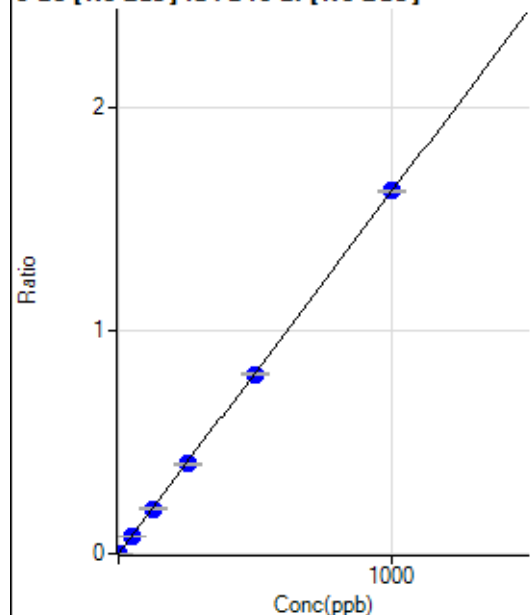


Batch Folder: D:\ICP-MS Data\P7101717-MS_#2 .b\
Analysis File: P7101717-MS_#2 .batch.bin
DA Date-Time: 2017-10-18 11:19:10
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB P7101717-MS #2.D	S00	2017-10-17 10:19:32
2	004CALS P7101717-MS #2.D	S01	2017-10-17 10:22:59
3	005CALS P7101717-MS #2.D	S02	2017-10-17 10:27:07
4	006CALS P7101717-MS #2.D	S03	2017-10-17 10:30:53
5	007CALS P7101717-MS #2.D	S04	2017-10-17 10:34:40
6	008CALS P7101717-MS #2.D	S05	2017-10-17 10:38:23
7	009CALS P7101717-MS #2.D	S06	2017-10-17 10:42:01
8	010CALS P7101717-MS #2.D	S07	2017-10-17 10:45:37
9	011CALS P7101717-MS #2.D	S08	2017-10-17 10:49:07

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	48.15	0.0001	P	16.7
2	☐	0.100	0.066	122.23	0.0002	P	12.6
3	☐	1.000	0.859	1009.32	0.0015	P	3.9
4	☐	50.000	49.789	56732.11	0.0808	P	0.8
5	☐	125.000	124.685	141290.57	0.2022	P	0.5
6	☐	250.000	247.411	280744.42	0.4012	P	1.3
7	☐	500.000	496.253	558266.69	0.8046	P	1.0
8	☐	1000.000	1002.571	1090760.73	1.6255	P	0.8
9	☐			220.38	0.0003	P	41.1

$$y = 0.0016 * x + 7.0704E-005$$

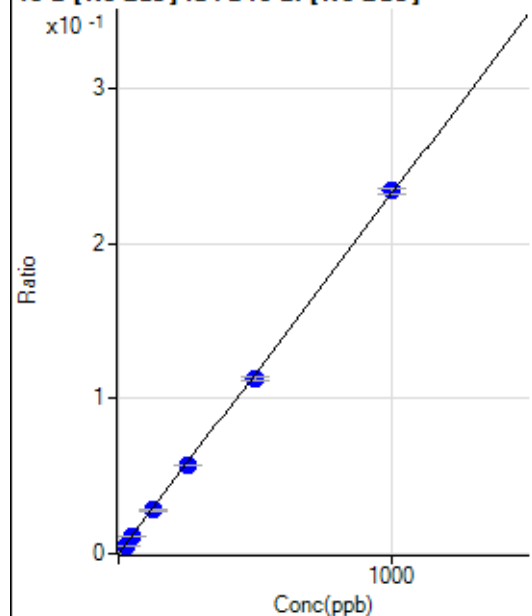
$$R = 1.0000$$

$$DL = 0.02188$$

$$BEC = 0.04361$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0001	P	10.7
2	☐	2.500	2.096	419.47	0.0006	P	17.5
3	☐	25.000	20.807	3411.64	0.0049	P	1.3
4	☐	50.000	49.703	8174.74	0.0116	P	1.5
5	☐	125.000	119.972	19515.94	0.0279	P	2.8
6	☐	250.000	245.543	39906.62	0.0570	P	0.9
7	☐	500.000	486.708	78347.45	0.1129	P	1.9
8	☐	1000.000	1008.510	156922.34	0.2338	P	1.8
9	☐			2855.94	0.0045	P	12.6

