranium	238-1	25	42	42	36	26.65	cps
Vanadium	51-2	90	100	87	92	7.52	cps
Yttrium	89-1	5077537	4776889	5035459	4963295	3.28	cps
Yttrium	89-2	649678	621096	625716	632164	2.43	cps
Zinc	66-2	257	210	207	224	12.45	cps
Zirconium	90-1	367	450	475	431	13.17	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCB036	Instrumnet Name :	P7
Client Sample ID :	CCB036	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 17:18:29	DataFile Name :	059CCBE_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	58	108	133	100	38.19	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-23DLX2 Instrumnet Name : P7
 Client Sample ID : MA4YY4 Dilution Factor : 2
 Date & Time Acquired :: 2017-12-12 17:22:01 DataFile Name : 060SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1884	1934	2017	1945	3.46	cps
Antimony	121-1	2150	1725	1717	1864	13.30	cps
Arsenic	75-2	106	78	107	97	17.13	cps
Barium	135-1	10463	10638	9996	10365	3.20	cps
Barium	137-1	17870	17495	17445	17603	1.32	cps
Beryllium	9-1	561	522	606	563	7.41	cps
Bismuth	209-1	3960900	3866242	3820758	3882633	1.84	cps
Bismuth	209-2	2032201	2037451	1986858	2018837	1.38	cps
Boron	10-1	286014	291624	293324	290320	1.32	cps
Boron	11-1	1330361	1372776	1383113	1362084	2.05	cps
Cadmium	111-1	1689	1618	1766	1691	4.36	cps
Cadmium	106-1	2375	2300	2484	2386	3.86	cps
Cadmium	108-1	46	54	21	40	43.08	cps
Calcium	43-1	1498163	1505448	1507115	1503575	0.32	cps
Calcium	44-1	23653072	23782527	23876185	23770594	0.47	cps
Chromium	52-2	2034	2317	2307	2219	7.25	cps
Cobalt	59-2	337	387	337	353	8.17	cps
Copper	63-2	4374	4194	4241	4270	2.19	cps
Dysprosium	156-1	50	67	108	75	40.06	cps
Dysprosium	156-2	20	17	13	17	20.01	cps
Erbium	164-1	50	67	92	69	30.20	cps
Erbium	164-2	27	10	37	24	55.11	cps
Gadolinium	160-1	58	67	67	64	7.53	cps
Gadolinium	160-2	70	50	43	54	25.49	cps
Holmium	165-1	6572834	6430316	6475745	6492965	1.12	cps
Holmium	165-2	3008170	2987421	2928359	2974650	1.39	cps
Indium	115-1	4359031	4280019	4230582	4289877	1.51	cps
Indium	115-2	739537	735980	717956	731158	1.58	cps
Iron	56-2	115182	115373	114314	114956	0.49	cps
Iron	57-2	5334	5601	5301	5412	3.04	cps
Lead	206-1	2084	2300	2061	2148	6.14	cps
Lead	207-1	1717	1678	1784	1726	3.09	cps
Lead	208-1	8535	8485	8023	8348	3.38	cps
Lithium	6-1	5459841	5359805	5400283	5406643	0.93	cps
Magnesium	24-2	53447413	53733796	53585763	53588990	0.27	cps
Manganese	55-2	100806	101725	100272	100934	0.73	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-23DLX2 Instrumnet Name : P7
 Client Sample ID : MA4YY4 Dilution Factor : 2
 Date & Time Acquired :: 2017-12-12 17:22:01 DataFile Name : 060SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3359	2875	3342	3192	8.60	cps
Molybdenum	95-1	4634	5285	4826	4915	6.80	cps
Molybdenum	96-1	4976	4993	4801	4923	2.16	cps
Molybdenum	97-1	3251	3509	3292	3351	4.14	cps
Molybdenum	98-1	7285	7611	7461	7452	2.19	cps
Neodymium	150-1	53	33	93	60	50.92	cps
Neodymium	150-2	27	17	13	19	36.75	cps
Nickel	60-2	1130	1090	1027	1082	4.81	cps
Phosphorus	31-2	550	392	425	456	18.32	cps
Potassium	39-2	10505513	10521304	10495846	10507554	0.12	cps
Rhodium	103-1	3559609	3468615	3463514	3497246	1.55	cps
Rhodium	103-2	1650185	1637615	1604493	1630764	1.45	cps
Scandium	45-1	3801827	3664075	3645186	3703696	2.31	cps
Scandium	45-2	159515	161630	155631	158926	1.91	cps
Selenium	77-2	13	0	7	7	99.98	cps
Selenium	78-2	24	17	28	23	24.76	cps
Selenium	82-1	-764	-999	-1290	-1018	-25.92	cps
Silicon	28-1	59958222	60487589	60658262	60368024	0.60	cps
Silver	109-1	908	992	792	897	11.20	cps
Silver	107-1	992	700	950	881	17.91	cps
Sodium	23-2	871520253	870644553	867083686	869749497	0.27	cps
Strontium	86-1	2093841	2103057	2095257	2097385	0.24	cps
Strontium	88-1	18616266	18708423	18658792	18661160	0.25	cps
Sulfur	34-1	5095412	5123804	5149711	5122975	0.53	cps
Terbium	159-1	6627714	6465113	6472344	6521724	1.41	cps
Terbium	159-2	2903195	2892297	2816772	2870755	1.64	cps
Thallium	203-1	333	192	183	236	35.71	cps
Thallium	205-1	600	508	342	483	27.10	cps
Tin	118-1	900	817	883	867	5.09	cps
Titanium	47-1	3817	3959	3767	3848	2.58	cps
Uranium	238-1	12598	11172	11964	11912	6.00	cps
Vanadium	51-2	1710	1530	1540	1593	6.35	cps
Yttrium	89-1	4578180	4466942	4461592	4502238	1.46	cps
Yttrium	89-2	595315	590628	580589	588844	1.28	cps
Zinc	66-2	840	823	923	862	6.21	cps
Zirconium	90-1	1759	1467	1417	1547	11.93	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-23DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4YY4	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:22:01	DataFile Name :	060SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	517	400	275	397	30.43	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-24DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4YY5	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:25:35	DataFile Name :	061SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1633	1800	1800	1745	5.52	cps
Antimony	121-1	1225	1025	1233	1161	10.16	cps
Arsenic	75-2	74	67	102	81	22.94	cps
Barium	135-1	10179	10755	9771	10235	4.83	cps
Barium	137-1	19331	18296	17896	18507	4.00	cps
Beryllium	9-1	583	456	461	500	14.45	cps
Bismuth	209-1	4024881	4008598	3978945	4004141	0.58	cps
Bismuth	209-2	2007491	2014628	2047370	2023163	1.05	cps
Boron	10-1	305223	301802	296177	301067	1.52	cps
Boron	11-1	1412608	1423116	1401917	1412547	0.75	cps
Cadmium	111-1	1771	1752	1719	1748	1.52	cps
Cadmium	106-1	2492	2417	2434	2448	1.61	cps
Cadmium	108-1	21	21	38	26	36.47	cps
Calcium	43-1	1556019	1544386	1517756	1539387	1.27	cps
Calcium	44-1	24597348	24491669	24167180	24418732	0.92	cps
Chromium	52-2	580	627	643	617	5.32	cps
Cobalt	59-2	407	353	390	383	7.12	cps
Copper	63-2	3874	3624	3621	3706	3.92	cps
Dysprosium	156-1	58	42	67	56	22.91	cps
Dysprosium	156-2	17	23	3	14	70.51	cps
Erbium	164-1	108	50	83	81	36.33	cps
Erbium	164-2	43	7	23	24	75.09	cps
Gadolinium	160-1	83	83	58	75	19.24	cps
Gadolinium	160-2	60	50	37	49	23.94	cps
Holmium	165-1	6821809	6736686	6789983	6782826	0.63	cps
Holmium	165-2	2965063	2972366	3027677	2988369	1.15	cps
Indium	115-1	4514057	4452214	4467170	4477814	0.72	cps
Indium	115-2	730470	731930	746197	736199	1.18	cps
Iron	56-2	106058	107166	107596	106940	0.74	cps
Iron	57-2	5084	4923	5379	5129	4.51	cps
Lead	206-1	1778	1845	1767	1796	2.34	cps
Lead	207-1	1528	1545	1500	1524	1.47	cps
Lead	208-1	7145	7212	6651	7003	4.38	cps
Lithium	6-1	5688343	5653696	5617196	5653078	0.63	cps
Magnesium	24-2	52296230	52244311	53362100	52634214	1.20	cps
Manganese	55-2	103057	101681	103984	102908	1.13	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-24DLX2 Instrumnet Name : P7
 Client Sample ID : MA4YY5 Dilution Factor : 2
 Date & Time Acquired :: 2017-12-12 17:25:35 DataFile Name : 061SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3142	3242	2817	3067	7.25	cps
Molybdenum	95-1	5334	5126	5176	5212	2.09	cps
Molybdenum	96-1	5018	5134	4834	4996	3.03	cps
Molybdenum	97-1	3742	3934	3642	3773	3.93	cps
Molybdenum	98-1	7827	7536	7661	7675	1.91	cps
Neodymium	150-1	53	33	100	62	54.98	cps
Neodymium	150-2	13	10	27	17	52.93	cps
Nickel	60-2	730	633	723	696	7.76	cps
Phosphorus	31-2	517	250	375	381	35.06	cps
Potassium	39-2	10304662	10324487	10450085	10359745	0.76	cps
Rhodium	103-1	3707506	3644924	3672869	3675100	0.85	cps
Rhodium	103-2	1635472	1639580	1663886	1646313	0.93	cps
Scandium	45-1	3881307	3867248	3903354	3883970	0.47	cps
Scandium	45-2	158537	158510	160793	159280	0.82	cps
Selenium	77-2	0	23	10	11	105.35	cps
Selenium	78-2	24	9	19	17	43.29	cps
Selenium	82-1	-2304	-2420	-2626	-2450	-6.65	cps
Silicon	28-1	63433410	63136828	63294033	63288090	0.23	cps
Silver	109-1	400	333	367	367	9.09	cps
Silver	107-1	383	358	317	353	9.55	cps
Sodium	23-2	848583802	850561052	863168753	854104536	0.93	cps
Strontium	86-1	2156089	2131080	2111082	2132750	1.06	cps
Strontium	88-1	19260214	19066018	18729909	19018714	1.41	cps
Sulfur	34-1	5320501	5293126	5216199	5276609	1.02	cps
Terbium	159-1	6858825	6772745	6789716	6807096	0.67	cps
Terbium	159-2	2847647	2871771	2922782	2880733	1.33	cps
Thallium	203-1	92	50	75	72	29.04	cps
Thallium	205-1	225	225	292	247	15.57	cps
Tin	118-1	742	908	867	839	10.34	cps
Titanium	47-1	3842	3359	3759	3653	7.07	cps
Uranium	238-1	11781	12331	11747	11953	2.74	cps
Vanadium	51-2	1713	1613	1603	1643	3.70	cps
Yttrium	89-1	4768541	4716700	4688441	4724561	0.86	cps
Yttrium	89-2	592443	591386	600540	594790	0.84	cps
Zinc	66-2	883	933	1000	939	6.23	cps
Zirconium	90-1	1083	1050	1017	1050	3.17	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-24DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4YY5	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:25:35	DataFile Name :	061SMPL_P7121217 M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	250	250	175	225	19.24	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-25DLX2 Instrumnet Name : P7
 Client Sample ID : MA4Z09 Dilution Factor : 2
 Date & Time Acquired :: 2017-12-12 17:29:09 DataFile Name : 062SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1500	1467	1383	1450	4.14	cps
Antimony	121-1	1308	1192	1067	1189	10.17	cps
Arsenic	75-2	87	76	76	80	8.05	cps
Barium	135-1	17595	18171	17920	17895	1.61	cps
Barium	137-1	31704	31721	31528	31651	0.34	cps
Beryllium	9-1	556	483	572	537	8.80	cps
Bismuth	209-1	4212197	4133938	4150630	4165588	0.99	cps
Bismuth	209-2	2135446	2204057	2201462	2180322	1.78	cps
Boron	10-1	205525	205315	210830	207224	1.51	cps
Boron	11-1	954090	963647	977949	965229	1.24	cps
Cadmium	111-1	1759	1621	1688	1689	4.10	cps
Cadmium	106-1	2492	2259	2400	2384	4.93	cps
Cadmium	108-1	50	50	67	56	17.32	cps
Calcium	43-1	1133848	1128453	1137676	1133326	0.41	cps
Calcium	44-1	17859569	18079676	17970614	17969953	0.61	cps
Chromium	52-2	607	527	533	556	7.99	cps
Cobalt	59-2	563	570	593	576	2.74	cps
Copper	63-2	3767	3801	3997	3855	3.22	cps
Dysprosium	156-1	33	50	42	42	20.00	cps
Dysprosium	156-2	47	23	27	32	39.17	cps
Erbium	164-1	50	58	58	56	8.67	cps
Erbium	164-2	17	33	27	26	32.81	cps
Gadolinium	160-1	33	25	67	42	52.91	cps
Gadolinium	160-2	57	23	53	44	41.31	cps
Holmium	165-1	6963739	6914201	6946451	6941464	0.36	cps
Holmium	165-2	3116901	3224694	3202176	3181257	1.79	cps
Indium	115-1	4618087	4529545	4575658	4574430	0.97	cps
Indium	115-2	771393	785551	789125	782023	1.20	cps
Iron	56-2	176554	178470	178319	177781	0.60	cps
Iron	57-2	6502	6196	6824	6507	4.83	cps
Lead	206-1	1800	1767	1761	1776	1.18	cps
Lead	207-1	1595	1345	1606	1515	9.75	cps
Lead	208-1	7129	6901	7173	7068	2.07	cps
Lithium	6-1	5725213	5622370	5685839	5677807	0.91	cps
Magnesium	24-2	36009092	36296504	36685652	36330416	0.93	cps
Manganese	55-2	237267	238217	239416	238300	0.45	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-25DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z09	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:29:09	DataFile Name :	062SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2217	2042	2334	2197	6.68	cps
Molybdenum	95-1	3567	3401	3609	3526	3.13	cps
Molybdenum	96-1	3526	3334	3776	3545	6.25	cps
Molybdenum	97-1	2909	2525	2717	2717	7.06	cps
Molybdenum	98-1	5210	5018	5443	5223	4.08	cps
Neodymium	150-1	27	53	60	47	37.79	cps
Neodymium	150-2	27	10	13	17	52.93	cps
Nickel	60-2	927	893	760	860	10.26	cps
Phosphorus	31-2	425	342	408	392	11.26	cps
Potassium	39-2	7119997	7179861	7248568	7182809	0.90	cps
Rhodium	103-1	3841205	3750047	3792664	3794638	1.20	cps
Rhodium	103-2	1731209	1779080	1781237	1763842	1.60	cps
Scandium	45-1	3978027	3934242	3953571	3955280	0.55	cps
Scandium	45-2	162178	170826	171790	168264	3.15	cps
Selenium	77-2	10	10	7	9	21.63	cps
Selenium	78-2	20	9	19	16	37.09	cps
Selenium	82-1	-2783	-2796	-3186	-2922	-7.83	cps
Silicon	28-1	66283860	66477462	66599220	66453514	0.24	cps
Silver	109-1	217	183	217	206	9.36	cps
Silver	107-1	217	175	183	192	11.50	cps
Sodium	23-2	583282780	586187430	590203380	586557863	0.59	cps
Strontium	86-1	1459044	1445639	1447770	1450818	0.50	cps
Strontium	88-1	13107520	13026768	13026445	13053578	0.36	cps
Sulfur	34-1	3803627	3779926	3805174	3796242	0.37	cps
Terbium	159-1	7005098	6928259	6929772	6954376	0.63	cps
Terbium	159-2	3007824	3108018	3103439	3073094	1.84	cps
Thallium	203-1	58	75	92	75	22.22	cps
Thallium	205-1	158	150	133	147	8.65	cps
Tin	118-1	658	642	692	664	3.83	cps
Titanium	47-1	2375	2584	2417	2459	4.48	cps
Uranium	238-1	8461	8378	8553	8464	1.03	cps
Vanadium	51-2	1383	1357	1377	1372	1.01	cps
Yttrium	89-1	4869616	4779250	4810136	4819667	0.95	cps
Yttrium	89-2	617560	640051	637707	631773	1.96	cps
Zinc	66-2	1443	1477	1460	1460	1.14	cps
Zirconium	90-1	700	617	658	658	6.33	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-25DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z09	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:29:09	DataFile Name :	062SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	233	133	192	186	26.99	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-26DLX2 Instrumnet Name : P7
 Client Sample ID : MA4Z10 Dilution Factor : 2
 Date & Time Acquired :: 2017-12-12 17:32:43 DataFile Name : 063SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4851	5076	5059	4995	2.51	cps
Antimony	121-1	975	1000	850	942	8.53	cps
Arsenic	75-2	78	70	87	78	10.65	cps
Barium	135-1	7427	7936	7719	7694	3.32	cps
Barium	137-1	14600	14575	12990	14055	6.56	cps
Beryllium	9-1	489	506	578	524	9.02	cps
Bismuth	209-1	4457353	4485196	4447421	4463323	0.44	cps
Bismuth	209-2	2243356	2292521	2265798	2267225	1.09	cps
Boron	10-1	130331	131333	130929	130864	0.39	cps
Boron	11-1	605408	608393	611006	608269	0.46	cps
Cadmium	111-1	1868	1891	1754	1838	4.00	cps
Cadmium	106-1	2659	2692	2509	2620	3.73	cps
Cadmium	108-1	38	50	21	36	40.53	cps
Calcium	43-1	731400	721931	711343	721558	1.39	cps
Calcium	44-1	11690801	11623714	11526005	11613506	0.71	cps
Chromium	52-2	1250	1200	1233	1228	2.07	cps
Cobalt	59-2	273	263	290	276	4.89	cps