$$y = 2.3175E-004 * x + 1.2257E-004$$

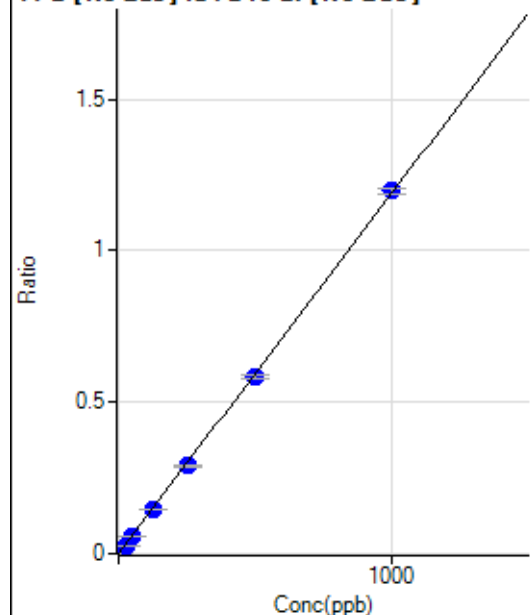
$$R = 0.9999$$

$$DL = 0.1699$$

$$BEC = 0.5289$$

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	408.35	0.0006	P	16.2
2	☐	2.500	1.780	1869.65	0.0027	P	1.5
3	☐	25.000	20.624	17316.14	0.0251	P	4.4
4	☐	50.000	48.450	40833.72	0.0582	P	2.7
5	☐	125.000	121.563	101298.80	0.1450	P	1.6
6	☐	250.000	243.009	202435.88	0.2893	P	1.5
7	☐	500.000	490.057	404312.09	0.5827	P	1.7
8	☐	1000.000	1007.337	803363.36	1.1972	P	1.4
9	☐			14624.22	0.0229	P	4.7

$$y = 0.0012 * x + 6.0048E-004$$

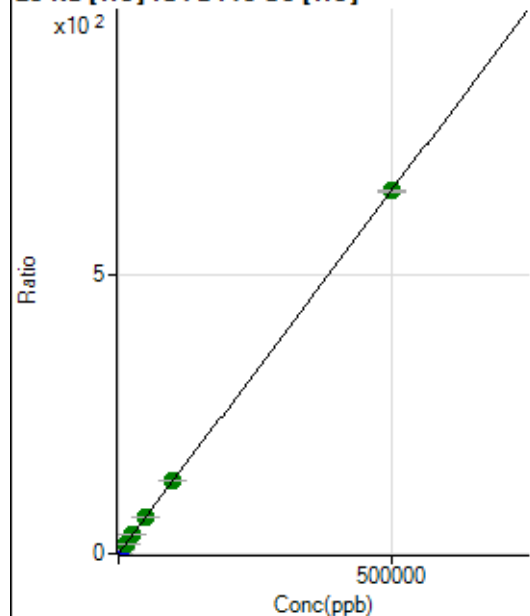
$$R = 0.9999$$

$$DL = 0.2458$$

$$BEC = 0.5055$$

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	16715.45	0.0710	P	1.5
2	☐	50.000	45.371	30832.52	0.1300	P	1.5
3	☐	500.000	460.524	156144.44	0.6700	P	1.0
4	☐	5000.000	5338.874	1634672.01	7.0155	P	0.6
5	☐	12500.000	12961.580	3955858.12	16.9306	A	0.6
6	☐	25000.000	25651.329	7889512.94	33.4367	A	0.5
7	☐	50000.000	50911.372	15810294.80	66.2934	A	0.8
8	☐	100000.00	100083.74	32252810.44	130.2539	A	1.5
9	☐	500000.00	499844.66	160300886.9	650.2389	A	0.8

$$y = 0.0013 * x + 0.0710$$

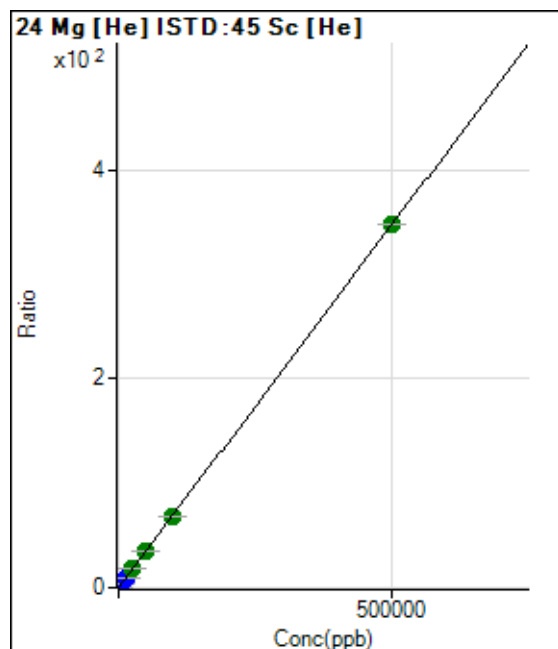
$$R = 1.0000$$

$$DL = 2.409$$

$$BEC = 54.56$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	197.23	0.0008	P	24.2
2	☐	50.000	44.643	7552.20	0.0318	P	4.8
3	☐	500.000	449.300	72930.40	0.3129	P	0.7
4	☐	5000.000	5177.050	838155.77	3.5971	P	0.4
5	☐	12500.000	12741.563	2068222.73	8.8518	P	0.6
6	☐	25000.000	25343.491	4154170.15	17.6057	A	0.3
7	☐	50000.000	49996.671	8282967.02	34.7310	A	1.2
8	☐	100000.00	97967.268	16851445.17	68.0538	A	0.9
9	☐	500000.00	500381.94	85693567.88	347.5912	A	0.0

$$y = 6.9465E-004 * x + 8.3720E-004$$

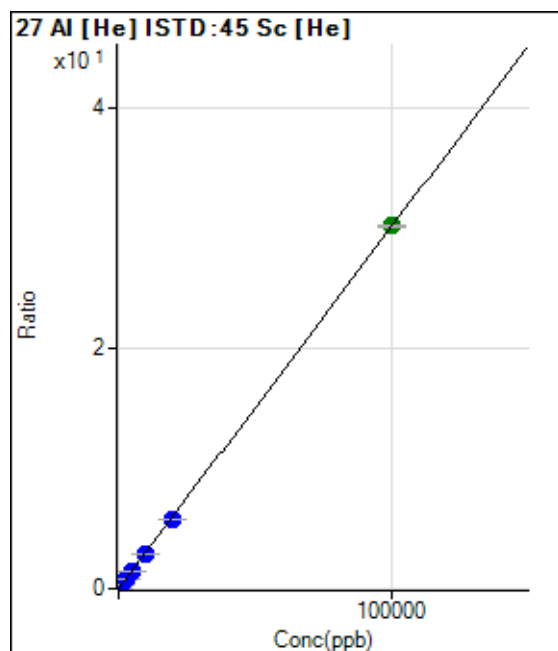
$$R = 1.0000$$

$$DL = 0.8749$$

$$BEC = 1.205$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0003	P	40.0
2	☐	2.000	1.858	194.45	0.0008	P	31.7
3	☐	20.000	16.021	1183.43	0.0051	P	6.8
4	☐	1000.000	983.745	68987.76	0.2961	P	0.6
5	☐	2500.000	2460.068	172900.31	0.7400	P	1.4
6	☐	5000.000	4840.523	343509.29	1.4558	P	0.6
7	☐	10000.000	9643.804	691684.92	2.9002	P	0.4
8	☐	20000.000	19012.399	1415760.02	5.7173	P	0.3
9	☐	100000.00	100242.27	7431192.87	30.1431	A	0.7

$$y = 3.0070E-004 * x + 2.6014E-004$$

$$R = 0.9999$$

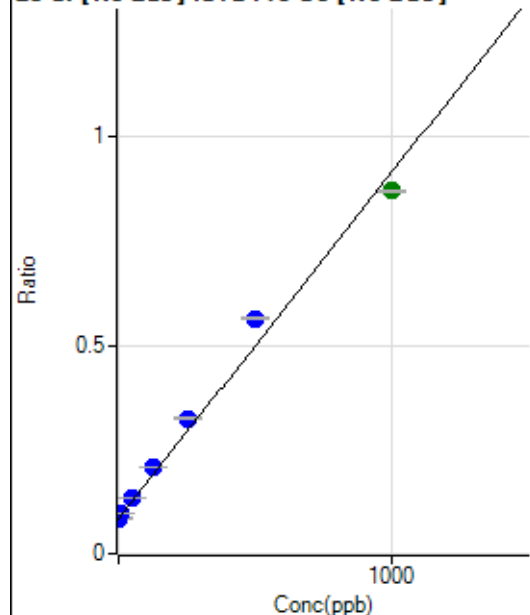
$$DL = 1.038$$

$$BEC = 0.8651$$

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	405773.05	0.0838	P	0.6
2	☐	1.000	4.713	411093.68	0.0877	P	0.2
3	☐	10.000	17.249	457596.72	0.0981	P	0.6
4	☐	50.000	61.379	631319.06	0.1348	P	0.4
5	☐	125.000	147.980	960962.96	0.2067	P	0.5
6	☐	250.000	290.620	1530141.15	0.3252	P	0.7
7	☐	500.000	578.590	2669895.50	0.5645	P	0.6
8	☐	1000.000	947.033	4164521.58	0.8707	A	0.4
9	☐			457040.68	0.0975	P	1.2

$$y = 8.3096E-004 * x + 0.0838$$

R = 0.9945

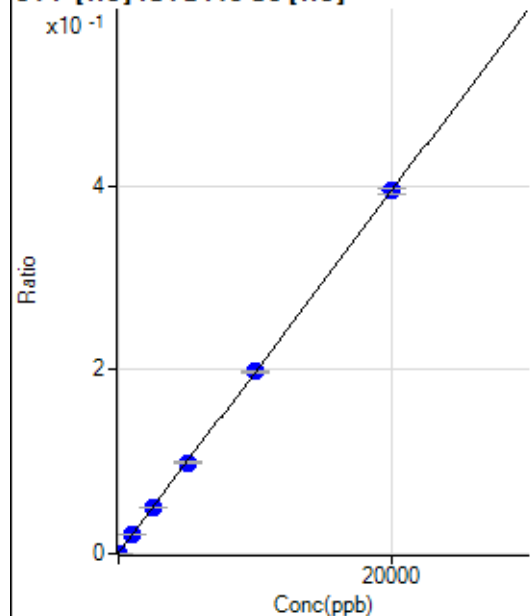
DL = 1.859

BEC = 100.8

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	-6.650	141.68	0.0006	P	19.4
2	☐	0.000	5.687	200.01	0.0008	P	13.3
3	☐	0.000	0.963	175.01	0.0008	P	4.1
4	☐	1000.000	1005.440	4784.33	0.0205	P	3.1
5	☐	2500.000	2498.689	11668.91	0.0499	P	2.6
6	☐	5000.000	4999.784	23407.96	0.0992	P	3.0
7	☐	10000.000	10006.158	47175.62	0.1978	P	0.3
8	☐	20000.000	19996.867	97699.61	0.3946	P	1.2
9	☐			175.01	0.0007	P	4.1