Copper	63-2	6131	6101	6175	6136	0.60	cps
Dysprosium	156-1	158	142	133	144	8.81	cps
Dysprosium	156-2	40	53	47	47	14.28	cps
Erbium	164-1	158	108	117	128	20.96	cps
Erbium	164-2	67	47	40	51	27.15	cps
Gadolinium	160-1	100	150	142	131	20.52	cps
Gadolinium	160-2	117	80	87	94	20.68	cps
Holmium	165-1	7220497	7347769	7222781	7263683	1.00	cps
Holmium	165-2	3205763	3273286	3237409	3238820	1.04	cps
Indium	115-1	4833219	4882459	4848199	4854626	0.52	cps
Indium	115-2	790612	808367	800438	799806	1.11	cps
Iron	56-2	181157	182041	181276	181492	0.26	cps
Iron	57-2	5557	5568	5957	5694	4.00	cps
Lead	206-1	2300	2400	2411	2371	2.58	cps
Lead	207-1	2117	2028	1872	2006	6.17	cps
Lead	208-1	9207	9113	9313	9211	1.09	cps
Lithium	6-1	5938009	5952659	5907581	5932750	0.39	cps
Magnesium	24-2	21708650	21992146	21918165	21872987	0.67	cps
Manganese	55-2	19206	19466	19316	19330	0.68	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-26DLX2 Instrumnet Name : P7
 Client Sample ID : MA4Z10 Dilution Factor : 2
 Date & Time Acquired :: 2017-12-12 17:32:43 DataFile Name : 063SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1567	1817	1717	1700	7.40	cps
Molybdenum	95-1	2725	2800	2475	2667	6.38	cps
Molybdenum	96-1	2559	2575	2450	2528	2.68	cps
Molybdenum	97-1	1809	1967	1975	1917	4.90	cps
Molybdenum	98-1	3659	3926	3884	3823	3.75	cps
Neodymium	150-1	147	127	200	158	24.03	cps
Neodymium	150-2	47	37	43	42	12.06	cps
Nickel	60-2	820	957	867	881	7.88	cps
Phosphorus	31-2	433	450	350	411	13.03	cps
Potassium	39-2	4229043	4297683	4290126	4272284	0.88	cps
Rhodium	103-1	4047707	4071096	4042696	4053833	0.37	cps
Rhodium	103-2	1804110	1835833	1831496	1823813	0.94	cps
Scandium	45-1	4102737	4181016	4100096	4127949	1.11	cps
Scandium	45-2	170047	173947	170120	171372	1.30	cps
Selenium	77-2	10	3	10	8	49.52	cps
Selenium	78-2	20	20	20	20	0.00	cps
Selenium	82-1	-2307	-2424	-2708	-2480	-8.33	cps
Silicon	28-1	65776151	65622320	65830191	65742888	0.16	cps
Silver	109-1	83	142	175	133	34.80	cps
Silver	107-1	150	175	242	189	25.09	cps
Sodium	23-2	343147974	348451199	345629366	345742847	0.77	cps
Strontium	86-1	881837	878400	866118	875451	0.94	cps
Strontium	88-1	7927042	7915255	7819154	7887150	0.75	cps
Sulfur	34-1	3245557	3234171	3219171	3232966	0.41	cps
Terbium	159-1	7282071	7393757	7284338	7320056	0.87	cps
Terbium	159-2	3096874	3126892	3120929	3114899	0.51	cps
Thallium	203-1	42	33	42	39	12.38	cps
Thallium	205-1	192	100	233	175	38.98	cps
Tin	118-1	742	683	683	703	4.79	cps
Titanium	47-1	4126	4017	4092	4079	1.36	cps
Uranium	238-1	6035	6102	6360	6166	2.79	cps
Vanadium	51-2	1397	1443	1473	1438	2.69	cps
Yttrium	89-1	5069540	5089742	5084710	5081331	0.21	cps
Yttrium	89-2	632227	642552	640300	638360	0.85	cps
Zinc	66-2	1050	1043	1117	1070	3.79	cps
Zirconium	90-1	600	633	750	661	11.91	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-26DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z10	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:32:43	DataFile Name :	063SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	208	150	164	24.03	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-27DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z11	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:36:17	DataFile Name :	064SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15934	16101	15625	15887	1.52	cps
Antimony	121-1	1350	1458	1325	1378	5.14	cps
Arsenic	75-2	113	135	144	131	12.37	cps
Barium	135-1	6435	6477	6135	6349	2.94	cps
Barium	137-1	11138	10379	10896	10805	3.59	cps
Beryllium	9-1	450	383	389	407	9.08	cps
Bismuth	209-1	3890757	3787977	3835487	3838074	1.34	cps
Bismuth	209-2	1999439	2010854	1949869	1986721	1.63	cps
Boron	10-1	352347	354833	355426	354202	0.46	cps
Boron	11-1	1683678	1685147	1685261	1684695	0.05	cps
Cadmium	111-1	1527	1605	1685	1606	4.93	cps
Cadmium	106-1	2192	2275	2392	2286	4.39	cps
Cadmium	108-1	58	42	50	50	16.67	cps
Calcium	43-1	1811292	1791907	1772943	1792047	1.07	cps
Calcium	44-1	28733424	28410303	28019420	28387716	1.26	cps
Chromium	52-2	2780	3084	3030	2965	5.46	cps
Cobalt	59-2	440	400	490	443	10.17	cps
Copper	63-2	9770	9657	9770	9732	0.67	cps
Dysprosium	156-1	283	267	325	292	10.30	cps
Dysprosium	156-2	157	130	133	140	10.38	cps
Erbium	164-1	275	358	367	333	15.21	cps
Erbium	164-2	107	133	187	142	28.64	cps
Gadolinium	160-1	342	333	283	319	9.88	cps
Gadolinium	160-2	170	147	130	149	13.49	cps
Holmium	165-1	6533804	6411750	6506494	6484016	0.99	cps
Holmium	165-2	2970883	2962586	2876575	2936682	1.78	cps
Indium	115-1	4322440	4214891	4296752	4278028	1.31	cps
Indium	115-2	730478	729815	708851	723048	1.70	cps
Iron	56-2	399419	409874	407562	405618	1.35	cps
Iron	57-2	12511	12628	13151	12763	2.67	cps
Lead	206-1	4957	4862	4790	4870	1.72	cps
Lead	207-1	4001	3940	4084	4008	1.81	cps
Lead	208-1	19089	18411	18973	18824	1.93	cps
Lithium	6-1	5524161	5440741	5486512	5483805	0.76	cps
Magnesium	24-2	64470901	65959718	65861395	65430672	1.27	cps
Manganese	55-2	20618	20314	20938	20624	1.51	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-27DLX2 Instrumnet Name : P7
 Client Sample ID : MA4Z11 Dilution Factor : 2
 Date & Time Acquired :: 2017-12-12 17:36:17 DataFile Name : 064SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3401	3025	3284	3237	5.93	cps
Molybdenum	95-1	5918	5576	5468	5654	4.16	cps
Molybdenum	96-1	5768	5993	5693	5818	2.68	cps
Molybdenum	97-1	4609	4351	4476	4479	2.89	cps
Molybdenum	98-1	8903	8953	8278	8711	4.32	cps
Neodymium	150-1	467	373	453	431	11.71	cps
Neodymium	150-2	163	160	220	181	18.62	cps
Nickel	60-2	917	800	743	820	10.78	cps
Phosphorus	31-2	483	425	433	447	7.05	cps
Potassium	39-2	12673004	13001373	13018284	12897554	1.51	cps
Rhodium	103-1	3549280	3453595	3532154	3511676	1.45	cps
Rhodium	103-2	1624272	1629320	1582428	1612007	1.60	cps
Scandium	45-1	3797011	3663942	3748294	3736416	1.80	cps
Scandium	45-2	160321	160810	155429	158853	1.87	cps
Selenium	77-2	13	7	23	14	58.06	cps
Selenium	78-2	17	11	17	15	21.67	cps
Selenium	82-1	-3082	-3836	-4191	-3703	-15.30	cps
Silicon	28-1	63436762	63831104	63408795	63558887	0.37	cps
Silver	109-1	300	200	283	261	20.52	cps
Silver	107-1	292	275	267	278	4.58	cps
Sodium	23-2	1046675990	1069091857	1071741391	1062503079	1.30	cps
Strontium	86-1	2576144	2517520	2494435	2529366	1.67	cps
Strontium	88-1	22876257	22443423	22349262	22556314	1.25	cps
Sulfur	34-1	6286511	6201592	6152789	6213631	1.09	cps
Terbium	159-1	6618433	6400556	6548256	6522415	1.71	cps
Terbium	159-2	2860352	2868067	2779215	2835878	1.74	cps
Thallium	203-1	50	50	83	61	31.50	cps
Thallium	205-1	175	175	158	169	5.68	cps
Tin	118-1	1042	967	1208	1072	11.54	cps
Titanium	47-1	11021	12014	11688	11574	4.37	cps
Uranium	238-1	14542	12924	13232	13566	6.33	cps
Vanadium	51-2	3027	3127	3264	3139	3.79	cps
Yttrium	89-1	4591543	4477246	4568151	4545646	1.33	cps
Yttrium	89-2	592118	594952	579000	588690	1.45	cps
Zinc	66-2	1007	967	1030	1001	3.20	cps
Zirconium	90-1	833	842	783	820	3.85	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-27DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z11	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:36:17	DataFile Name :	064SMPL_P7121217 M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	158	133	144	8.81	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-28DLX2 Instrumnet Name : P7
 Client Sample ID : MA4Z12 Dilution Factor : 2
 Date & Time Acquired :: 2017-12-12 17:39:52 DataFile Name : 065SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10212	9645	10304	10054	3.55	cps
Antimony	121-1	1133	1117	1142	1131	1.13	cps
Arsenic	75-2	106	94	111	104	8.18	cps
Barium	135-1	6177	6227	6018	6141	1.77	cps
Barium	137-1	10563	10488	10129	10393	2.23	cps
Beryllium	9-1	406	400	456	420	7.28	cps
Bismuth	209-1	4000507	3946180	3914605	3953764	1.10	cps
Bismuth	209-2	2006008	1978152	1966502	1983554	1.02	cps
Boron	10-1	258022	259327	263309	260219	1.06	cps
Boron	11-1	1214276	1209508	1218768	1214184	0.38	cps
Cadmium	111-1	1777	1606	1556	1646	7.05	cps
Cadmium	106-1	2525	2309	2200	2345	7.06	cps
Cadmium	108-1	46	50	25	40	33.25	cps
Calcium	43-1	1329385	1313077	1305560	1316007	0.93	cps
Calcium	44-1	21104929	20755636	20747275	20869280	0.98	cps
Chromium	52-2	3060	3167	3134	3120	1.75	cps
Cobalt	59-2	310	333	393	346	12.44	cps
Copper	63-2	10667	11164	10491	10774	3.24	cps
Dysprosium	156-1	292	192	208	231	23.24	cps
Dysprosium	156-2	110	97	53	87	34.19	cps
Erbium	164-1	167	158	192	172	10.07	cps
Erbium	164-2	60	107	100	89	28.40	cps
Gadolinium	160-1	208	250	217	225	9.80	cps
Gadolinium	160-2	140	140	137	139	1.38	cps
Holmium	165-1	6687472	6672550	6603189	6654403	0.68	cps
Holmium	165-2	2932978	2890121	2894175	2905758	0.81	cps
Indium	115-1	4411126	4403220	4345902	4386749	0.81	cps
Indium	115-2	726344	718632	714802	719926	0.82	cps
Iron	56-2	277722	281561	278840	279374	0.71	cps
Iron	57-2	8836	8820	8769	8808	0.39	cps
Lead	206-1	4445	4551	4551	4516	1.35	cps
Lead	207-1	4040	3601	3323	3654	9.89	cps
Lead	208-1	17594	16849	16910	17118	2.42	cps
Lithium	6-1	5537294	5501105	5517178	5518526	0.33	cps
Magnesium	24-2	45503377	45700247	45538355	45580660	0.23	cps
Manganese	55-2	14014	14377	13907	14099	1.75	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-28DLX2 Instrumnet Name : P7
 Client Sample ID : MA4Z12 Dilution Factor : 2
 Date & Time Acquired :: 2017-12-12 17:39:52 DataFile Name : 065SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2850	2609	3025	2828	7.40	cps
Molybdenum	95-1	4518	4626	4142	4429	5.73	cps
Molybdenum	96-1	4709	4976	3909	4531	12.25	cps
Molybdenum	97-1	3292	3384	3351	3342	1.39	cps
Molybdenum	98-1	6377	6652	6677	6568	2.54	cps
Neodymium	150-1	307	307	340	318	6.06	cps
Neodymium	150-2	110	117	127	118	7.12	cps
Nickel	60-2	920	853	953	909	5.60	cps
Phosphorus	31-2	358	392	442	397	10.56	cps
Potassium	39-2	8971086	8993398	8945952	8970145	0.26	cps
Rhodium	103-1	3653130	3629425	3598283	3626946	0.76	cps
Rhodium	103-2	1629936	1607447	1598848	1612077	1.00	cps
Scandium	45-1	3862697	3848352	3827534	3846194	0.46	cps
Scandium	45-2	159633	155728	157024	157462	1.26	cps
Selenium	77-2	10	13	17	13	25.01	cps
Selenium	78-2	19	20	22	20	9.08	cps
Selenium	82-1	-4056	-4381	-4822	-4420	-8.70	cps
Silicon	28-1	65162887	64979956	65419256	65187366	0.34	cps
Silver	109-1	167	233	225	208	17.44	cps
Silver	107-1	267	233	258	253	6.86	cps
Sodium	23-2	734785666	741196050	736298250	737426655	0.45	cps
Strontium	86-1	1837771	1802142	1784773	1808229	1.49	cps
Strontium	88-1	16390055	16134387	16171621	16232021	0.85	cps
Sulfur	34-1	4689443	4626152	4617599	4644398	0.84	cps
Terbium	159-1	6734968	6680203	6631474	6682215	0.77	cps
Terbium	159-2	2826610	2798199	2788974	2804594	0.70	cps
Thallium	203-1	25	67	50	47	44.41	cps
Thallium	205-1	125	108	158	131	19.50	cps
Tin	118-1	1092	1175	892	1053	13.83	cps
Titanium	47-1	8253	8536	8186	8325	2.23	cps
Uranium	238-1	11431	10271	10421	10708	5.89	cps
Vanadium	51-2	2030	2054	2074	2052	1.06	cps
Yttrium	89-1	4664746	4636683	4624694	4642041	0.44	cps
Yttrium	89-2	588664	579791	573452	580636	1.32	cps
Zinc	66-2	1073	1020	1053	1049	2.57	cps
Zirconium	90-1	625	683	725	678	7.41	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-28DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z12	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:39:52	DataFile Name :	065SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	158	192	156	24.16	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-29DLX2 Instrumnet Name : P7
 Client Sample ID : MA4Z12D Dilution Factor : 2
 Date & Time Acquired :: 2017-12-12 17:43:26 DataFile Name : 066SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10571	9795	10379	10248	3.94	cps
Antimony	121-1	1167	1108	975	1083	9.07	cps
Arsenic	75-2	107	91	109	102	9.95	cps
Barium	135-1	6327	6160	5601	6029	6.30	cps
Barium	137-1	10538	10613	10146	10432	2.40	cps
Beryllium	9-1	367	439	356	387	11.69	cps
Bismuth	209-1	3842430	3867463	3783672	3831188	1.12	cps
Bismuth	209-2	1968430	2037103	2002201	2002578	1.71	cps
Boron	10-1	251347	254142	252583	252690	0.55	cps
Boron	11-1	1172194	1176386	1191604	1180061	0.87	cps
Cadmium	111-1	1524	1476	1613	1538	4.51	cps
Cadmium	106-1	2200	2125	2300	2209	3.98	cps
Cadmium	108-1	58	46	38	47	22.20	cps
Calcium	43-1	1288728	1277183	1267340	1277750	0.84	cps
Calcium	44-1	20398239	20315829	20272277	20328782	0.31	cps
Chromium	52-2	3340	3357	3230	3309	2.08	cps
Cobalt	59-2	317	367	343	342	7.31	cps
Copper	63-2	10864	10854	10597	10772	1.40	cps
Dysprosium	156-1	217	192	217	208	6.93	cps
Dysprosium	156-2	97	40	87	74	40.63	cps
Erbium	164-1	258	150	192	200	27.32	cps
Erbium	164-2	83	63	100	82	22.33	cps
Gadolinium	160-1	317	258	225	267	17.40	cps
Gadolinium	160-2	147	173	127	149	15.73	cps
Holmium	165-1	6454423	6456541	6344795	6418587	1.00	cps
Holmium	165-2	2880474	3009731	2933314	2941173	2.21	cps
Indium	115-1	4278040	4267270	4215764	4253691	0.78	cps
Indium	115-2	713189	740588	722109	725296	1.93	cps
Iron	56-2	287948	287694	291597	289079	0.76	cps
Iron	57-2	8981	9059	9520	9186	3.17	cps
Lead	206-1	4151	4212	4473	4279	4.00	cps
Lead	207-1	3873	3284	3756	3638	8.57	cps
Lead	208-1	16977	16471	16982	16810	1.75	cps
Lithium	6-1	5442267	5448978	5359862	5417036	0.92	cps
Magnesium	24-2	45179555	45673466	45923981	45592334	0.83	cps
Manganese	55-2	14020	14374	14431	14275	1.56	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-29DLX2 Instrumnet Name : P7
 Client Sample ID : MA4Z12D Dilution Factor : 2
 Date & Time Acquired :: 2017-12-12 17:43:26 DataFile Name : 066SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2717	2467	2909	2698	8.21	cps
Molybdenum	95-1	4609	4509	4201	4440	4.80	cps
Molybdenum	96-1	4067	4326	4451	4281	4.57	cps
Molybdenum	97-1	3426	3376	2917	3239	8.65	cps
Molybdenum	98-1	6477	6593	6202	6424	3.13	cps
Neodymium	150-1	347	220	240	269	25.32	cps
Neodymium	150-2	110	103	107	107	3.12	cps
Nickel	60-2	923	910	897	910	1.47	cps
Phosphorus	31-2	450	450	400	433	6.66	cps