$$y = 1.9694E-005 * x + 7.3186E-004$$

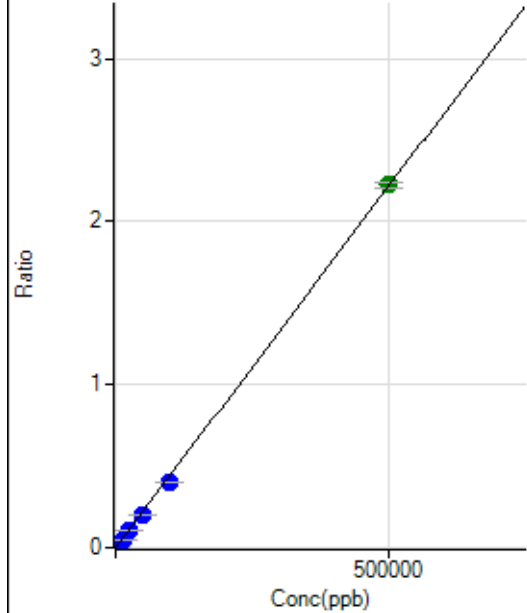
R = 1.0000

DL = 13.15

BEC = 37.16

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	383.35	0.0001	P	9.2
2	☐	50.000	41.405	1230.66	0.0003	P	12.8
3	☐	500.000	402.124	8675.09	0.0019	P	0.6
4	☐	5000.000	4593.125	95642.02	0.0204	P	0.3
5	☐	12500.000	11550.637	238095.09	0.0512	P	1.1
6	☐	25000.000	23078.357	481087.33	0.1023	P	1.4
7	☐	50000.000	46010.295	963732.00	0.2038	P	1.1
8	☐	100000.00	90822.754	1923691.08	0.4022	P	0.4
9	☐	500000.00	502358.40	10422461.78	2.2243	A	1.7

$$y = 4.4275E-006 * x + 7.9150E-005$$

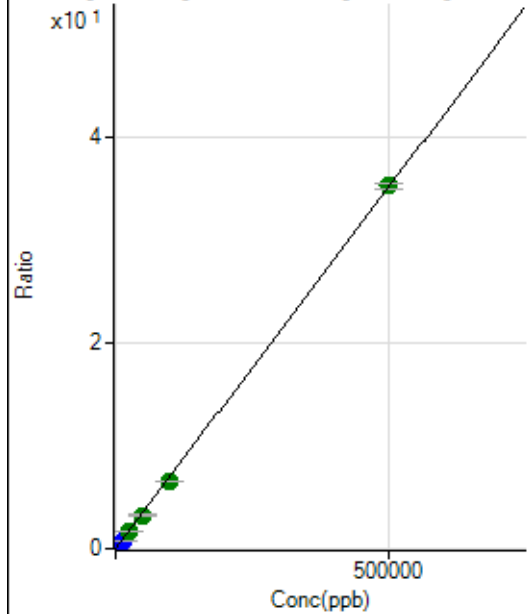
$$R = 0.9998$$

$$DL = 4.949$$

$$BEC = 17.88$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	61079.80	0.0126	P	2.2
2	☐	50.000	47.539	74783.89	0.0159	P	0.4
3	☐	500.000	416.051	195213.84	0.0418	P	0.2
4	☐	5000.000	4691.549	1603592.91	0.3423	P	0.3
5	☐	12500.000	11743.619	3894940.32	0.8379	P	0.6
6	☐	25000.000	23168.516	7718998.70	1.6407	A	1.3
7	☐	50000.000	46393.587	15477294.27	3.2728	A	1.1
8	☐	100000.00	92629.142	31193412.16	6.5219	A	0.6
9	☐	500000.00	501948.46	165345631.4	35.2858	A	1.8

$$y = 7.0273E-005 * x + 0.0126$$

$$R = 0.9999$$

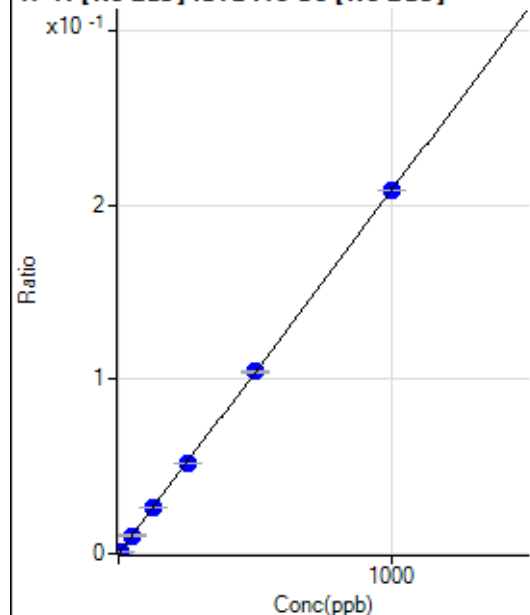
$$DL = 11.61$$

$$BEC = 179.4$$

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	202.79	0.0000	P	15.8
2	☐	0.500	0.382	569.48	0.0001	P	12.1
3	☐	5.000	4.291	4361.94	0.0009	P	1.4
4	☐	50.000	50.068	49018.65	0.0105	P	0.5
5	☐	125.000	125.592	121715.99	0.0262	P	0.7
6	☐	250.000	249.533	244552.66	0.0520	P	0.6
7	☐	500.000	502.108	494442.80	0.1046	P	1.2
8	☐	1000.000	998.989	994757.68	0.2080	P	0.0
9	☐			888.95	0.0002	P	3.8

$$y = 2.0815E-004 * x + 4.1866E-005$$

$$R = 1.0000$$

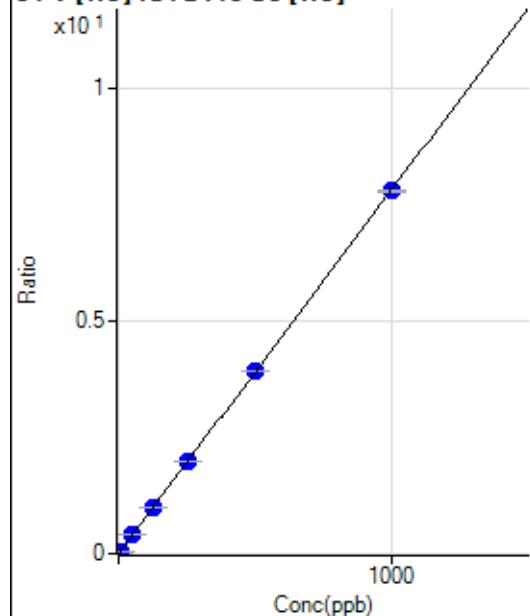
$$DL = 0.09532$$

$$BEC = 0.2011$$

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	20.00	0.0001	P	49.2
2	☐	0.500	0.416	792.26	0.0033	P	9.1
3	☐	5.000	4.408	8061.21	0.0346	P	0.7
4	☐	50.000	50.752	92590.76	0.3974	P	1.3
5	☐	125.000	126.266	230964.93	0.9885	P	0.4
6	☐	250.000	252.713	466800.67	1.9783	P	0.8
7	☐	500.000	503.222	939511.96	3.9393	P	0.3
8	☐	1000.000	997.518	1933598.34	7.8086	P	0.5
9	☐			357.79	0.0015	P	4.4

$$y = 0.0078 * x + 8.4673E-005$$

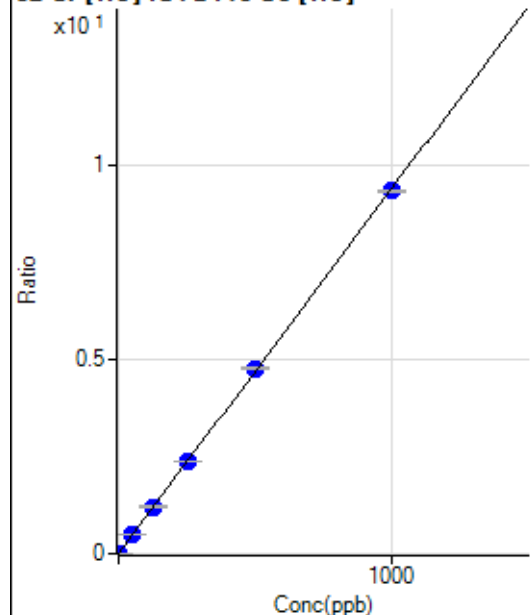
$$R = 1.0000$$

$$DL = 0.01595$$

$$BEC = 0.01082$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	985.61	0.0042	P	6.3
2	☐	0.200	0.175	1383.42	0.0058	P	9.0
3	☐	2.000	1.949	5245.46	0.0225	P	1.4
4	☐	50.000	52.052	115026.86	0.4937	P	0.2
5	☐	125.000	128.504	283318.60	1.2126	P	0.6
6	☐	250.000	254.262	565143.23	2.3951	P	0.4
7	☐	500.000	507.547	1139267.65	4.7769	P	0.4
8	☐	1000.000	994.620	2317002.39	9.3571	P	0.8
9	☐			35178.78	0.1427	P	1.3

$$y = 0.0094 * x + 0.0042$$

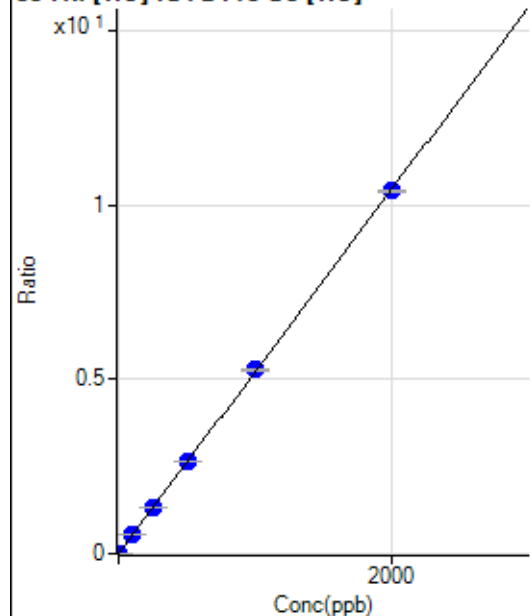
$$R = 0.9999$$

$$DL = 0.08403$$

$$BEC = 0.4452$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	75.56	0.0003	P	25.5
2	☐	0.100	0.103	203.34	0.0009	P	0.9
3	☐	1.000	0.884	1150.06	0.0049	P	2.6
4	☐	100.000	103.168	125538.63	0.5388	P	1.8
5	☐	250.000	253.942	309754.01	1.3257	P	0.5
6	☐	500.000	506.497	623837.72	2.6439	P	0.4
7	☐	1000.000	1009.436	1256585.32	5.2688	P	0.5
8	☐	2000.000	1993.007	2575880.29	10.4023	P	0.4
9	☐			10203.68	0.0414	P	3.1