Potassium	39-2	8913816	8974941	9060175	8982977	0.82	cps
Rhodium	103-1	3548956	3552468	3480609	3527345	1.15	cps
Rhodium	103-2	1611014	1666044	1634673	1637244	1.69	cps
Scandium	45-1	3799166	3719982	3655993	3725047	1.93	cps
Scandium	45-2	154074	164838	160071	159661	3.38	cps
Selenium	77-2	17	10	10	12	31.50	cps
Selenium	78-2	30	11	13	18	56.99	cps
Selenium	82-1	-4070	-4640	-4873	-4528	-9.14	cps
Silicon	28-1	65566912	66245374	65850664	65887650	0.52	cps
Silver	109-1	125	142	192	153	22.71	cps
Silver	107-1	242	167	208	206	18.28	cps
Sodium	23-2	732755483	740206383	746282350	739748072	0.92	cps
Strontium	86-1	1762367	1758071	1756554	1758997	0.17	cps
Strontium	88-1	15741417	15721599	15613396	15692137	0.44	cps
Sulfur	34-1	4546831	4496934	4498852	4514206	0.63	cps
Terbium	159-1	6484831	6468071	6345237	6432713	1.18	cps
Terbium	159-2	2773051	2884970	2827578	2828533	1.98	cps
Thallium	203-1	67	25	42	44	47.19	cps
Thallium	205-1	158	117	100	125	24.03	cps
Tin	118-1	1033	858	1025	972	10.16	cps
Titanium	47-1	7594	8520	8394	8169	6.15	cps
Uranium	238-1	9779	10246	10830	10285	5.12	cps
Vanadium	51-2	2174	2030	2137	2114	3.52	cps
Yttrium	89-1	4534144	4521960	4432093	4496066	1.24	cps
Yttrium	89-2	580987	599033	586609	588876	1.57	cps
Zinc	66-2	1130	1047	1127	1101	4.28	cps
Zirconium	90-1	625	567	658	617	7.52	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-29DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z12D	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:43:26	DataFile Name :	066SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	125	117	139	22.72	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-28LDLX10 Instrumnet Name : P7
 Client Sample ID : MA4Z12L Dilution Factor : 10
 Date & Time Acquired :: 2017-12-12 17:46:59 DataFile Name : 067SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1942	2000	2409	2117	12.01	cps
Antimony	121-1	425	442	392	419	6.07	cps
Arsenic	75-2	19	35	31	28	30.82	cps
Barium	135-1	1133	1208	1300	1214	6.88	cps
Barium	137-1	2475	2225	2117	2273	8.09	cps
Beryllium	9-1	350	339	322	337	4.15	cps
Bismuth	209-1	4497594	4467626	4509127	4491449	0.48	cps
Bismuth	209-2	2336963	2403703	2238718	2326461	3.57	cps
Boron	10-1	65442	64287	66380	65370	1.60	cps
Boron	11-1	300275	303277	305830	303127	0.92	cps
Cadmium	111-1	1786	1703	1728	1739	2.46	cps
Cadmium	106-1	2584	2434	2484	2500	3.06	cps
Cadmium	108-1	50	25	33	36	35.25	cps
Calcium	43-1	270075	272339	274868	272428	0.88	cps
Calcium	44-1	4594276	4639335	4635477	4623029	0.54	cps
Chromium	52-2	837	827	803	822	2.08	cps
Cobalt	59-2	90	123	120	111	16.52	cps
Copper	63-2	3854	3761	3847	3821	1.36	cps
Dysprosium	156-1	42	92	50	61	43.83	cps
Dysprosium	156-2	13	27	33	24	41.66	cps
Erbium	164-1	92	50	75	72	29.04	cps
Erbium	164-2	20	27	33	27	24.99	cps
Gadolinium	160-1	92	25	75	64	54.31	cps
Gadolinium	160-2	33	60	37	43	33.53	cps
Holmium	165-1	7081705	7019196	7180553	7093818	1.15	cps
Holmium	165-2	3229362	3314451	3108345	3217386	3.22	cps
Indium	115-1	4795802	4786282	4856936	4813007	0.80	cps
Indium	115-2	817172	834520	787318	813004	2.94	cps
Iron	56-2	63158	63225	62723	63035	0.43	cps
Iron	57-2	1989	1867	2078	1978	5.36	cps
Lead	206-1	1122	1039	1050	1070	4.23	cps
Lead	207-1	789	828	845	820	3.48	cps
Lead	208-1	4206	3967	3950	4041	3.54	cps
Lithium	6-1	5905079	5892052	5949051	5915394	0.50	cps
Magnesium	24-2	9622246	9567140	9712228	9633871	0.76	cps
Manganese	55-2	2924	3044	3324	3097	6.63	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-28LDLX10 Instrumnet Name : P7
 Client Sample ID : MA4Z12L Dilution Factor : 10
 Date & Time Acquired :: 2017-12-12 17:46:59 DataFile Name : 067SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	592	742	592	642	13.50	cps
Molybdenum	95-1	1158	1058	1017	1078	6.76	cps
Molybdenum	96-1	1050	958	1192	1067	11.02	cps
Molybdenum	97-1	833	950	758	847	11.40	cps
Molybdenum	98-1	1342	1425	1775	1514	15.19	cps
Neodymium	150-1	40	53	87	60	40.06	cps
Neodymium	150-2	43	17	23	28	49.95	cps
Nickel	60-2	507	450	473	477	5.97	cps
Phosphorus	31-2	308	358	325	331	7.70	cps
Potassium	39-2	1899197	1899138	1916783	1905039	0.53	cps
Rhodium	103-1	4045051	4040234	4101499	4062261	0.84	cps
Rhodium	103-2	1876530	1926812	1814008	1872450	3.02	cps
Scandium	45-1	4021103	4067626	4128202	4072311	1.32	cps
Scandium	45-2	173125	182182	166175	173828	4.62	cps
Selenium	77-2	0	10	0	3	173.21	cps
Selenium	78-2	9	15	28	17	54.99	cps
Selenium	82-1	-3238	-2942	-3187	-3122	-5.06	cps
Silicon	28-1	65493499	65940568	65444768	65626279	0.42	cps
Silver	109-1	75	100	108	94	18.37	cps
Silver	107-1	117	100	117	111	8.66	cps
Sodium	23-2	155878353	155476053	156647416	156000608	0.38	cps
Strontium	86-1	374332	373529	371617	373159	0.37	cps
Strontium	88-1	3294943	3286416	3289333	3290231	0.13	cps
Sulfur	34-1	1856805	1854586	1861026	1857472	0.18	cps
Terbium	159-1	7107266	7092098	7210276	7136547	0.90	cps
Terbium	159-2	3121447	3181833	3009250	3104177	2.82	cps
Thallium	203-1	58	8	67	44	70.99	cps
Thallium	205-1	83	92	92	89	5.41	cps
Tin	118-1	442	433	342	406	13.68	cps
Titanium	47-1	2125	1942	2209	2092	6.52	cps
Uranium	238-1	2225	2159	2259	2214	2.30	cps
Vanadium	51-2	693	580	793	689	15.49	cps
Yttrium	89-1	4991745	4963983	5036386	4997371	0.73	cps
Yttrium	89-2	647170	661314	621780	643421	3.11	cps
Zinc	66-2	360	373	270	334	16.81	cps
Zirconium	90-1	492	400	425	439	10.80	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-28LDLX10	Instrumnet Name :	P7
Client Sample ID :	MA4Z12L	Dilution Factor :	10
Date & Time Acquired ::	2017-12-12 17:46:59	DataFile Name :	067SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	83	117	89	28.64	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-30DLX2 Instrumnet Name : P7
 Client Sample ID : MA4Z12S Dilution Factor : 2
 Date & Time Acquired :: 2017-12-12 17:50:33 DataFile Name : 068SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	79294	78900	81505	79900	1.76	cps
Antimony	121-1	182598	182758	182860	182739	0.07	cps
Arsenic	75-2	2285	2324	2465	2358	4.01	cps
Barium	135-1	916123	905886	908692	910234	0.58	cps
Barium	137-1	1589044	1584597	1598987	1590876	0.46	cps
Beryllium	9-1	58223	58485	58619	58442	0.34	cps
Bismuth	209-1	3940435	3882515	4054511	3959154	2.21	cps
Bismuth	209-2	2077163	2102769	2109706	2096546	0.82	cps
Boron	10-1	261574	266797	270414	266262	1.67	cps
Boron	11-1	1230091	1248560	1270330	1249660	1.61	cps
Cadmium	111-1	20620	20029	20823	20491	2.01	cps
Cadmium	106-1	4334	3667	4009	4004	8.33	cps
Cadmium	108-1	1275	1417	1388	1360	5.50	cps
Calcium	43-1	1363013	1359825	1355579	1359472	0.27	cps
Calcium	44-1	21608603	21528703	21717164	21618156	0.44	cps
Chromium	52-2	129516	131156	133232	131301	1.42	cps
Cobalt	59-2	468220	475855	484108	476061	1.67	cps
Copper	63-2	169142	172800	174729	172223	1.65	cps
Dysprosium	156-1	267	250	175	231	21.18	cps
Dysprosium	156-2	110	87	113	103	14.06	cps
Erbium	164-1	225	283	267	258	11.63	cps
Erbium	164-2	90	100	90	93	6.19	cps
Gadolinium	160-1	283	208	217	236	17.41	cps
Gadolinium	160-2	147	117	110	124	15.70	cps
Holmium	165-1	6490563	6429800	6863531	6594631	3.56	cps
Holmium	165-2	3040161	3079865	3085520	3068515	0.81	cps
Indium	115-1	4352077	4280847	4495311	4376078	2.50	cps
Indium	115-2	755161	758241	757603	757001	0.21	cps
Iron	56-2	793496	808541	812724	804921	1.26	cps
Iron	57-2	22156	21794	22323	22091	1.22	cps
Lead	206-1	37899	37136	37164	37399	1.16	cps
Lead	207-1	32045	33175	34412	33211	3.56	cps
Lead	208-1	149587	150770	149469	149942	0.48	cps
Lithium	6-1	5498292	5485792	5683602	5555895	1.99	cps
Magnesium	24-2	48698965	49219116	49940747	49286276	1.27	cps
Manganese	55-2	185621	190583	191815	189340	1.73	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-30DLX2 Instrumnet Name : P7
 Client Sample ID : MA4Z12S Dilution Factor : 2
 Date & Time Acquired :: 2017-12-12 17:50:33 DataFile Name : 068SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2709	2692	2742	2714	0.94	cps
Molybdenum	95-1	4409	4743	4843	4665	4.87	cps
Molybdenum	96-1	4676	4501	4409	4529	2.99	cps
Molybdenum	97-1	3292	3150	3409	3284	3.94	cps
Molybdenum	98-1	6877	7010	7010	6966	1.11	cps
Neodymium	150-1	380	460	520	453	15.49	cps
Neodymium	150-2	143	127	87	119	24.50	cps
Nickel	60-2	117106	119714	121911	119577	2.01	cps
Phosphorus	31-2	475	400	483	453	10.14	cps
Potassium	39-2	9574691	9732342	9814134	9707056	1.25	cps
Rhodium	103-1	3570932	3554618	3742045	3622532	2.87	cps
Rhodium	103-2	1677128	1700397	1709558	1695694	0.99	cps
Scandium	45-1	3838349	3773332	3995138	3868940	2.95	cps
Scandium	45-2	166150	166716	164957	165941	0.54	cps
Selenium	77-2	70	110	110	97	23.89	cps
Selenium	78-2	396	381	378	385	2.54	cps
Selenium	82-1	-140	-355	-641	-379	-66.36	cps
Silicon	28-1	66227322	65874068	65562970	65888120	0.50	cps
Silver	109-1	86548	85970	84058	85526	1.52	cps
Silver	107-1	91118	89332	89860	90103	1.02	cps
Sodium	23-2	784157934	796220951	808132368	796170418	1.51	cps
Strontium	86-1	1877048	1867672	1881491	1875404	0.38	cps
Strontium	88-1	16641240	16669998	16795763	16702334	0.49	cps
Sulfur	34-1	4753264	4766411	4823979	4781218	0.79	cps
Terbium	159-1	6504807	6507758	6889415	6633993	3.33	cps
Terbium	159-2	2918602	2969785	2975545	2954644	1.06	cps
Thallium	203-1	101586	101653	102853	102031	0.70	cps
Thallium	205-1	247354	244095	243101	244850	0.91	cps
Tin	118-1	1075	1000	1100	1058	4.92	cps
Titanium	47-1	8169	7936	8745	8283	5.03	cps
Uranium	238-1	11906	10496	10588	10997	7.17	cps
Vanadium	51-2	275707	281646	285443	280932	1.75	cps
Yttrium	89-1	4597281	4551324	4797616	4648740	2.82	cps
Yttrium	89-2	605472	616758	614756	612329	0.98	cps
Zinc	66-2	42682	43635	43976	43431	1.54	cps
Zirconium	90-1	800	717	625	714	12.26	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-30DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z12S	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:50:33	DataFile Name :	068SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	208	233	258	233	10.71	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-31DLX2 Instrumnet Name : P7
 Client Sample ID : MA4Z13 Dilution Factor : 2
 Date & Time Acquired :: 2017-12-12 17:54:07 DataFile Name : 069SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2109	1984	1850	1981	6.52	cps
Antimony	121-1	1200	1200	1342	1247	6.56	cps
Arsenic	75-2	131	167	128	142	15.12	cps
Barium	135-1	4943	5110	4926	4993	2.03	cps
Barium	137-1	8878	8978	8970	8942	0.62	cps
Beryllium	9-1	317	450	461	409	19.64	cps
Bismuth	209-1	3664151	3669521	3631708	3655127	0.56	cps
Bismuth	209-2	1890016	1868332	1900631	1886326	0.87	cps
Boron	10-1	366416	371750	368695	368954	0.73	cps
Boron	11-1	1717388	1735431	1735197	1729339	0.60	cps
Cadmium	111-1	1733	1455	1558	1582	8.88	cps
Cadmium	106-1	2500	2092	2259	2284	8.99	cps
Cadmium	108-1	67	38	75	60	32.97	cps
Calcium	43-1	1836600	1828334	1805236	1823390	0.89	cps
Calcium	44-1	28840688	28734332	28636812	28737277	0.35	cps
Chromium	52-2	1037	953	960	983	4.71	cps
Cobalt	59-2	153	167	193	171	11.90	cps
Copper	63-2	3577	3621	3621	3606	0.69	cps
Dysprosium	156-1	75	50	75	67	21.65	cps
Dysprosium	156-2	17	17	23	19	20.36	cps
Erbium	164-1	92	50	42	61	43.83	cps
Erbium	164-2	20	13	33	22	45.83	cps
Gadolinium	160-1	67	75	58	67	12.49	cps
Gadolinium	160-2	50	60	33	48	28.20	cps
Holmium	165-1	6193870	6206188	6139072	6179710	0.58	cps
Holmium	165-2	2802733	2767237	2823134	2797701	1.01	cps
Indium	115-1	4114285	4101549	4074104	4096646	0.50	cps
Indium	115-2	695206	684519	699475	693067	1.11	cps
Iron	56-2	64581	62098	62706	63129	2.05	cps
Iron	57-2	4467	4595	4401	4488	2.20	cps
Lead	206-1	978	989	867	945	7.16	cps
Lead	207-1	839	733	939	837	12.28	cps
Lead	208-1	3806	3823	3756	3795	0.91	cps
Lithium	6-1	5314736	5333663	5273620	5307340	0.58	cps
Magnesium	24-2	67489514	67097818	67819808	67469047	0.54	cps
Manganese	55-2	8276	8162	8556	8331	2.43	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-31DLX2 Instrumnet Name : P7
 Client Sample ID : MA4Z13 Dilution Factor : 2
 Date & Time Acquired :: 2017-12-12 17:54:07 DataFile Name : 069SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3509	3134	3559	3401	6.83	cps
Molybdenum	95-1	6102	6410	6302	6271	2.50	cps
Molybdenum	96-1	5927	5968	5785	5893	1.63	cps
Molybdenum	97-1	4634	4726	4384	4581	3.86	cps
Molybdenum	98-1	8886	9270	9028	9062	2.14	cps
Neodymium	150-1	47	47	53	49	7.88	cps
Neodymium	150-2	3	13	3	7	86.65	cps
Nickel	60-2	717	757	860	778	9.51	cps
Phosphorus	31-2	308	383	525	406	27.13	cps
Potassium	39-2	13214558	13184175	13387990	13262241	0.83	cps
Rhodium	103-1	3385731	3393743	3351427	3376967	0.67	cps
Rhodium	103-2	1550860	1526260	1553964	1543695	0.98	cps
Scandium	45-1	3627381	3648108	3596615	3624034	0.71	cps
Scandium	45-2	155860	152427	156244	154844	1.36	cps
Selenium	77-2	7	13	20	13	49.99	cps
Selenium	78-2	13	17	11	14	20.85	cps
Selenium	82-1	-4662	-5110	-5934	-5235	-12.33	cps
Silicon	28-1	63916187	63766241	63803026	63828485	0.12	cps
Silver	109-1	158	225	183	189	17.83	cps
Silver	107-1	158	167	233	186	22.09	cps
Sodium	23-2	1097562558	1092491858	1108065425	1099373280	0.72	cps
Strontium	86-1	2599412	2579851	2565043	2581435	0.67	cps
Strontium	88-1	23075664	22995179	22902037	22990960	0.38	cps
Sulfur	34-1	6383669	6364779	6350347	6366265	0.26	cps
Terbium	159-1	6222232	6227213	6146286	6198577	0.73	cps
Terbium	159-2	2716779	2666963	2742110	2708617	1.41	cps
Thallium	203-1	67	75	75	72	6.66	cps
Thallium	205-1	117	133	83	111	22.91	cps
Tin	118-1	833	925	992	917	8.67	cps
Titanium	47-1	2992	3351	3342	3228	6.34	cps
Uranium	238-1	13841	13541	14267	13883	2.63	cps
Vanadium	51-2	2130	2067	1957	2051	4.28	cps
Yttrium	89-1	4401254	4390107	4335369	4375577	0.81	cps
Yttrium	89-2	566155	560595	569067	565272	0.76	cps
Zinc	66-2	507	453	520	493	7.15	cps