$$y = 0.0052 * x + 3.2057E-004$$

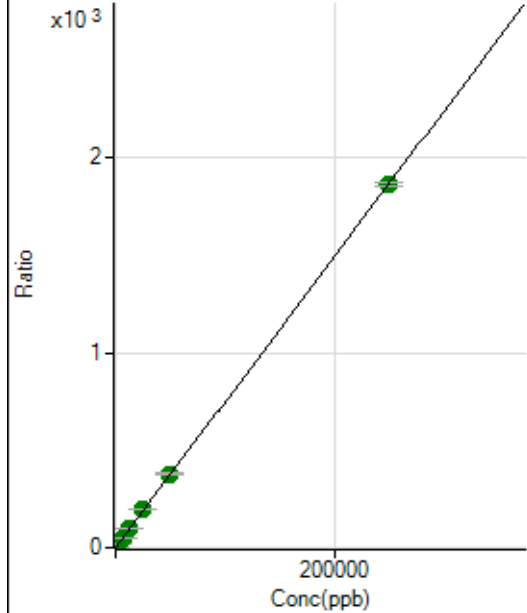
$$R = 1.0000$$

$$DL = 0.04697$$

$$BEC = 0.06142$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4560.08	0.0194	P	2.3
2	☐	5.000	4.566	12655.80	0.0534	P	2.4
3	☐	50.000	47.771	87404.08	0.3750	P	0.7
4	☐	2500.000	2659.650	4618773.43	19.8220	A	0.5
5	☐	6250.000	6582.190	11455514.26	49.0275	A	0.5
6	☐	12500.000	12991.429	22828499.35	96.7480	A	0.9
7	☐	25000.000	26003.909	46179078.81	193.6333	A	1.0
8	☐	50000.000	50940.498	93924296.54	379.3005	A	0.5
9	☐	250000.00	249677.03	458292391.7	1,859.007	A	1.0

$$y = 0.0074 * x + 0.0194$$

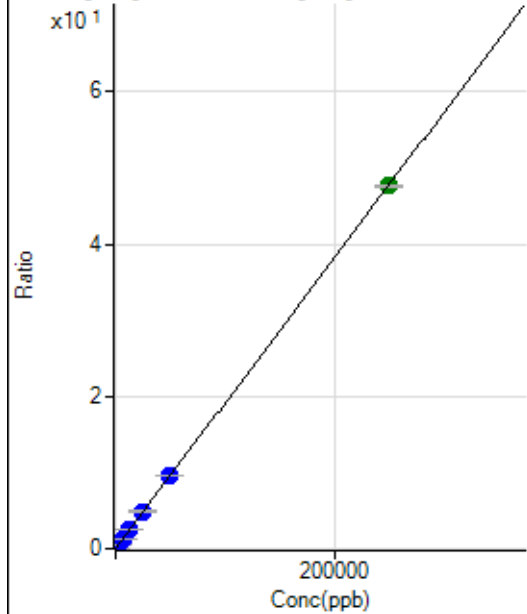
$$R = 1.0000$$

$$DL = 0.1782$$

$$BEC = 2.601$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	266.68	0.0011	P	18.8
2	☐	5.000	5.241	505.58	0.0021	P	4.0
3	☐	50.000	46.294	2320.61	0.0100	P	9.0
4	☐	2500.000	2625.468	116946.46	0.5019	P	0.9
5	☐	6250.000	6561.977	292698.14	1.2527	P	1.1
6	☐	12500.000	12951.972	583168.95	2.4715	P	0.4
7	☐	25000.000	25801.339	1173952.06	4.9223	P	0.4
8	☐	50000.000	50416.174	2381465.24	9.6172	P	0.8
9	☐	250000.00	249804.97	11746521.68	47.6474	A	0.5

$$y = 1.9073E-004 * x + 0.0011$$

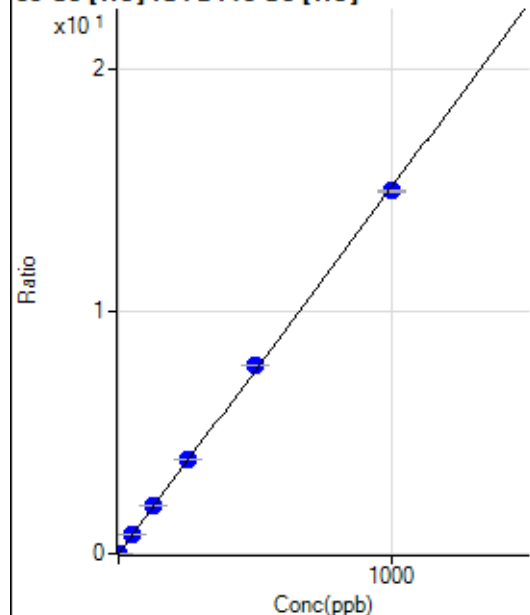
$$R = 1.0000$$

$$DL = 3.353$$

$$BEC = 5.934$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	74.44	0.0003	P	17.7
2	☐	0.100	0.092	404.45	0.0017	P	9.2
3	☐	1.000	0.921	3324.88	0.0143	P	3.4
4	☐	50.000	52.954	186860.27	0.8019	P	0.9
5	☐	125.000	131.336	464620.90	1.9885	P	0.7
6	☐	250.000	257.692	920546.21	3.9013	P	0.5
7	☐	500.000	513.478	1853946.00	7.7735	P	0.4
8	☐	1000.000	990.398	3712703.73	14.9932	P	0.7
9	☐			4507.43	0.0183	P	1.2

$$y = 0.0151 * x + 3.1645E-004$$

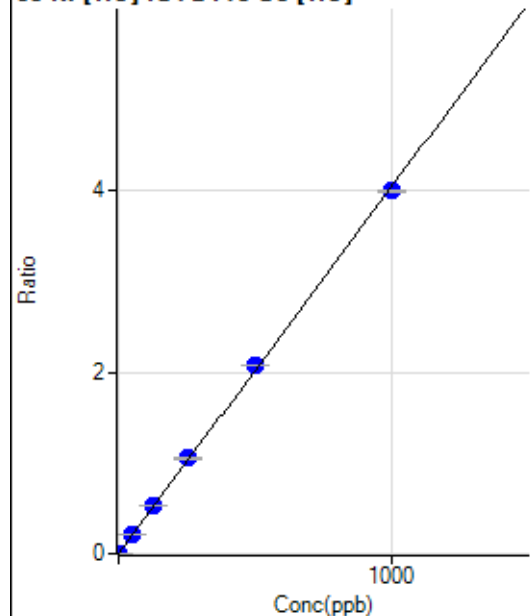
$$R = 0.9998$$

$$DL = 0.01112$$

$$BEC = 0.0209$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	128.89	0.0005	P	24.8
2	☐	0.100	0.108	233.34	0.0010	P	19.7
3	☐	1.000	1.077	1141.17	0.0049	P	8.9
4	☐	50.000	54.314	51250.49	0.2199	P	1.4
5	☐	125.000	131.982	124696.89	0.5337	P	0.4
6	☐	250.000	259.604	247567.10	1.0492	P	0.6
7	☐	500.000	514.786	496077.84	2.0800	P	0.4
8	☐	1000.000	989.117	989544.71	3.9961	P	0.3
9	☐			10026.90	0.0407	P	1.0

$$y = 0.0040 * x + 5.4808E-004$$

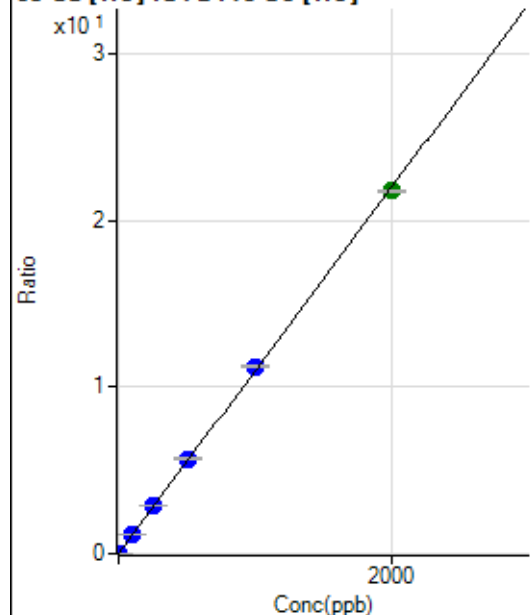
$$R = 0.9998$$

$$DL = 0.1011$$

$$BEC = 0.1357$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1068.94	0.0045	P	3.8
2	☐	0.200	0.206	1612.34	0.0068	P	2.4
3	☐	2.000	1.871	5845.70	0.0251	P	5.6
4	☐	100.000	108.133	277719.14	1.1919	P	0.7
5	☐	250.000	265.272	681639.24	2.9173	P	0.5
6	☐	500.000	519.287	1346469.85	5.7065	P	0.3
7	☐	1000.000	1022.496	2678757.49	11.2319	P	0.4
8	☐	2000.000	1981.615	5389097.31	21.7634	A	0.7
9	☐			7970.05	0.0323	P	2.6

$$y = 0.0110 * x + 0.0045$$

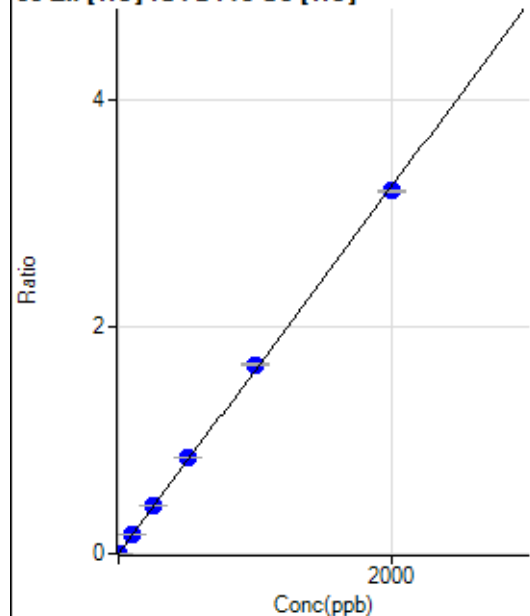
$$R = 0.9998$$

$$DL = 0.04741$$

$$BEC = 0.4133$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	226.67	0.0010	P	26.2
2	☐	0.200	0.152	286.68	0.0012	P	19.6
3	☐	2.000	1.894	937.82	0.0040	P	3.9
4	☐	100.000	105.693	40053.98	0.1719	P	1.0
5	☐	250.000	265.252	100459.46	0.4299	P	0.8
6	☐	500.000	521.694	199307.48	0.8447	P	0.2
7	☐	1000.000	1030.309	397643.23	1.6673	P	0.4
8	☐	2000.000	1977.231	792099.49	3.1987	P	0.6
9	☐			2536.93	0.0103	P	5.8