Zirconium	90-1	492	658	600	583	14.50	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-31DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z13	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:54:07	DataFile Name :	069SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	208	208	183	23.62	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-35DLX2 Instrumnet Name : P7
 Client Sample ID : MA4Z37 Dilution Factor : 2
 Date & Time Acquired :: 2017-12-12 17:57:40 DataFile Name : 070SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2434	2926	2600	2653	9.43	cps
Antimony	121-1	1550	1250	1358	1386	10.96	cps
Arsenic	75-2	102	139	119	120	15.49	cps
Barium	135-1	4826	4701	4901	4809	2.10	cps
Barium	137-1	7853	7986	8086	7975	1.47	cps
Beryllium	9-1	317	322	378	339	9.97	cps
Bismuth	209-1	3710052	3618623	3732248	3686974	1.63	cps
Bismuth	209-2	1572187	1853517	1866265	1763990	9.42	cps
Boron	10-1	390115	389517	385532	388388	0.64	cps
Boron	11-1	1846965	1826414	1818207	1830529	0.81	cps
Cadmium	111-1	1532	1556	1687	1592	5.24	cps
Cadmium	106-1	2209	2250	2400	2286	4.41	cps
Cadmium	108-1	79	63	38	60	35.12	cps
Calcium	43-1	1955546	1903964	1896634	1918714	1.67	cps
Calcium	44-1	30620337	30111820	29733279	30155145	1.48	cps
Chromium	52-2	847	973	840	887	8.47	cps
Cobalt	59-2	173	167	170	170	1.96	cps
Copper	63-2	4107	4147	3981	4078	2.13	cps
Dysprosium	156-1	42	42	58	47	20.38	cps
Dysprosium	156-2	30	13	27	23	37.81	cps
Erbium	164-1	100	50	83	78	32.73	cps
Erbium	164-2	37	30	33	33	10.01	cps
Gadolinium	160-1	125	83	25	78	64.58	cps
Gadolinium	160-2	43	33	43	40	14.43	cps
Holmium	165-1	6302931	6159303	6338781	6267005	1.52	cps
Holmium	165-2	2341654	2770375	2772820	2628283	9.44	cps
Indium	115-1	4164781	4060594	4176082	4133819	1.54	cps
Indium	115-2	577284	686854	684985	649708	9.65	cps
Iron	56-2	70446	70173	70028	70216	0.30	cps
Iron	57-2	5023	5001	4918	4981	1.12	cps
Lead	206-1	1122	1161	1267	1183	6.32	cps
Lead	207-1	1139	989	983	1037	8.51	cps
Lead	208-1	4895	4495	4717	4702	4.26	cps
Lithium	6-1	5382720	5287477	5432297	5367498	1.37	cps
Magnesium	24-2	70311833	70631056	70424777	70455888	0.23	cps
Manganese	55-2	6998	6598	6431	6676	4.36	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-35DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z37	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:57:40	DataFile Name :	070SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3584	3409	3584	3526	2.87	cps
Molybdenum	95-1	6952	6810	6560	6774	2.93	cps
Molybdenum	96-1	6460	6052	6485	6332	3.84	cps
Molybdenum	97-1	4968	5168	4909	5015	2.70	cps
Molybdenum	98-1	9862	9453	9320	9545	2.96	cps
Neodymium	150-1	47	93	60	67	36.06	cps
Neodymium	150-2	13	30	20	21	39.75	cps
Nickel	60-2	750	710	750	737	3.13	cps
Phosphorus	31-2	267	375	317	319	16.97	cps
Potassium	39-2	13852060	13888125	13876224	13872137	0.13	cps
Rhodium	103-1	3422693	3350561	3450831	3408028	1.52	cps
Rhodium	103-2	1297743	1531973	1528914	1452876	9.25	cps
Scandium	45-1	3702957	3588783	3775691	3689144	2.55	cps
Scandium	45-2	127576	155459	154745	145927	10.89	cps
Selenium	77-2	7	27	13	16	65.47	cps
Selenium	78-2	17	4	9	10	65.88	cps
Selenium	82-1	-6136	-6806	-7792	-6911	-12.05	cps
Silicon	28-1	64460179	64466162	64904329	64610223	0.39	cps
Silver	109-1	117	117	158	131	18.43	cps
Silver	107-1	175	158	175	169	5.68	cps
Sodium	23-2	1144734892	1150148126	1146250792	1147044603	0.24	cps
Strontium	86-1	2772697	2708401	2689315	2723471	1.60	cps
Strontium	88-1	24635844	24125347	24012607	24257933	1.37	cps
Sulfur	34-1	6847781	6675005	6609137	6710641	1.84	cps
Terbium	159-1	6339452	6167159	6370576	6292396	1.74	cps
Terbium	159-2	2257929	2680480	2697898	2545436	9.79	cps
Thallium	203-1	33	50	8	31	68.64	cps
Thallium	205-1	100	83	58	81	26.03	cps
Tin	118-1	725	758	883	789	10.58	cps
Titanium	47-1	4167	3909	3892	3990	3.87	cps
Uranium	238-1	14892	14275	13324	14164	5.58	cps
Vanadium	51-2	2067	2107	2040	2071	1.62	cps
Yttrium	89-1	4431599	4328279	4477959	4412612	1.74	cps
Yttrium	89-2	474049	560817	560641	531836	9.41	cps
Zinc	66-2	460	493	517	490	5.81	cps
Zirconium	90-1	467	617	650	578	16.90	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-35DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z37	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 17:57:40	DataFile Name :	070SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	133	167	133	25.00	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-36DLX2 Instrumnet Name : P7
 Client Sample ID : MA4Z38 Dilution Factor : 2
 Date & Time Acquired :: 2017-12-12 18:01:14 DataFile Name : 071SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1650	1775	1675	1700	3.89	cps
Antimony	121-1	1442	1258	1483	1395	8.58	cps
Arsenic	75-2	124	111	130	122	7.82	cps
Barium	135-1	4459	4634	4551	4548	1.93	cps
Barium	137-1	7411	7677	7444	7511	1.94	cps
Beryllium	9-1	261	261	250	257	2.49	cps
Bismuth	209-1	3531074	3497123	3535211	3521136	0.59	cps
Bismuth	209-2	1883399	1860291	1872406	1872032	0.62	cps
Boron	10-1	359924	361093	356469	359162	0.67	cps
Boron	11-1	1688773	1723992	1700553	1704439	1.05	cps
Cadmium	111-1	1424	1480	1281	1395	7.38	cps
Cadmium	106-1	2059	2109	1884	2017	5.86	cps
Cadmium	108-1	67	42	96	68	39.84	cps
Calcium	43-1	1797740	1792719	1773596	1788018	0.71	cps
Calcium	44-1	28224390	28420640	28057195	28234075	0.64	cps
Chromium	52-2	870	847	823	847	2.76	cps
Cobalt	59-2	153	150	203	169	17.69	cps
Copper	63-2	3357	3807	3677	3614	6.41	cps
Dysprosium	156-1	83	25	50	53	55.46	cps
Dysprosium	156-2	10	27	13	17	52.93	cps
Erbium	164-1	58	42	42	47	20.38	cps
Erbium	164-2	30	23	17	23	28.56	cps
Gadolinium	160-1	75	83	92	83	10.00	cps
Gadolinium	160-2	60	43	47	50	17.64	cps
Holmium	165-1	5925751	5957704	5996697	5960051	0.60	cps
Holmium	165-2	2800289	2773987	2801615	2791964	0.56	cps
Indium	115-1	3957212	3971183	3985913	3971436	0.36	cps
Indium	115-2	694452	689055	693662	692389	0.42	cps
Iron	56-2	54381	53637	53771	53930	0.74	cps
Iron	57-2	4178	4390	4690	4419	5.81	cps
Lead	206-1	995	772	783	850	14.73	cps
Lead	207-1	739	789	594	707	14.27	cps
Lead	208-1	3561	3400	3228	3397	4.91	cps
Lithium	6-1	5147132	5176914	5170744	5164930	0.30	cps
Magnesium	24-2	66653149	66739033	67837364	67076515	0.98	cps
Manganese	55-2	6321	6345	6495	6387	1.47	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-36DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z38	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 18:01:14	DataFile Name :	071SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3142	3301	3267	3237	2.58	cps
Molybdenum	95-1	5993	5918	6077	5996	1.32	cps
Molybdenum	96-1	5851	5626	5868	5782	2.33	cps
Molybdenum	97-1	4718	4701	4159	4526	7.02	cps
Molybdenum	98-1	8570	9162	8945	8892	3.37	cps
Neodymium	150-1	73	27	67	56	45.43	cps
Neodymium	150-2	23	23	17	21	18.21	cps
Nickel	60-2	713	720	800	744	6.48	cps
Phosphorus	31-2	367	400	433	400	8.33	cps
Potassium	39-2	13172339	13259691	13431706	13287912	0.99	cps
Rhodium	103-1	3266367	3279137	3301836	3282447	0.55	cps
Rhodium	103-2	1555563	1549311	1559868	1554914	0.34	cps
Scandium	45-1	3522148	3471680	3595313	3529714	1.76	cps
Scandium	45-2	157763	153192	155596	155517	1.47	cps
Selenium	77-2	20	7	10	12	56.76	cps
Selenium	78-2	15	9	28	17	54.99	cps
Selenium	82-1	-6529	-7490	-7958	-7325	-9.95	cps
Silicon	28-1	65269689	65726333	66151812	65715945	0.67	cps
Silver	109-1	75	125	142	114	30.46	cps
Silver	107-1	83	167	150	133	33.07	cps
Sodium	23-2	1088534958	1096348025	1105344691	1096742558	0.77	cps
Strontium	86-1	2538420	2553726	2507669	2533272	0.93	cps
Strontium	88-1	22602543	22796608	22409254	22602802	0.86	cps
Sulfur	34-1	6253372	6296925	6187011	6245769	0.89	cps
Terbium	159-1	5995966	5985061	6038194	6006407	0.47	cps
Terbium	159-2	2710075	2685283	2688745	2694701	0.50	cps
Thallium	203-1	67	8	75	50	72.65	cps
Thallium	205-1	100	92	58	83	26.46	cps
Tin	118-1	667	783	750	733	8.19	cps
Titanium	47-1	3226	3159	2950	3112	4.61	cps
Uranium	238-1	12915	12765	14242	13307	6.11	cps
Vanadium	51-2	1937	1870	2060	1956	4.93	cps
Yttrium	89-1	4246062	4250665	4277236	4257988	0.40	cps
Yttrium	89-2	569147	567450	567463	568020	0.17	cps
Zinc	66-2	450	400	450	433	6.66	cps
Zirconium	90-1	350	433	592	458	26.78	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-36DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z38	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 18:01:14	DataFile Name :	071SMPL_P7121217 M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	125	108	111	11.46	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-37DLX2 Instrumnet Name : P7
 Client Sample ID : MA4Z57 Dilution Factor : 2
 Date & Time Acquired :: 2017-12-12 18:04:49 DataFile Name : 072SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2934	2434	2275	2548	13.49	cps
Antimony	121-1	1367	1192	1225	1261	7.37	cps
Arsenic	75-2	154	96	124	125	23.02	cps
Barium	135-1	5810	5201	4968	5326	8.16	cps
Barium	137-1	9620	9679	9337	9545	1.92	cps
Beryllium	9-1	294	411	333	346	17.15	cps
Bismuth	209-1	3874086	3844264	3788075	3835475	1.14	cps
Bismuth	209-2	1981006	2021383	2019616	2007335	1.14	cps
Boron	10-1	347182	350883	348530	348865	0.54	cps
Boron	11-1	1632293	1646955	1636265	1638504	0.46	cps
Cadmium	111-1	1657	1466	1592	1572	6.17	cps
Cadmium	106-1	2384	2117	2350	2284	6.36	cps
Cadmium	108-1	58	58	100	72	33.31	cps
Calcium	43-1	1747391	1734078	1714289	1731919	0.96	cps
Calcium	44-1	27604413	27606892	27274344	27495217	0.70	cps
Chromium	52-2	1090	1003	1017	1037	4.50	cps
Cobalt	59-2	140	170	150	153	9.96	cps
Copper	63-2	4447	4274	4361	4361	1.99	cps
Dysprosium	156-1	67	92	67	75	19.24	cps
Dysprosium	156-2	23	77	40	47	58.47	cps
Erbium	164-1	75	42	100	72	40.52	cps
Erbium	164-2	27	17	23	22	22.91	cps
Gadolinium	160-1	75	117	75	89	27.07	cps
Gadolinium	160-2	47	33	70	50	37.12	cps
Holmium	165-1	6526336	6489503	6529515	6515118	0.34	cps
Holmium	165-2	2954547	3025424	3021297	3000422	1.33	cps
Indium	115-1	4369237	4376988	4296200	4347475	1.03	cps
Indium	115-2	735937	750100	753657	746565	1.26	cps
Iron	56-2	77806	78760	77303	77956	0.95	cps
Iron	57-2	4329	4895	4934	4719	7.18	cps
Lead	206-1	1539	1439	1283	1420	9.07	cps
Lead	207-1	1056	1039	1022	1039	1.60	cps
Lead	208-1	5245	5401	4973	5206	4.16	cps
Lithium	6-1	5558632	5513858	5463856	5512115	0.86	cps
Magnesium	24-2	63585914	63890899	63504666	63660493	0.32	cps
Manganese	55-2	8846	9273	9073	9064	2.36	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-37DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z57	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 18:04:49	DataFile Name :	072SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3292	3417	3217	3309	3.05	cps
Molybdenum	95-1	6018	5826	5902	5915	1.63	cps
Molybdenum	96-1	5935	6260	6060	6085	2.70	cps
Molybdenum	97-1	4543	5059	4701	4768	5.55	cps
Molybdenum	98-1	8570	8628	8811	8670	1.46	cps
Neodymium	150-1	107	80	87	91	15.23	cps
Neodymium	150-2	23	33	27	28	18.33	cps
Nickel	60-2	720	793	760	758	4.85	cps
Phosphorus	31-2	358	375	408	381	6.69	cps
Potassium	39-2	12599525	12750776	12661000	12670433	0.60	cps
Rhodium	103-1	3616747	3598132	3566039	3593639	0.71	cps
Rhodium	103-2	1648191	1681680	1686846	1672239	1.25	cps
Scandium	45-1	3848753	3841436	3822590	3837593	0.35	cps
Scandium	45-2	162281	166132	166198	164870	1.36	cps
Selenium	77-2	23	17	20	20	16.65	cps
Selenium	78-2	15	24	31	23	35.61	cps
Selenium	82-1	-6664	-7317	-7781	-7254	-7.73	cps
Silicon	28-1	65926881	66500547	66795787	66407738	0.67	cps
Silver	109-1	158	158	208	175	16.50	cps
Silver	107-1	217	175	150	181	18.65	cps
Sodium	23-2	1036148123	1047067623	1036976623	1040064123	0.58	cps
Strontium	86-1	2470629	2459095	2428828	2452850	0.88	cps
Strontium	88-1	21998785	21924039	21677616	21866813	0.77	cps
Sulfur	34-1	6095074	6104251	6020351	6073225	0.76	cps
Terbium	159-1	6597908	6551109	6502317	6550445	0.73	cps
Terbium	159-2	2856706	2918894	2905765	2893788	1.13	cps
Thallium	203-1	33	42	42	39	12.38	cps
Thallium	205-1	33	67	33	44	43.31	cps
Tin	118-1	558	783	858	733	21.29	cps
Titanium	47-1	3326	3484	3342	3384	2.57	cps
Uranium	238-1	13057	13091	12882	13010	0.86	cps
Vanadium	51-2	2060	2090	1933	2028	4.10	cps
Yttrium	89-1	4657224	4654141	4578865	4630077	0.96	cps
Yttrium	89-2	600758	613405	611834	608666	1.13	cps
Zinc	66-2	727	753	750	743	1.95	cps
Zirconium	90-1	525	517	442	494	9.28	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-37DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z57	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 18:04:49	DataFile Name :	072SMPL_P7121217 M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	67	108	97	27.55	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-38DLX2 Instrumnet Name : P7
 Client Sample ID : MA4Z58 Dilution Factor : 2
 Date & Time Acquired :: 2017-12-12 18:08:23 DataFile Name : 073SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4593	4843	4659	4698	2.76	cps
Antimony	121-1	1417	1367	1275	1353	5.31	cps
Arsenic	75-2	93	117	139	116	19.95	cps
Barium	135-1	5101	5018	5101	5073	0.95	cps
Barium	137-1	9128	9379	9012	9173	2.04	cps
Beryllium	9-1	250	300	222	257	15.31	cps
Bismuth	209-1	3794845	3801013	3714328	3770062	1.28	cps
Bismuth	209-2	1944927	1961043	1965876	1957282	0.56	cps
Boron	10-1	366874	370504	368870	368749	0.49	cps
Boron	11-1	1746359	1747757	1737743	1743953	0.31	cps
Cadmium	111-1	1722	1763	1516	1667	7.96	cps
Cadmium	106-1	2442	2550	2192	2395	7.68	cps
Cadmium	108-1	42	79	63	61	30.74	cps
Calcium	43-1	1864479	1833855	1827442	1841925	1.07	cps
Calcium	44-1	29486665	29206999	29048560	29247408	0.76	cps
Chromium	52-2	1717	1757	1797	1757	2.28	cps
Cobalt	59-2	203	200	267	223	16.82	cps
Copper	63-2	6698	6638	6648	6662	0.48	cps
Dysprosium	156-1	100	100	125	108	13.33	cps
Dysprosium	156-2	53	53	63	57	10.19	cps
Erbium	164-1	133	142	83	119	26.41	cps
Erbium	164-2	60	70	30	53	39.03	cps
Gadolinium	160-1	100	125	83	103	20.41	cps
Gadolinium	160-2	87	60	53	67	26.46	cps
Holmium	165-1	6427342	6446942	6329326	6401203	0.98	cps
Holmium	165-2	2911182	2921080	2943381	2925214	0.56	cps
Indium	115-1	4313743	4342390	4211659	4289264	1.60	cps
Indium	115-2	725286	727916	740883	731362	1.14	cps
Iron	56-2	130924	131049	133942	131972	1.29	cps
Iron	57-2	6218	6363	6491	6357	2.14	cps
Lead	206-1	2356	2400	2589	2448	5.06	cps
Lead	207-1	2022	2028	1800	1950	6.66	cps
Lead	208-1	9252	9146	9157	9185	0.63	cps
Lithium	6-1	5422008	5458070	5335768	5405282	1.16	cps
Magnesium	24-2	66974120	67056737	68866862	67632573	1.58	cps
Manganese	55-2	8893	8930	9010	8944	0.67	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-38DLX2 Instrumnet Name : P7
 Client Sample ID : MA4Z58 Dilution Factor : 2
 Date & Time Acquired :: 2017-12-12 18:08:23 DataFile Name : 073SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3484	3125	3567	3392	6.92	cps
Molybdenum	95-1	6085	5810	6635	6177	6.80	cps
Molybdenum	96-1	5885	6435	6510	6277	5.44	cps
Molybdenum	97-1	4876	4984	4651	4837	3.52	cps
Molybdenum	98-1	9095	9487	9320	9301	2.11	cps
Neodymium	150-1	120	127	147	131	10.58	cps
Neodymium	150-2	37	47	57	47	21.43	cps
Nickel	60-2	853	807	860	840	3.46	cps
Phosphorus	31-2	450	417	483	450	7.41	cps
Potassium	39-2	13359624	13316791	13752304	13476240	1.78	cps
Rhodium	103-1	3551365	3599620	3490938	3547308	1.54	cps
Rhodium	103-2	1617384	1624972	1645385	1629247	0.89	cps
Scandium	45-1	3820502	3862614	3739577	3807564	1.64	cps
Scandium	45-2	161957	162062	164091	162703	0.74	cps
Selenium	77-2	17	10	13	13	25.01	cps
Selenium	78-2	7	13	11	10	26.93	cps
Selenium	82-1	-6918	-7535	-8155	-7536	-8.20	cps
Silicon	28-1	66465668	66881585	66431612	66592955	0.38	cps
Silver	109-1	175	125	183	161	19.58	cps
Silver	107-1	183	250	183	206	18.73	cps
Sodium	23-2	1089633958	1092592224	1121361692	1101195958	1.59	cps
Strontium	86-1	2649436	2603857	2590995	2614763	1.17	cps
Strontium	88-1	23729373	23431674	23214149	23458399	1.10	cps
Sulfur	34-1	6491916	6432697	6412000	6445538	0.64	cps
Terbium	159-1	6503260	6554271	6394663	6484064	1.26	cps
Terbium	159-2	2824466	2814598	2848719	2829261	0.62	cps
Thallium	203-1	42	50	25	39	32.73	cps
Thallium	205-1	83	92	58	78	22.30	cps
Tin	118-1	1108	925	917	983	11.02	cps
Titanium	47-1	5376	5076	4601	5018	7.79	cps
Uranium	238-1	14192	14100	14091	14128	0.39	cps
Vanadium	51-2	2237	2004	2094	2111	5.57	cps
Yttrium	89-1	4611001	4656960	4507430	4591797	1.67	cps
Yttrium	89-2	592587	592151	607202	597314	1.43	cps
Zinc	66-2	647	600	667	638	5.36	cps
Zirconium	90-1	433	542	533	503	11.99	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-38DLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z58	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 18:08:23	DataFile Name :	073SMPL_P7121217 M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	75	167	131	37.40	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : CCV037 Instrumnet Name : P7
 Client Sample ID : CCV037 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 18:15:32 DataFile Name : 074CCV_P7121217 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3021582	3024495	2993167	3013081	0.57	cps
Antimony	121-1	1806032	1813068	1806713	1808604	0.21	cps
Arsenic	75-2	48594	48830	48915	48780	0.34	cps
Barium	135-1	2171603	2169526	2156036	2165722	0.39	cps
Barium	137-1	3815407	3799548	3793144	3802700	0.30	cps
Beryllium	9-1	1031159	1031196	1019901	1027418	0.63	cps
Bismuth	209-1	4381556	4319040	4362266	4354287	0.74	cps
Bismuth	209-2	2163379	2236160	2147796	2182445	2.16	cps
Boron	10-1	125871	127803	129308	127661	1.35	cps
Boron	11-1	570924	576094	582533	576517	1.01	cps
Cadmium	111-1	411037	413678	414156	412957	0.41	cps
Cadmium	106-1	49513	51260	50859	50544	1.81	cps
Cadmium	108-1	32976	32366	32638	32660	0.94	cps
Calcium	43-1	3369530	3360954	3342150	3357545	0.42	cps
Calcium	44-1	52647357	52458918	52480250	52528842	0.20	cps
Chromium	52-2	555318	555657	550587	553854	0.51	cps
Cobalt	59-2	826123	818610	822700	822478	0.46	cps
Copper	63-2	1116209	1121596	1112523	1116776	0.41	cps
Dysprosium	156-1	33	58	58	50	28.88	cps
Dysprosium	156-2	10	10	17	12	31.50	cps
Erbium	164-1	25	50	42	39	32.73	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	42	50	25	39	32.73	cps
Gadolinium	160-2	17	27	33	26	32.81	cps
Holmium	165-1	6928348	6842928	6900205	6890494	0.63	cps
Holmium	165-2	3026091	3092793	3003824	3040902	1.52	cps
Indium	115-1	4553537	4498401	4532138	4528025	0.61	cps
Indium	115-2	725769	745491	720766	730675	1.79	cps
Iron	56-2	110237277	110473364	109659847	110123496	0.38	cps
Iron	57-2	2637432	2639349	2630242	2635674	0.18	cps
Lead	206-1	1634754	1646994	1636326	1639358	0.41	cps
Lead	207-1	1474104	1474219	1468461	1472261	0.22	cps
Lead	208-1	6657037	6667672	6638732	6654480	0.22	cps
Lithium	6-1	5351420	5288983	5315576	5318660	0.59	cps
Magnesium	24-2	39130529	38939268	38758991	38942929	0.48	cps
Manganese	55-2	601605	604623	600765	602331	0.34	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCV037	Instrumnet Name :	P7
Client Sample ID :	CCV037	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 18:15:32	DataFile Name :	074CCV_P7121217 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3280713	3274545	3235623	3263627	0.75	cps
Molybdenum	95-1	4008571	3976152	3961534	3982086	0.60	cps
Molybdenum	96-1	4429664	4420815	4396042	4415507	0.39	cps
Molybdenum	97-1	2468808	2482067	2454793	2468556	0.55	cps
Molybdenum	98-1	6554942	6542147	6462647	6519912	0.77	cps
Neodymium	150-1	260	227	273	253	9.49	cps
Neodymium	150-2	27	7	27	20	57.73	cps
Nickel	60-2	210832	208530	208608	209324	0.62	cps
Phosphorus	31-2	27226	25715	25923	26288	3.12	cps
Potassium	39-2	12353891	12385356	12286600	12341949	0.41	cps
Rhodium	103-1	3767481	3703563	3745297	3738780	0.87	cps
Rhodium	103-2	1662683	1705432	1650054	1672723	1.74	cps
Scandium	45-1	3784873	3737798	3762621	3761764	0.63	cps
Scandium	45-2	152071	155964	150906	152980	1.73	cps
Selenium	77-2	990	1000	1060	1017	3.72	cps
Selenium	78-2	3419	3430	3421	3423	0.17	cps
Selenium	82-1	23562	23380	23839	23594	0.98	cps
Silicon	28-1	57990203	57624762	57737749	57784238	0.32	cps
Silver	109-1	1891983	1898474	1877403	1889286	0.57	cps
Silver	107-1	1978700	1977508	1963818	1973342	0.42	cps
Sodium	23-2	76595520	76618102	76103210	76438944	0.38	cps
Strontium	86-1	556589	552528	559300	556139	0.61	cps
Strontium	88-1	4969887	4908541	4909296	4929241	0.71	cps
Sulfur	34-1	907460	899731	891204	899465	0.90	cps
Terbium	159-1	6919565	6907145	6937339	6921350	0.22	cps
Terbium	159-2	2893030	2974294	2875512	2914279	1.81	cps
Thallium	203-1	2017465	2002654	1994649	2004923	0.58	cps
Thallium	205-1	4863732	4869867	4862065	4865221	0.08	cps
Tin	118-1	1398094	1390634	1383133	1390620	0.54	cps
Titanium	47-1	1490085	1477295	1462377	1476586	0.94	cps
Uranium	238-1	7214432	7230812	7200496	7215247	0.21	cps
Vanadium	51-2	468081	466436	467003	467173	0.18	cps
Yttrium	89-1	4724345	4663151	4712838	4700111	0.69	cps
Yttrium	89-2	575226	592450	574091	580589	1.77	cps
Zinc	66-2	146291	146209	146742	146414	0.20	cps
Zirconium	90-1	2767044	2777616	2747835	2764165	0.55	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCV037	Instrumnet Name :	P7
Client Sample ID :	CCV037	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 18:15:32	DataFile Name :	074CCV_P7121217 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	615168	609644	603693	609502	0.94	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : CCB037 Instrumnet Name : P7
 Client Sample ID : CCB037 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 18:25:20 DataFile Name : 075CCBE_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	42	75	64	30.12	cps
Antimony	121-1	992	875	842	903	8.72	cps
Arsenic	75-2	4	6	4	4	24.86	cps
Barium	135-1	58	50	17	42	52.91	cps
Barium	137-1	67	50	25	47	44.41	cps
Beryllium	9-1	872	772	900	848	7.92	cps
Bismuth	209-1	4775529	4799415	4848147	4807697	0.77	cps
Bismuth	209-2	2381791	2419887	2354847	2385508	1.37	cps
Boron	10-1	7627	7744	7894	7755	1.73	cps
Boron	11-1	33421	34824	33204	33817	2.60	cps
Cadmium	111-1	1583	1494	1657	1578	5.16	cps
Cadmium	106-1	2250	2142	2417	2270	6.10	cps
Cadmium	108-1	25	25	50	33	43.30	cps
Calcium	43-1	375	383	317	358	10.14	cps
Calcium	44-1	228208	225361	226365	226644	0.64	cps
Chromium	52-2	107	127	183	139	28.63	cps
Cobalt	59-2	73	77	107	86	21.46	cps
Copper	63-2	1343	1403	1410	1386	2.65	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	3	0	10	4	114.60	cps
Gadolinium	160-1	50	33	42	42	20.00	cps
Gadolinium	160-2	20	17	13	17	20.01	cps
Holmium	165-1	7016142	7036052	7090734	7047643	0.55	cps
Holmium	165-2	3061812	3107201	3033538	3067517	1.21	cps
Indium	115-1	4823912	4814576	4851175	4829888	0.39	cps
Indium	115-2	772090	783914	770625	775543	0.94	cps
Iron	56-2	6402	6140	6290	6277	2.09	cps
Iron	57-2	183	200	194	193	4.41	cps
Lead	206-1	722	667	600	663	9.23	cps
Lead	207-1	617	500	517	544	11.59	cps
Lead	208-1	2645	2445	2400	2496	5.22	cps
Lithium	6-1	5611232	5614404	5637184	5620940	0.25	cps
Magnesium	24-2	3342	3784	3601	3576	6.21	cps
Manganese	55-2	97	147	117	120	20.97	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCB037	Instrumnet Name :	P7
Client Sample ID :	CCB037	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 18:25:20	DataFile Name :	075CCBE_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	342	433	442	406	13.68	cps
Molybdenum	95-1	300	317	342	319	6.57	cps
Molybdenum	96-1	508	375	308	397	25.64	cps
Molybdenum	97-1	308	275	200	261	21.25	cps
Molybdenum	98-1	542	617	442	533	16.46	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	737	623	660	673	8.59	cps
Phosphorus	31-2	208	242	183	211	13.86	cps
Potassium	39-2	43749	44167	43289	43735	1.00	cps
Rhodium	103-1	4139495	4115604	4142075	4132392	0.35	cps
Rhodium	103-2	1835012	1856647	1820131	1837263	1.00	cps
Scandium	45-1	3868167	3848101	3900577	3872282	0.68	cps
Scandium	45-2	153754	160549	153783	156028	2.51	cps
Selenium	77-2	20	30	20	23	24.74	cps
Selenium	78-2	106	76	83	88	17.47	cps
Selenium	82-1	2	44	151	66	116.54	cps
Silicon	28-1	58805039	58761924	58920180	58829048	0.14	cps
Silver	109-1	100	150	175	142	26.96	cps
Silver	107-1	158	92	175	142	31.13	cps
Sodium	23-2	1104420	1106018	1104054	1104831	0.09	cps
Strontium	86-1	225	233	158	206	20.00	cps
Strontium	88-1	542	383	392	439	20.30	cps
Sulfur	34-1	675217	675313	671141	673891	0.35	cps
Terbium	159-1	7086342	7062854	7123020	7090739	0.43	cps
Terbium	159-2	2945822	2994976	2931721	2957506	1.12	cps
Thallium	203-1	267	175	150	197	31.14	cps
Thallium	205-1	408	550	467	475	14.99	cps
Tin	118-1	817	983	625	808	22.18	cps
Titanium	47-1	642	483	617	581	14.66	cps
Uranium	238-1	50	50	133	78	61.86	cps
Vanadium	51-2	83	83	130	99	27.24	cps
Yttrium	89-1	4834867	4820321	4873048	4842745	0.56	cps
Yttrium	89-2	594738	600743	587153	594211	1.15	cps
Zinc	66-2	213	253	247	238	9.01	cps
Zirconium	90-1	717	633	500	617	17.72	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCB037	Instrumnet Name :	P7
Client Sample ID :	CCB037	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 18:25:20	DataFile Name :	075CCBE_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	83	67	100	44.10	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-28A Instrumnet Name : P7
 Client Sample ID : MA4Z12A Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 18:28:52 DataFile Name : 076SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17611	17236	17761	17536	1.54	cps
Antimony	121-1	2992	2642	2559	2731	8.42	cps
Arsenic	75-2	196	165	161	174	11.11	cps
Barium	135-1	10513	11080	10579	10724	2.89	cps
Barium	137-1	17871	18029	18588	18163	2.08	cps
Beryllium	9-1	639	567	789	665	17.05	cps
Bismuth	209-1	3532781	3532814	3474822	3513472	0.95	cps
Bismuth	209-2	1814368	1876568	1866538	1852492	1.80	cps
Boron	10-1	423391	432564	435814	430590	1.50	cps
Boron	11-1	1984986	2021871	2054470	2020442	1.72	cps
Cadmium	111-1	1563	1518	1399	1493	5.68	cps
Cadmium	106-1	2209	2092	1950	2084	6.21	cps
Cadmium	108-1	29	54	29	38	38.49	cps
Calcium	43-1	2260103	2272781	2280829	2271237	0.46	cps
Calcium	44-1	35280870	35561305	35587766	35476647	0.48	cps
Chromium	52-2	5474	5978	5891	5781	4.66	cps
Cobalt	59-2	537	683	663	628	12.67	cps
Copper	63-2	17851	18265	17811	17976	1.40	cps
Dysprosium	156-1	475	392	400	422	10.87	cps
Dysprosium	156-2	133	163	203	167	21.07	cps
Erbium	164-1	358	250	350	319	18.87	cps
Erbium	164-2	140	190	130	153	20.96	cps
Gadolinium	160-1	442	325	450	406	17.23	cps
Gadolinium	160-2	197	153	217	189	17.14	cps
Holmium	165-1	5863979	5960874	5803864	5876239	1.35	cps
Holmium	165-2	2719172	2798281	2778081	2765178	1.49	cps
Indium	115-1	3832175	3881573	3840984	3851577	0.68	cps
Indium	115-2	663440	682644	678480	674855	1.50	cps
Iron	56-2	496953	502761	505124	501612	0.84	cps
Iron	57-2	16343	16738	16671	16584	1.27	cps
Lead	206-1	7625	7730	7930	7762	2.00	cps
Lead	207-1	6541	6352	6580	6491	1.88	cps
Lead	208-1	29992	29853	30286	30044	0.74	cps
Lithium	6-1	4949843	5022433	5035209	5002495	0.92	cps
Magnesium	24-2	81202521	82260337	82614689	82025849	0.90	cps
Manganese	55-2	25840	25893	25966	25900	0.25	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-28A	Instrumnet Name :	P7
Client Sample ID :	MA4Z12A	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 18:28:52	DataFile Name :	076SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5034	4734	4901	4890	3.07	cps
Molybdenum	95-1	7694	7794	7469	7652	2.18	cps
Molybdenum	96-1	7352	7444	7461	7419	0.79	cps
Molybdenum	97-1	5393	6127	5743	5754	6.38	cps
Molybdenum	98-1	11255	11572	11272	11366	1.57	cps
Neodymium	150-1	453	580	493	509	12.72	cps
Neodymium	150-2	180	170	200	183	8.33	cps
Nickel	60-2	1597	1520	1607	1575	3.01	cps
Phosphorus	31-2	608	733	575	639	13.07	cps
Potassium	39-2	16099833	16352969	16465438	16306080	1.15	cps
Rhodium	103-1	3129061	3166479	3117950	3137830	0.81	cps
Rhodium	103-2	1473663	1511605	1504383	1496550	1.35	cps
Scandium	45-1	3355133	3425766	3296222	3359040	1.93	cps
Scandium	45-2	148869	150168	151701	150246	0.94	cps
Selenium	77-2	7	13	7	9	43.25	cps
Selenium	78-2	15	26	22	21	26.98	cps
Selenium	82-1	-2440	-3442	-3804	-3229	-21.89	cps
Silicon	28-1	64061237	64609833	64899151	64523407	0.66	cps
Silver	109-1	925	675	825	808	15.57	cps
Silver	107-1	1042	933	717	897	18.44	cps
Sodium	23-2	1321094096	1342090630	1346947730	1336710819	1.03	cps
Strontium	86-1	3100981	3123470	3121947	3115466	0.40	cps
Strontium	88-1	27608124	27676447	27893016	27725862	0.54	cps
Sulfur	34-1	7269844	7281159	7371291	7307431	0.76	cps
Terbium	159-1	5918704	5969985	5880873	5923187	0.76	cps
Terbium	159-2	2621574	2689527	2674020	2661707	1.34	cps
Thallium	203-1	208	183	133	175	21.82	cps
Thallium	205-1	575	433	408	472	19.03	cps
Tin	118-1	1609	1542	1742	1631	6.25	cps
Titanium	47-1	15826	15117	15042	15328	2.82	cps
Uranium	238-1	18247	18831	18172	18417	1.96	cps
Vanadium	51-2	3334	3544	3564	3480	3.66	cps
Yttrium	89-1	4084288	4122709	4071126	4092708	0.65	cps
Yttrium	89-2	544455	557741	555061	552419	1.27	cps
Zinc	66-2	1787	1720	1783	1763	2.13	cps
Zirconium	90-1	2584	2317	2250	2384	7.40	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-28A	Instrumnet Name :	P7
Client Sample ID :	MA4Z12A	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 18:28:52	DataFile Name :	076SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	683	483	400	522	27.88	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6694-28ADLX2 Instrumnet Name : P7
 Client Sample ID : MA4Z12A Dilution Factor : 2
 Date & Time Acquired :: 2017-12-12 18:32:27 DataFile Name : 077SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9337	9020	9036	9131	1.95	cps
Antimony	121-1	1559	1442	1458	1486	4.25	cps
Arsenic	75-2	89	111	91	97	12.72	cps
Barium	135-1	5726	6093	6018	5946	3.26	cps
Barium	137-1	10896	10763	10029	10563	4.42	cps
Beryllium	9-1	567	600	678	615	9.27	cps
Bismuth	209-1	3899116	3880303	3738626	3839348	2.29	cps
Bismuth	209-2	1876284	1896430	1883911	1885542	0.54	cps
Boron	10-1	251208	249140	246289	248879	0.99	cps
Boron	11-1	1166246	1166857	1144068	1159057	1.12	cps
Cadmium	111-1	1598	1490	1477	1522	4.36	cps
Cadmium	106-1	2275	2125	2092	2164	4.51	cps
Cadmium	108-1	46	50	29	42	26.45	cps
Calcium	43-1	1276569	1269042	1244799	1263470	1.31	cps
Calcium	44-1	20236870	20054278	19656760	19982636	1.48	cps
Chromium	52-2	3080	3034	2964	3026	1.94	cps
Cobalt	59-2	330	357	383	357	7.48	cps
Copper	63-2	9850	9880	10187	9972	1.87	cps
Dysprosium	156-1	192	233	158	194	19.33	cps
Dysprosium	156-2	97	67	90	84	18.65	cps
Erbium	164-1	175	200	225	200	12.50	cps
Erbium	164-2	60	77	63	67	13.23	cps
Gadolinium	160-1	242	200	258	233	12.88	cps
Gadolinium	160-2	137	100	153	130	20.99	cps
Holmium	165-1	6598404	6529886	6255645	6461312	2.81	cps
Holmium	165-2	2756733	2772699	2770040	2766491	0.31	cps
Indium	115-1	4353684	4290057	4153824	4265855	2.39	cps
Indium	115-2	680263	680811	683622	681565	0.26	cps
Iron	56-2	260187	259397	262682	260755	0.66	cps
Iron	57-2	8030	8241	8631	8301	3.67	cps
Lead	206-1	4434	4084	4345	4288	4.24	cps
Lead	207-1	3845	3734	3362	3647	6.94	cps
Lead	208-1	17160	16755	16177	16697	2.96	cps
Lithium	6-1	5439929	5414985	5257029	5370648	1.85	cps
Magnesium	24-2	42235416	42286197	42310144	42277252	0.09	cps
Manganese	55-2	13423	13189	13413	13342	0.99	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-28ADLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z12A	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 18:32:27	DataFile Name :	077SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3075	2825	2850	2917	4.72	cps
Molybdenum	95-1	4651	4443	4276	4456	4.22	cps
Molybdenum	96-1	4384	4193	4401	4326	2.68	cps
Molybdenum	97-1	3542	3526	3942	3670	6.43	cps
Molybdenum	98-1	6210	6827	6568	6535	4.74	cps
Neodymium	150-1	260	307	213	260	17.95	cps
Neodymium	150-2	143	110	87	113	25.13	cps
Nickel	60-2	1027	997	1193	1072	9.88	cps
Phosphorus	31-2	442	517	417	458	11.36	cps
Potassium	39-2	8335939	8356446	8339648	8344011	0.13	cps
Rhodium	103-1	3592477	3538703	3432682	3521287	2.31	cps
Rhodium	103-2	1523046	1532805	1538145	1531332	0.50	cps
Scandium	45-1	3771159	3707611	3580866	3686546	2.63	cps
Scandium	45-2	146439	146785	148211	147145	0.64	cps
Selenium	77-2	7	7	7	7	0.00	cps
Selenium	78-2	13	19	15	15	18.35	cps
Selenium	82-1	-3306	-3696	-3952	-3651	-8.91	cps
Silicon	28-1	64521904	64864541	64683441	64689962	0.26	cps
Silver	109-1	233	233	125	197	31.71	cps
Silver	107-1	292	242	142	225	33.94	cps
Sodium	23-2	686833799	684464532	684212799	685170376	0.21	cps
Strontium	86-1	1759864	1754262	1710021	1741382	1.57	cps
Strontium	88-1	15762061	15706059	15318814	15595645	1.55	cps
Sulfur	34-1	4499692	4470208	4372963	4447621	1.49	cps
Terbium	159-1	6621918	6547373	6325018	6498103	2.38	cps
Terbium	159-2	2656835	2670299	2674846	2667327	0.35	cps
Thallium	203-1	117	92	67	92	27.27	cps
Thallium	205-1	233	142	225	200	25.35	cps
Tin	118-1	1200	950	1125	1092	11.75	cps
Titanium	47-1	7769	8311	7611	7897	4.65	cps
Uranium	238-1	10463	10288	10004	10252	2.26	cps
Vanadium	51-2	2127	1880	2074	2027	6.40	cps
Yttrium	89-1	4583952	4533593	4386815	4501453	2.28	cps
Yttrium	89-2	546541	546528	547560	546876	0.11	cps
Zinc	66-2	1177	987	983	1049	10.55	cps
Zirconium	90-1	1142	1050	817	1003	16.71	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6694-28ADLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z12A	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 18:32:27	DataFile Name :	077SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	383	242	250	292	27.26	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6695-10A Instrumnet Name : P7
 Client Sample ID : MA4Z17A Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 18:46:27 DataFile Name : 078SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5968	7952	5676	6532	18.96	cps
Antimony	121-1	1959	1775	1909	1881	5.04	cps
Arsenic	75-2	131	156	128	138	10.91	cps
Barium	135-1	10705	10546	10871	10707	1.52	cps
Barium	137-1	18705	19239	18638	18861	1.75	cps
Beryllium	9-1	500	367	478	448	15.94	cps
Bismuth	209-1	3569773	3502876	3436352	3503000	1.90	cps
Bismuth	209-2	1765934	1767771	1761251	1764985	0.19	cps
Boron	10-1	423971	420816	423163	422650	0.39	cps
Boron	11-1	2005040	1976116	1993101	1991419	0.73	cps
Cadmium	111-1	1633	1347	1416	1465	10.19	cps
Cadmium	106-1	2267	1917	2009	2064	8.79	cps
Cadmium	108-1	29	58	63	50	36.32	cps
Calcium	43-1	2281557	2243384	2208215	2244385	1.63	cps
Calcium	44-1	35692876	34876045	34755592	35108171	1.45	cps
Chromium	52-2	1944	1967	1873	1928	2.52	cps
Cobalt	59-2	753	680	657	697	7.24	cps
Copper	63-2	7282	7429	7419	7376	1.11	cps
Dysprosium	156-1	142	125	133	133	6.25	cps
Dysprosium	156-2	43	83	57	61	33.33	cps
Erbium	164-1	117	100	167	128	27.15	cps
Erbium	164-2	37	37	53	42	22.78	cps
Gadolinium	160-1	175	167	183	175	4.76	cps
Gadolinium	160-2	53	67	80	67	20.00	cps
Holmium	165-1	6023971	5863555	5758198	5881908	2.28	cps
Holmium	165-2	2619172	2626945	2618371	2621496	0.18	cps
Indium	115-1	3941428	3852650	3787395	3860491	2.00	cps
Indium	115-2	645388	642989	640052	642810	0.42	cps
Iron	56-2	150514	150814	148318	149882	0.91	cps
Iron	57-2	7714	7491	7441	7549	1.93	cps
Lead	206-1	2645	2639	2539	2608	2.28	cps
Lead	207-1	2445	2128	2122	2232	8.27	cps
Lead	208-1	10952	10041	9980	10324	5.28	cps
Lithium	6-1	5111093	5035510	4923121	5023241	1.88	cps
Magnesium	24-2	76472516	76563241	76645120	76560293	0.11	cps
Manganese	55-2	19697	19637	19683	19672	0.16	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6695-10A	Instrumnet Name :	P7
Client Sample ID :	MA4Z17A	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 18:46:27	DataFile Name :	078SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4526	4684	4551	4587	1.86	cps
Molybdenum	95-1	7928	7702	7477	7702	2.92	cps
Molybdenum	96-1	7377	7452	7461	7430	0.62	cps
Molybdenum	97-1	5426	5685	5885	5665	4.06	cps
Molybdenum	98-1	10846	11255	10763	10955	2.40	cps
Neodymium	150-1	153	173	193	173	11.54	cps
Neodymium	150-2	83	53	67	68	22.18	cps
Nickel	60-2	1440	1587	1513	1513	4.85	cps
Phosphorus	31-2	425	483	517	475	9.77	cps
Potassium	39-2	15089872	15083664	15158450	15110662	0.27	cps
Rhodium	103-1	3238190	3161045	3099040	3166092	2.20	cps
Rhodium	103-2	1431243	1426325	1420887	1426152	0.36	cps
Scandium	45-1	3460307	3410293	3354650	3408417	1.55	cps
Scandium	45-2	140983	142070	140573	141209	0.55	cps
Selenium	77-2	20	20	10	17	34.64	cps
Selenium	78-2	22	17	19	19	14.77	cps
Selenium	82-1	-1672	-2783	-2985	-2480	-28.50	cps
Silicon	28-1	64220193	64905651	64485231	64537025	0.54	cps
Silver	109-1	483	367	358	403	17.35	cps
Silver	107-1	567	517	342	475	24.87	cps
Sodium	23-2	1247056561	1242784728	1247169661	1245670317	0.20	cps
Strontium	86-1	3133473	3039658	3052663	3075265	1.65	cps
Strontium	88-1	27824525	27101517	27116296	27347446	1.51	cps
Sulfur	34-1	7367672	7216471	7185248	7256463	1.34	cps
Terbium	159-1	6040408	5896528	5807386	5914774	1.99	cps
Terbium	159-2	2534613	2538701	2520577	2531297	0.38	cps
Thallium	203-1	242	200	233	225	9.80	cps
Thallium	205-1	350	367	492	403	19.22	cps
Tin	118-1	1092	1233	967	1097	12.16	cps
Titanium	47-1	6360	6760	6202	6441	4.47	cps
Uranium	238-1	18005	17955	18681	18214	2.23	cps
Vanadium	51-2	2667	2944	2964	2858	5.80	cps
Yttrium	89-1	4206081	4120757	4058888	4128575	1.79	cps
Yttrium	89-2	524768	525145	520161	523358	0.53	cps
Zinc	66-2	1190	1110	1157	1152	3.49	cps
Zirconium	90-1	1225	1150	1008	1128	9.76	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6695-10A	Instrumnet Name :	P7
Client Sample ID :	MA4Z17A	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 18:46:27	DataFile Name :	078SMPL_P7121217 M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	308	283	375	322	14.71	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6695-10ADLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z17A	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 18:50:01	DataFile Name :	079SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2992	3484	3309	3262	7.65	cps
Antimony	121-1	1242	1183	1200	1208	2.49	cps
Arsenic	75-2	91	76	78	81	9.90	cps
Barium	135-1	5626	5385	5568	5526	2.28	cps
Barium	137-1	10096	10179	9370	9882	4.50	cps
Beryllium	9-1	461	422	439	441	4.43	cps
Bismuth	209-1	3660698	3626253	3580500	3622484	1.11	cps
Bismuth	209-2	1849619	1865830	1884828	1866759	0.94	cps
Boron	10-1	221879	222547	221724	222050	0.20	cps
Boron	11-1	1019893	1034217	1035471	1029860	0.84	cps
Cadmium	111-1	1453	1451	1342	1415	4.48	cps
Cadmium	106-1	2059	2050	1900	2003	4.45	cps
Cadmium	108-1	25	38	25	29	24.74	cps
Calcium	43-1	1141400	1127606	1134774	1134593	0.61	cps
Calcium	44-1	18041497	17961883	17996931	18000103	0.22	cps
Chromium	52-2	1000	1073	1020	1031	3.68	cps
Cobalt	59-2	340	380	440	387	13.02	cps
Copper	63-2	4451	4494	4534	4493	0.93	cps
Dysprosium	156-1	108	67	133	103	32.77	cps
Dysprosium	156-2	20	20	33	24	31.49	cps
Erbium	164-1	50	83	42	58	37.80	cps
Erbium	164-2	43	37	20	33	36.05	cps
Gadolinium	160-1	92	117	67	92	27.27	cps
Gadolinium	160-2	43	63	47	51	20.96	cps
Holmium	165-1	6049386	6023416	5943777	6005527	0.92	cps
Holmium	165-2	2723268	2748332	2763611	2745071	0.74	cps
Indium	115-1	4037506	4012820	3965487	4005271	0.91	cps
Indium	115-2	669711	672876	680773	674453	0.84	cps
Iron	56-2	79481	79983	80252	79905	0.49	cps
Iron	57-2	3651	3617	4117	3795	7.37	cps
Lead	206-1	1417	1233	1433	1361	8.15	cps
Lead	207-1	1128	1183	1250	1187	5.16	cps
Lead	208-1	5590	5284	5445	5440	2.81	cps
Lithium	6-1	4991069	4974341	4937669	4967693	0.55	cps
Magnesium	24-2	39884300	39688785	40316472	39963186	0.80	cps
Manganese	55-2	10220	10737	10457	10472	2.47	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6695-10ADLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z17A	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 18:50:01	DataFile Name :	079SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2334	2409	2400	2381	1.73	cps
Molybdenum	95-1	3926	4126	4017	4023	2.49	cps
Molybdenum	96-1	3742	3776	3926	3815	2.56	cps
Molybdenum	97-1	2725	2900	2800	2809	3.13	cps
Molybdenum	98-1	5576	6227	5551	5785	6.62	cps
Neodymium	150-1	107	80	120	102	19.93	cps
Neodymium	150-2	27	43	50	40	30.04	cps
Nickel	60-2	1033	953	987	991	4.05	cps
Phosphorus	31-2	333	442	392	389	13.94	cps
Potassium	39-2	7840753	7829130	7974566	7881483	1.03	cps
Rhodium	103-1	3320380	3296087	3272549	3296338	0.73	cps
Rhodium	103-2	1504683	1520291	1530820	1518598	0.87	cps
Scandium	45-1	3480666	3425540	3399795	3435334	1.20	cps
Scandium	45-2	145546	144405	148576	146176	1.47	cps
Selenium	77-2	3	10	10	8	49.52	cps
Selenium	78-2	15	15	15	15	0.04	cps
Selenium	82-1	-3385	-3416	-3530	-3444	-2.22	cps
Silicon	28-1	64011776	63549749	63824231	63795252	0.36	cps
Silver	109-1	92	100	167	119	34.42	cps
Silver	107-1	125	192	250	189	33.11	cps
Sodium	23-2	643763214	644780298	653181215	647241576	0.80	cps
Strontium	86-1	1574896	1567257	1567079	1569744	0.28	cps
Strontium	88-1	14015720	14016470	14006968	14013053	0.04	cps
Sulfur	34-1	4040468	4038552	4031797	4036939	0.11	cps
Terbium	159-1	6148595	6074954	6001772	6075107	1.21	cps
Terbium	159-2	2629710	2636332	2667095	2644379	0.75	cps
Thallium	203-1	83	33	133	83	60.00	cps
Thallium	205-1	283	167	267	239	26.41	cps
Tin	118-1	733	700	633	689	7.39	cps
Titanium	47-1	3426	3292	2900	3206	8.51	cps
Uranium	238-1	8678	9195	9162	9012	3.21	cps
Vanadium	51-2	1717	1750	1723	1730	1.02	cps
Yttrium	89-1	4224408	4191704	4184135	4200082	0.51	cps
Yttrium	89-2	538602	541775	549451	543276	1.03	cps
Zinc	66-2	1827	1867	1827	1840	1.26	cps
Zirconium	90-1	692	608	600	633	8.00	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6695-10ADLX2	Instrumnet Name :	P7
Client Sample ID :	MA4Z17A	Dilution Factor :	2
Date & Time Acquired ::	2017-12-12 18:50:01	DataFile Name :	079SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	192	117	167	25.98	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : CCV038 Instrumnet Name : P7
 Client Sample ID : CCV038 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 18:56:40 DataFile Name : 080CCV_P7121217 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2736424	2749534	2738859	2741606	0.25	cps
Antimony	121-1	1614764	1600709	1609122	1608198	0.44	cps
Arsenic	75-2	44940	44850	44782	44857	0.18	cps
Barium	135-1	2029019	2020562	2024286	2024622	0.21	cps
Barium	137-1	3552842	3522967	3526599	3534136	0.46	cps
Beryllium	9-1	986355	977788	973852	979332	0.65	cps
Bismuth	209-1	4035142	4010211	4011234	4018862	0.35	cps
Bismuth	209-2	2007817	2031504	2022364	2020562	0.59	cps
Boron	10-1	113347	116807	116301	115485	1.62	cps
Boron	11-1	512459	519180	522275	517971	0.97	cps
Cadmium	111-1	382550	385723	383323	383865	0.43	cps
Cadmium	106-1	46419	47339	46202	46653	1.29	cps
Cadmium	108-1	30024	30642	30178	30281	1.06	cps
Calcium	43-1	3111586	3098266	3073454	3094435	0.63	cps
Calcium	44-1	48547550	47881559	47820246	48083118	0.84	cps
Chromium	52-2	509751	509466	507650	508956	0.22	cps
Cobalt	59-2	754065	755990	751713	753922	0.28	cps
Copper	63-2	1026455	1026758	1027142	1026785	0.03	cps
Dysprosium	156-1	50	42	42	44	10.82	cps
Dysprosium	156-2	17	13	17	16	12.40	cps
Erbium	164-1	17	33	17	22	43.28	cps
Erbium	164-2	27	3	13	14	81.07	cps
Gadolinium	160-1	33	50	25	36	35.25	cps
Gadolinium	160-2	13	7	30	17	72.11	cps
Holmium	165-1	6392749	6324591	6367512	6361618	0.54	cps
Holmium	165-2	2783474	2814229	2814154	2803952	0.63	cps
Indium	115-1	4181511	4177390	4154715	4171206	0.35	cps
Indium	115-2	667759	671791	673314	670954	0.43	cps
Iron	56-2	100211947	100324619	100570777	100369114	0.18	cps
Iron	57-2	2408543	2415253	2413424	2412407	0.14	cps
Lead	206-1	1547432	1534096	1531072	1537533	0.57	cps
Lead	207-1	1374961	1371898	1376370	1374410	0.17	cps
Lead	208-1	6235761	6187201	6210168	6211043	0.39	cps
Lithium	6-1	4869386	4853007	4838362	4853585	0.32	cps
Magnesium	24-2	35394922	35518601	35447892	35453805	0.18	cps
Manganese	55-2	550462	552725	555733	552973	0.48	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCV038	Instrumnet Name :	P7
Client Sample ID :	CCV038	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 18:56:40	DataFile Name :	080CCV_P7121217 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3028406	2989622	3032366	3016798	0.78	cps
Molybdenum	95-1	3703550	3676220	3691951	3690574	0.37	cps
Molybdenum	96-1	4092024	4073145	4075926	4080365	0.25	cps
Molybdenum	97-1	2288997	2284789	2268704	2280830	0.47	cps
Molybdenum	98-1	6006008	6020066	6020834	6015636	0.14	cps
Neodymium	150-1	193	187	167	182	7.62	cps
Neodymium	150-2	13	30	17	20	44.10	cps
Nickel	60-2	192523	192215	191837	192191	0.18	cps
Phosphorus	31-2	23778	25214	24880	24624	3.05	cps
Potassium	39-2	11202183	11240672	11259732	11234196	0.26	cps
Rhodium	103-1	3436779	3439629	3419399	3431936	0.32	cps
Rhodium	103-2	1526701	1538639	1547706	1537682	0.69	cps
Scandium	45-1	3455493	3442295	3379194	3425660	1.19	cps
Scandium	45-2	137544	139910	141255	139570	1.35	cps
Selenium	77-2	963	970	853	929	7.05	cps
Selenium	78-2	3060	3067	3100	3076	0.71	cps
Selenium	82-1	22160	22306	21959	22142	0.79	cps
Silicon	28-1	57066155	57107420	56605183	56926253	0.49	cps
Silver	109-1	1757457	1760631	1756996	1758361	0.11	cps
Silver	107-1	1839714	1826030	1826344	1830696	0.43	cps
Sodium	23-2	69428081	69571185	69493470	69497579	0.10	cps
Strontium	86-1	516010	514457	511365	513944	0.46	cps
Strontium	88-1	4564297	4530845	4520810	4538651	0.50	cps
Sulfur	34-1	858358	852828	848881	853355	0.56	cps
Terbium	159-1	6409426	6374838	6391097	6391787	0.27	cps
Terbium	159-2	2680455	2700937	2703470	2694954	0.47	cps
Thallium	203-1	1904460	1868454	1883738	1885551	0.96	cps
Thallium	205-1	4592400	4534537	4558304	4561747	0.64	cps
Tin	118-1	1304336	1297190	1296288	1299271	0.34	cps
Titanium	47-1	1359355	1355618	1347912	1354295	0.43	cps
Uranium	238-1	6731847	6706836	6683518	6707400	0.36	cps
Vanadium	51-2	428480	427693	426757	427643	0.20	cps
Yttrium	89-1	4307402	4299456	4266590	4291149	0.50	cps
Yttrium	89-2	530553	532115	532742	531803	0.21	cps
Zinc	66-2	133763	135444	134082	134430	0.66	cps
Zirconium	90-1	2571758	2539346	2552920	2554675	0.64	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCV038	Instrumnet Name :	P7
Client Sample ID :	CCV038	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 18:56:40	DataFile Name :	080CCV_P7121217 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	568002	558821	570407	565744	1.08	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCB038	Instrumnet Name :	P7
Client Sample ID :	CCB038	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 19:03:24	DataFile Name :	081CCBE_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	50	92	86	39.11	cps
Antimony	121-1	1425	1333	1500	1420	5.88	cps
Arsenic	75-2	13	13	17	14	15.09	cps
Barium	135-1	33	83	75	64	41.93	cps
Barium	137-1	58	100	92	83	26.46	cps
Beryllium	9-1	983	744	995	907	15.57	cps
Bismuth	209-1	4378573	4391212	4393198	4387661	0.18	cps
Bismuth	209-2	2211460	2214045	2168521	2198009	1.16	cps
Boron	10-1	7452	6894	6652	6999	5.87	cps
Boron	11-1	31784	31918	30598	31434	2.31	cps
Cadmium	111-1	1450	1383	1594	1476	7.29	cps
Cadmium	106-1	2067	1984	2292	2114	7.55	cps
Cadmium	108-1	25	25	21	24	10.20	cps
Calcium	43-1	267	342	250	286	17.07	cps
Calcium	44-1	217432	220781	223024	220412	1.28	cps
Chromium	52-2	110	133	140	128	12.33	cps
Cobalt	59-2	80	100	90	90	11.11	cps
Copper	63-2	1280	1250	1277	1269	1.30	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	8	25	25	19	49.50	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	8	0	8	6	86.60	cps
Gadolinium	160-2	23	20	10	18	39.03	cps
Holmium	165-1	6376608	6420615	6421325	6406183	0.40	cps
Holmium	165-2	2831402	2839724	2784979	2818701	1.05	cps
Indium	115-1	4366345	4404119	4414007	4394823	0.57	cps
Indium	115-2	717984	715572	703233	712263	1.11	cps
Iron	56-2	8175	8330	8091	8199	1.48	cps
Iron	57-2	250	222	228	233	6.30	cps
Lead	206-1	517	611	550	559	8.56	cps
Lead	207-1	444	467	483	465	4.20	cps
Lead	208-1	2200	2183	2245	2209	1.43	cps
Lithium	6-1	5016419	5048277	5106638	5057111	0.90	cps
Magnesium	24-2	3817	3826	3534	3726	4.46	cps
Manganese	55-2	157	127	130	138	11.93	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCB038	Instrumnet Name :	P7
Client Sample ID :	CCB038	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 19:03:24	DataFile Name :	081CCBE_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	675	533	617	608	11.71	cps
Molybdenum	95-1	400	475	575	483	18.17	cps
Molybdenum	96-1	642	642	583	622	5.41	cps
Molybdenum	97-1	450	308	333	364	20.78	cps
Molybdenum	98-1	908	917	750	858	10.94	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	597	543	633	591	7.66	cps
Phosphorus	31-2	200	233	242	225	9.80	cps
Potassium	39-2	41459	41810	41618	41629	0.42	cps
Rhodium	103-1	3722510	3762429	3757004	3747314	0.58	cps
Rhodium	103-2	1688073	1691129	1667230	1682144	0.77	cps
Scandium	45-1	3483110	3515527	3491262	3496633	0.48	cps
Scandium	45-2	142463	143157	140873	142164	0.82	cps
Selenium	77-2	10	43	30	28	60.40	cps
Selenium	78-2	124	89	106	106	16.58	cps
Selenium	82-1	10	26	18	18	45.18	cps
Silicon	28-1	58304337	58484262	58796216	58528271	0.43	cps
Silver	109-1	42	133	75	83	55.68	cps
Silver	107-1	117	142	150	136	12.75	cps
Sodium	23-2	972903	969774	969000	970559	0.21	cps
Strontium	86-1	258	225	275	253	10.07	cps
Strontium	88-1	525	683	558	589	14.18	cps
Sulfur	34-1	650429	644861	651390	648893	0.54	cps
Terbium	159-1	6424245	6508869	6461067	6464727	0.66	cps
Terbium	159-2	2745474	2735415	2685417	2722102	1.18	cps
Thallium	203-1	292	267	242	267	9.37	cps
Thallium	205-1	633	717	733	694	7.72	cps
Tin	118-1	950	775	1025	917	14.00	cps
Titanium	47-1	508	542	425	492	12.22	cps
Uranium	238-1	100	100	125	108	13.32	cps
Vanadium	51-2	77	63	100	80	23.20	cps
Yttrium	89-1	4365557	4394716	4348586	4369620	0.53	cps
Yttrium	89-2	547966	546398	537231	543865	1.07	cps
Zinc	66-2	170	210	180	187	11.15	cps
Zirconium	90-1	792	675	475	647	24.74	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCB038	Instrumnet Name :	P7
Client Sample ID :	CCB038	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 19:03:24	DataFile Name :	081CCBE_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	158	183	167	8.66	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : PB104817BL Instrumnet Name : P7
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 19:57:45 DataFile Name : 082CCBE_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	17	25	14	91.65	cps
Antimony	121-1	92	150	183	142	32.75	cps
Arsenic	75-2	2	4	9	5	78.12	cps
Barium	135-1	58	50	33	47	26.97	cps
Barium	137-1	42	50	33	42	19.99	cps
Beryllium	9-1	294	133	244	224	36.80	cps
Bismuth	209-1	4523358	4531917	4570574	4541949	0.55	cps
Bismuth	209-2	2278967	2364859	2280878	2308235	2.12	cps
Boron	10-1	2834	2784	2759	2792	1.37	cps
Boron	11-1	11822	12005	11872	11900	0.80	cps
Cadmium	111-1	1394	1414	1352	1387	2.29	cps
Cadmium	106-1	2009	2025	1942	1992	2.21	cps
Cadmium	108-1	17	29	17	21	34.64	cps
Calcium	43-1	217	342	292	283	22.21	cps
Calcium	44-1	200517	199619	202518	200885	0.74	cps
Chromium	52-2	90	150	147	129	26.16	cps
Cobalt	59-2	57	93	137	96	41.91	cps
Copper	63-2	1253	1340	1460	1351	7.68	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	8	0	14	124.91	cps
Erbium	164-2	13	13	20	16	24.76	cps
Gadolinium	160-1	17	8	8	11	43.34	cps
Gadolinium	160-2	13	10	10	11	17.30	cps
Holmium	165-1	6459828	6457463	6516796	6478029	0.52	cps
Holmium	165-2	2899655	2975580	2917573	2930936	1.35	cps
Indium	115-1	4453999	4485957	4506700	4482219	0.59	cps
Indium	115-2	733488	756331	736218	742012	1.68	cps
Iron	56-2	3862	4306	4340	4169	6.40	cps
Iron	57-2	94	117	122	111	13.23	cps
Lead	206-1	356	361	344	354	2.40	cps
Lead	207-1	333	450	333	372	18.10	cps
Lead	208-1	1478	1617	1461	1519	5.62	cps
Lithium	6-1	4975820	4990786	5029107	4998571	0.55	cps
Magnesium	24-2	5560	6860	6635	6352	10.94	cps
Manganese	55-2	37	47	57	47	21.43	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	PB104817BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 19:57:45	DataFile Name :	082CCBE_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	142	92	167	133	28.64	cps
Molybdenum	95-1	33	92	67	64	45.81	cps
Molybdenum	96-1	83	133	67	94	36.73	cps
Molybdenum	97-1	50	33	83	56	45.83	cps
Molybdenum	98-1	67	75	42	61	28.38	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	370	443	510	441	15.88	cps
Phosphorus	31-2	250	208	200	219	12.21	cps
Potassium	39-2	32921	33940	33581	33481	1.54	cps
Rhodium	103-1	3840388	3838906	3869475	3849590	0.45	cps
Rhodium	103-2	1740046	1772783	1729430	1747420	1.29	cps
Scandium	45-1	3550411	3563159	3584283	3565951	0.48	cps
Scandium	45-2	144035	151431	145388	146952	2.68	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	24	28	13	22	35.70	cps
Selenium	82-1	-68	-78	-62	-69	-11.98	cps
Silicon	28-1	59110889	59078224	59383358	59190824	0.28	cps
Silver	109-1	33	67	25	42	52.92	cps
Silver	107-1	50	75	83	69	24.98	cps
Sodium	23-2	437532	442667	437721	439307	0.66	cps
Strontium	86-1	283	250	308	281	10.43	cps
Strontium	88-1	733	767	758	753	2.30	cps
Sulfur	34-1	649349	643245	647077	646557	0.48	cps
Terbium	159-1	6506210	6573908	6569274	6549797	0.58	cps
Terbium	159-2	2812386	2871669	2809821	2831292	1.24	cps
Thallium	203-1	117	150	117	128	15.06	cps
Thallium	205-1	400	392	433	408	5.40	cps
Tin	118-1	492	492	517	500	2.89	cps
Titanium	47-1	200	250	242	231	11.62	cps
Uranium	238-1	8	0	25	11	114.58	cps
Vanadium	51-2	50	57	37	48	21.31	cps
Yttrium	89-1	4492497	4467945	4517755	4492732	0.55	cps
Yttrium	89-2	566284	578205	562579	569022	1.43	cps
Zinc	66-2	240	260	243	248	4.32	cps
Zirconium	90-1	275	275	250	267	5.41	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	PB104817BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 19:57:45	DataFile Name :	082CCBE_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	42	133	75	83	55.68	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : PB104817BS Instrumnet Name : P7
 Client Sample ID : LCS007 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 20:06:22 DataFile Name : 083LCSE_P7121217 M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2167	1950	2250	2122	7.30	cps
Antimony	121-1	12189	12081	11772	12014	1.80	cps
Arsenic	75-2	157	159	165	160	2.40	cps
Barium	135-1	14291	15267	14325	14628	3.79	cps
Barium	137-1	26351	25858	25299	25836	2.04	cps
Beryllium	9-1	3967	3706	3906	3860	3.54	cps
Bismuth	209-1	4442562	4394316	4408148	4415009	0.56	cps
Bismuth	209-2	2272092	2283028	2284027	2279715	0.29	cps
Boron	10-1	11797	11655	12547	12000	4.00	cps
Boron	11-1	52693	54834	54290	53939	2.06	cps
Cadmium	111-1	2574	2884	2622	2693	6.19	cps
Cadmium	106-1	1917	2217	2042	2059	7.32	cps
Cadmium	108-1	108	121	100	110	9.56	cps
Calcium	43-1	11363	11547	11989	11633	2.76	cps
Calcium	44-1	381962	381033	380284	381093	0.22	cps
Chromium	52-2	4091	4267	3991	4116	3.40	cps
Cobalt	59-2	3017	3200	3124	3114	2.96	cps
Copper	63-2	5564	5668	5431	5554	2.14	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	25	42	25	66.68	cps
Erbium	164-2	13	17	17	16	12.40	cps
Gadolinium	160-1	8	0	0	3	173.21	cps
Gadolinium	160-2	23	33	7	21	63.80	cps
Holmium	165-1	6418425	6319495	6369319	6369079	0.78	cps
Holmium	165-2	2885923	2876747	2903656	2888775	0.47	cps
Indium	115-1	4375001	4368411	4380425	4374612	0.14	cps
Indium	115-2	722104	729694	723955	725251	0.55	cps
Iron	56-2	356681	357794	356787	357087	0.17	cps
Iron	57-2	8947	8870	8569	8795	2.27	cps
Lead	206-1	6368	6468	6346	6394	1.02	cps
Lead	207-1	5729	5774	5824	5776	0.82	cps
Lead	208-1	25972	25727	25633	25777	0.68	cps
Lithium	6-1	4891227	4894384	4893209	4892940	0.03	cps
Magnesium	24-2	138190	136844	136978	137338	0.54	cps
Manganese	55-2	1073	1267	1057	1132	10.31	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	PB104817BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 20:06:22	DataFile Name :	083LCSE_P7121217 M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11347	10730	12156	11411	6.27	cps
Molybdenum	95-1	13932	14224	13716	13957	1.83	cps
Molybdenum	96-1	15459	14892	14641	14997	2.79	cps
Molybdenum	97-1	8336	8261	8753	8450	3.14	cps
Molybdenum	98-1	22327	21676	21192	21731	2.62	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1250	1227	1223	1233	1.18	cps
Phosphorus	31-2	292	375	217	294	26.90	cps
Potassium	39-2	116840	114908	115573	115774	0.85	cps
Rhodium	103-1	3744520	3719128	3754439	3739362	0.49	cps
Rhodium	103-2	1711687	1717893	1720918	1716833	0.27	cps
Scandium	45-1	3460063	3433516	3459321	3450967	0.44	cps
Scandium	45-2	144467	144789	145891	145049	0.51	cps
Selenium	77-2	20	27	17	21	24.12	cps
Selenium	78-2	109	74	80	88	21.58	cps
Selenium	82-1	364	373	467	401	14.20	cps
Silicon	28-1	59339501	59018778	59201739	59186673	0.27	cps
Silver	109-1	6802	6860	6185	6616	5.66	cps
Silver	107-1	6919	6735	7211	6955	3.45	cps
Sodium	23-2	678196	666585	658019	667600	1.52	cps
Strontium	86-1	2234	2117	2209	2186	2.81	cps
Strontium	88-1	17954	17011	16652	17205	3.91	cps
Sulfur	34-1	653931	651971	649564	651822	0.34	cps
Terbium	159-1	6465560	6362032	6429420	6419004	0.82	cps
Terbium	159-2	2780876	2786530	2787828	2785078	0.13	cps
Thallium	203-1	7552	7653	7803	7669	1.64	cps
Thallium	205-1	17888	18055	17721	17888	0.93	cps
Tin	118-1	24522	24405	23955	24294	1.23	cps
Titanium	47-1	5310	5726	5360	5465	4.17	cps
Uranium	238-1	25176	24207	23823	24402	2.86	cps
Vanadium	51-2	8176	8142	7572	7963	4.26	cps
Yttrium	89-1	4394452	4350649	4379505	4374869	0.51	cps
Yttrium	89-2	557549	558253	559812	558538	0.21	cps
Zinc	66-2	707	817	753	759	7.27	cps
Zirconium	90-1	9887	9604	10096	9862	2.50	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	PB104817BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 20:06:22	DataFile Name :	083LCSE_P7121217 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2409	2109	2392	2303	7.32	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : I6756-21 Instrumnet Name : P7
 Client Sample ID : MA4Z80 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 20:14:09 DataFile Name : 084SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	108	58	81	31.60	cps
Antimony	121-1	108	117	100	108	7.69	cps
Arsenic	75-2	2	2	0	1	86.60	cps
Barium	135-1	142	192	200	178	17.75	cps
Barium	137-1	342	300	225	289	20.47	cps
Beryllium	9-1	267	244	233	248	6.84	cps
Bismuth	209-1	4890055	4820687	4919250	4876664	1.04	cps
Bismuth	209-2	2430772	2432287	2477125	2446728	1.08	cps
Boron	10-1	2092	1967	2084	2047	3.41	cps
Boron	11-1	10045	9745	10054	9948	1.77	cps
Cadmium	111-1	1417	1380	1503	1433	4.41	cps
Cadmium	106-1	2017	1975	2134	2042	4.02	cps
Cadmium	108-1	4	4	4	4	0.00	cps
Calcium	43-1	217	150	183	183	18.18	cps
Calcium	44-1	199554	199982	197333	198956	0.71	cps
Chromium	52-2	230	193	133	186	26.30	cps
Cobalt	59-2	40	77	60	59	31.18	cps
Copper	63-2	1187	1340	1160	1229	7.91	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	8	0	8	100.02	cps
Erbium	164-2	10	0	17	9	94.38	cps
Gadolinium	160-1	0	25	25	17	86.60	cps
Gadolinium	160-2	10	20	23	18	39.03	cps
Holmium	165-1	6918085	6926766	7012872	6952574	0.75	cps
Holmium	165-2	3076780	3093689	3107021	3092497	0.49	cps
Indium	115-1	4777440	4734503	4816478	4776140	0.86	cps
Indium	115-2	771642	779818	782293	777918	0.72	cps
Iron	56-2	5362	5334	5329	5342	0.33	cps
Iron	57-2	117	178	206	167	27.28	cps
Lead	206-1	494	483	528	502	4.61	cps
Lead	207-1	389	483	428	433	10.95	cps
Lead	208-1	1845	1995	1939	1926	3.94	cps
Lithium	6-1	5369156	5335450	5394684	5366430	0.55	cps
Magnesium	24-2	8386	8228	8144	8253	1.49	cps
Manganese	55-2	87	103	87	92	10.44	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6756-21	Instrumnet Name :	P7
Client Sample ID :	MA4Z80	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 20:14:09	DataFile Name :	084SMPL_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	192	125	117	144	28.46	cps
Molybdenum	95-1	58	92	25	58	57.14	cps
Molybdenum	96-1	92	67	50	69	30.20	cps
Molybdenum	97-1	33	33	33	33	0.02	cps
Molybdenum	98-1	67	75	83	75	11.11	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	443	507	477	476	6.66	cps
Phosphorus	31-2	175	233	258	222	19.24	cps
Potassium	39-2	32269	31860	32595	32242	1.14	cps
Rhodium	103-1	4122198	4030913	4104951	4086021	1.19	cps
Rhodium	103-2	1819981	1828614	1837069	1828555	0.47	cps
Scandium	45-1	3803901	3733289	3851262	3796151	1.56	cps
Scandium	45-2	153805	153988	155347	154380	0.55	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	11	20	15	15	30.21	cps
Selenium	82-1	-68	-72	-17	-53	-58.47	cps
Silicon	28-1	59036733	58777585	59215645	59009987	0.37	cps
Silver	109-1	42	33	50	42	20.00	cps
Silver	107-1	133	8	42	61	105.92	cps
Sodium	23-2	370843	366026	373131	370000	0.98	cps
Strontium	86-1	300	275	300	292	4.95	cps
Strontium	88-1	883	758	733	792	10.15	cps
Sulfur	34-1	629703	630148	630907	630253	0.10	cps
Terbium	159-1	6971586	6922623	7032169	6975460	0.79	cps
Terbium	159-2	2976014	2983421	3006532	2988656	0.53	cps
Thallium	203-1	100	133	92	108	20.35	cps
Thallium	205-1	267	292	308	289	7.26	cps
Tin	118-1	283	150	333	256	37.08	cps
Titanium	47-1	192	183	208	194	6.55	cps
Uranium	238-1	25	0	17	14	91.65	cps
Vanadium	51-2	40	57	50	49	17.16	cps
Yttrium	89-1	4796430	4756989	4814904	4789441	0.62	cps
Yttrium	89-2	593513	596619	599297	596477	0.49	cps
Zinc	66-2	107	143	153	134	18.28	cps
Zirconium	90-1	292	325	283	300	7.35	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	I6756-21	Instrumnet Name :	P7
Client Sample ID :	MA4Z80	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 20:14:09	DataFile Name :	084SMPL_P7121217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	42	50	25	39	32.73	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : CCV039 Instrumnet Name : P7
 Client Sample ID : CCV039 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 20:17:41 DataFile Name : 085CCV_P7121217 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2680227	2658718	2670840	2669928	0.40	cps
Antimony	121-1	1550014	1567249	1560516	1559259	0.56	cps
Arsenic	75-2	44046	43734	43467	43749	0.66	cps
Barium	135-1	1943255	1947233	1933838	1941442	0.35	cps
Barium	137-1	3383531	3379359	3378098	3380329	0.08	cps
Beryllium	9-1	940806	934120	944276	939734	0.55	cps
Bismuth	209-1	4068041	4047255	4041346	4052214	0.35	cps
Bismuth	209-2	2022536	2043260	2033338	2033045	0.51	cps
Boron	10-1	102940	105231	108041	105404	2.42	cps
Boron	11-1	463050	473504	477826	471460	1.61	cps
Cadmium	111-1	365975	363910	363719	364535	0.34	cps
Cadmium	106-1	43426	44236	43751	43805	0.93	cps
Cadmium	108-1	29297	28646	28959	28967	1.12	cps
Calcium	43-1	2937725	2910110	2916302	2921379	0.50	cps
Calcium	44-1	44926689	44790710	45057225	44924875	0.30	cps
Chromium	52-2	491889	490225	491952	491355	0.20	cps
Cobalt	59-2	728791	734805	731295	731630	0.41	cps
Copper	63-2	998613	996266	992967	995949	0.28	cps
Dysprosium	156-1	50	42	50	47	10.18	cps
Dysprosium	156-2	20	7	20	16	49.47	cps
Erbium	164-1	25	25	25	25	0.00	cps
Erbium	164-2	10	13	10	11	17.30	cps
Gadolinium	160-1	8	58	33	33	75.02	cps
Gadolinium	160-2	7	33	27	22	62.43	cps
Holmium	165-1	6307969	6272289	6264178	6281479	0.37	cps
Holmium	165-2	2799565	2812670	2793784	2802006	0.35	cps
Indium	115-1	4135162	4100641	4098967	4111590	0.50	cps
Indium	115-2	668893	669822	668931	669215	0.08	cps
Iron	56-2	95988577	95694716	95621749	95768348	0.20	cps
Iron	57-2	2329962	2336890	2335481	2334111	0.16	cps
Lead	206-1	1497594	1486595	1485168	1489786	0.46	cps
Lead	207-1	1335718	1342013	1338478	1338736	0.24	cps
Lead	208-1	6065723	6047107	6048083	6053638	0.17	cps
Lithium	6-1	4633448	4618064	4627082	4626198	0.17	cps
Magnesium	24-2	34070299	33942138	34016727	34009721	0.19	cps
Manganese	55-2	538130	532326	533445	534634	0.58	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCV039	Instrumnet Name :	P7
Client Sample ID :	CCV039	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 20:17:41	DataFile Name :	085CCV_P7121217 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2861832	2868634	2881510	2870659	0.35	cps
Molybdenum	95-1	3491795	3500881	3518909	3503862	0.39	cps
Molybdenum	96-1	3856315	3879715	3897700	3877910	0.54	cps
Molybdenum	97-1	2183107	2171522	2178477	2177702	0.27	cps
Molybdenum	98-1	5719792	5707333	5716723	5714616	0.11	cps
Neodymium	150-1	207	100	200	169	35.38	cps
Neodymium	150-2	13	23	7	14	58.06	cps
Nickel	60-2	186921	186097	184425	185814	0.68	cps
Phosphorus	31-2	24095	22718	22768	23194	3.37	cps
Potassium	39-2	10802367	10752087	10776402	10776952	0.23	cps
Rhodium	103-1	3389052	3380771	3373540	3381121	0.23	cps
Rhodium	103-2	1514488	1528966	1523176	1522210	0.48	cps
Scandium	45-1	3318942	3329613	3329483	3326013	0.18	cps
Scandium	45-2	137760	138025	137900	137895	0.10	cps
Selenium	77-2	927	933	913	924	1.10	cps
Selenium	78-2	2971	2936	3030	2979	1.60	cps
Selenium	82-1	22362	22553	21939	22285	1.41	cps
Silicon	28-1	56935255	57129035	57625122	57229804	0.62	cps
Silver	109-1	1675066	1672423	1665299	1670930	0.30	cps
Silver	107-1	1738403	1745615	1735052	1739690	0.31	cps
Sodium	23-2	65555149	65844718	65912145	65770671	0.29	cps
Strontium	86-1	482934	490081	488295	487103	0.76	cps
Strontium	88-1	4308239	4317217	4338387	4321281	0.36	cps
Sulfur	34-1	804653	797915	796646	799738	0.54	cps
Terbium	159-1	6337961	6323937	6273969	6311956	0.53	cps
Terbium	159-2	2673365	2712355	2678064	2687928	0.79	cps
Thallium	203-1	1832803	1822849	1833620	1829758	0.33	cps
Thallium	205-1	4436852	4404174	4423890	4421638	0.37	cps
Tin	118-1	1224168	1234515	1226581	1228421	0.44	cps
Titanium	47-1	1289594	1281887	1287410	1286297	0.31	cps
Uranium	238-1	6611808	6422894	6481289	6505330	1.49	cps
Vanadium	51-2	417401	412900	415702	415334	0.55	cps
Yttrium	89-1	4213930	4195841	4194154	4201309	0.26	cps
Yttrium	89-2	529348	536146	530130	531875	0.70	cps
Zinc	66-2	131216	130392	129071	130226	0.83	cps
Zirconium	90-1	2419574	2431775	2439202	2430184	0.41	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCV039	Instrumnet Name :	P7
Client Sample ID :	CCV039	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 20:17:41	DataFile Name :	085CCV_P7121217 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	540664	538693	538347	539235	0.23	cps

LB Number : LB92119 Operator : Jaswal
 Lab Sample ID : CCB039 Instrumnet Name : P7
 Client Sample ID : CCB039 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-12 20:24:22 DataFile Name : 086CCBE_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	325	267	283	292	10.30	cps
Antimony	121-1	1834	1592	1400	1609	13.50	cps
Arsenic	75-2	9	7	7	8	13.31	cps
Barium	135-1	142	133	133	136	3.53	cps
Barium	137-1	200	200	183	194	4.95	cps
Beryllium	9-1	1033	1022	906	987	7.17	cps
Bismuth	209-1	4461867	4407241	4449268	4439459	0.64	cps
Bismuth	209-2	2285987	2266202	2259278	2270489	0.61	cps
Boron	10-1	2650	2909	3100	2887	7.83	cps
Boron	11-1	12789	12823	12956	12856	0.69	cps
Cadmium	111-1	1353	1338	1352	1348	0.61	cps
Cadmium	106-1	1934	1909	1909	1917	0.75	cps
Cadmium	108-1	13	8	13	11	21.67	cps
Calcium	43-1	442	383	383	403	8.36	cps
Calcium	44-1	199318	198801	198820	198980	0.15	cps
Chromium	52-2	107	133	113	118	11.78	cps
Cobalt	59-2	123	113	97	111	12.13	cps
Copper	63-2	1280	1273	1200	1251	3.55	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	25	50	33	43.30	cps
Erbium	164-2	10	10	17	12	31.50	cps
Gadolinium	160-1	25	8	0	11	114.58	cps
Gadolinium	160-2	23	17	30	23	28.56	cps
Holmium	165-1	6386127	6362382	6347702	6365404	0.30	cps
Holmium	165-2	2918276	2874057	2872665	2888333	0.90	cps
Indium	115-1	4344765	4329409	4351492	4341889	0.26	cps
Indium	115-2	730992	719610	723282	724628	0.80	cps
Iron	56-2	9075	8436	8391	8634	4.43	cps
Iron	57-2	278	272	283	278	2.00	cps
Lead	206-1	444	472	550	489	11.19	cps
Lead	207-1	539	517	406	487	14.67	cps
Lead	208-1	2239	1972	2161	2124	6.46	cps
Lithium	6-1	4803054	4799565	4832676	4811765	0.38	cps
Magnesium	24-2	3751	3234	3651	3545	7.73	cps
Manganese	55-2	93	100	153	116	28.46	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCB039	Instrumnet Name :	P7
Client Sample ID :	CCB039	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 20:24:22	DataFile Name :	086CCBE_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	558	525	458	514	9.91	cps
Molybdenum	95-1	525	583	442	517	13.78	cps
Molybdenum	96-1	700	492	533	575	19.17	cps
Molybdenum	97-1	325	300	300	308	4.68	cps
Molybdenum	98-1	583	883	942	803	23.95	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	413	360	420	398	8.27	cps
Phosphorus	31-2	192	192	258	214	18.00	cps
Potassium	39-2	32185	32203	32787	32392	1.06	cps
Rhodium	103-1	3697416	3689302	3729727	3705482	0.58	cps
Rhodium	103-2	1710432	1691772	1690237	1697480	0.66	cps
Scandium	45-1	3402964	3378980	3389716	3390553	0.35	cps
Scandium	45-2	142291	141000	141485	141592	0.46	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	15	9	20	15	37.50	cps
Selenium	82-1	0	-27	-55	-28	-99.36	cps
Silicon	28-1	58150264	57882695	57614243	57882401	0.46	cps
Silver	109-1	92	67	42	67	37.50	cps
Silver	107-1	67	100	83	83	20.00	cps
Sodium	23-2	330381	333975	330696	331684	0.60	cps
Strontium	86-1	283	275	258	272	4.68	cps
Strontium	88-1	758	867	808	811	6.69	cps
Sulfur	34-1	601369	603260	598366	600998	0.41	cps
Terbium	159-1	6438720	6404864	6397333	6413639	0.34	cps
Terbium	159-2	2794984	2771834	2764462	2777093	0.57	cps
Thallium	203-1	275	258	267	267	3.13	cps
Thallium	205-1	900	750	692	781	13.77	cps
Tin	118-1	717	792	867	792	9.47	cps
Titanium	47-1	292	300	275	289	4.41	cps
Uranium	238-1	83	142	83	103	32.76	cps
Vanadium	51-2	63	53	37	51	26.35	cps
Yttrium	89-1	4320373	4306301	4335927	4320867	0.34	cps
Yttrium	89-2	558869	550366	554323	554519	0.77	cps
Zinc	66-2	220	247	273	247	10.81	cps
Zirconium	90-1	658	592	658	636	6.05	cps

LB Number :	LB92119	Operator :	Jaswal
Lab Sample ID :	CCB039	Instrumnet Name :	P7
Client Sample ID :	CCB039	Dilution Factor :	1
Date & Time Acquired ::	2017-12-12 20:24:22	DataFile Name :	086CCBE_P7121217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	225	133	108	156	39.49	cps