$$y = 0.0016 * x + 9.6091E-004$$

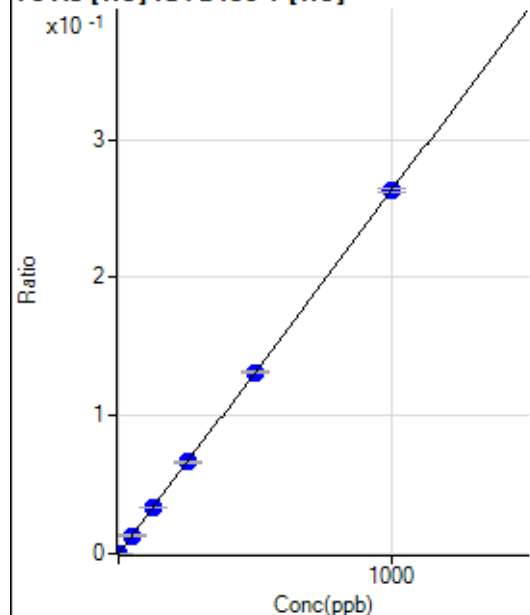
$$R = 0.9998$$

$$DL = 0.4671$$

$$BEC = 0.5942$$

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	6.17	0.0000	P	34.7
2	☐	0.100	0.067	27.16	0.0000	P	13.8
3	☐	1.000	0.883	280.87	0.0002	P	10.3
4	☐	50.000	50.016	15497.25	0.0132	P	1.5
5	☐	125.000	125.185	38786.12	0.0329	P	0.5
6	☐	250.000	251.817	78286.29	0.0662	P	0.7
7	☐	500.000	500.281	158891.31	0.1316	P	0.4
8	☐	1000.000	999.382	323147.74	0.2628	P	1.0
9	☐			140.74	0.0001	P	4.2

$$y = 2.6297\text{E-}004 * x + 5.2009\text{E-}006$$

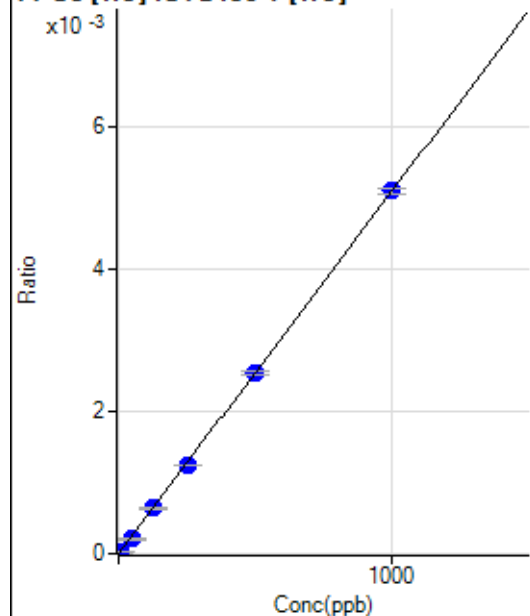
$$R = 1.0000$$

$$DL = 0.02061$$

$$BEC = 0.01978$$

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	0.555	3.33	0.0000	P	100.
3	☐	5.000	4.616	27.78	0.0000	P	37.8
4	☐	50.000	42.159	252.23	0.0002	P	14.3
5	☐	125.000	125.104	748.92	0.0006	P	7.5
6	☐	250.000	243.287	1461.21	0.0012	P	0.9
7	☐	500.000	498.387	3058.15	0.0025	P	1.8
8	☐	1000.000	1002.866	6265.89	0.0051	P	1.4
9	☐			5.55	0.0000	P	69.2

$$y = 5.0812\text{E-}006 * x + 0.0000\text{E+}000$$

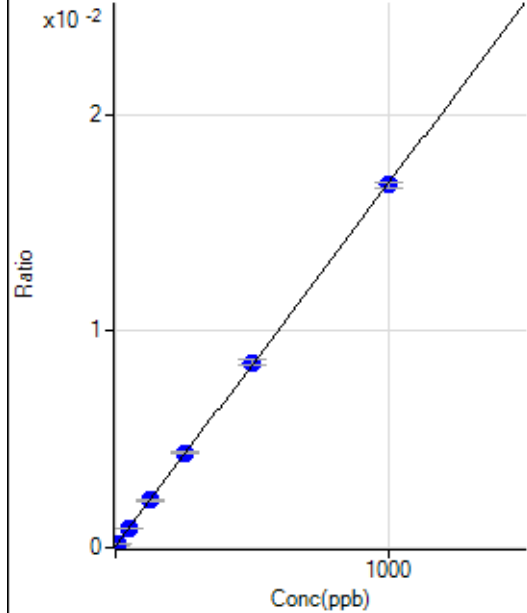
$$R = 1.0000$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	85.80	0.0001	P	25.8
2	☐	0.500	-0.210	81.48	0.0001	P	7.3
3	☐	5.000	3.943	163.58	0.0001	P	5.7
4	☐	50.000	50.018	1071.65	0.0009	P	2.6
5	☐	125.000	126.205	2574.94	0.0022	P	1.9
6	☐	250.000	256.529	5163.93	0.0044	P	2.7
7	☐	500.000	504.910	10300.02	0.0085	P	3.1
8	☐	1000.000	995.767	20593.69	0.0167	P	1.6
9	☐			103.09	0.0001	P	17.5

$$y = 1.6748\text{E-}005 * x + 7.2238\text{E-}005$$

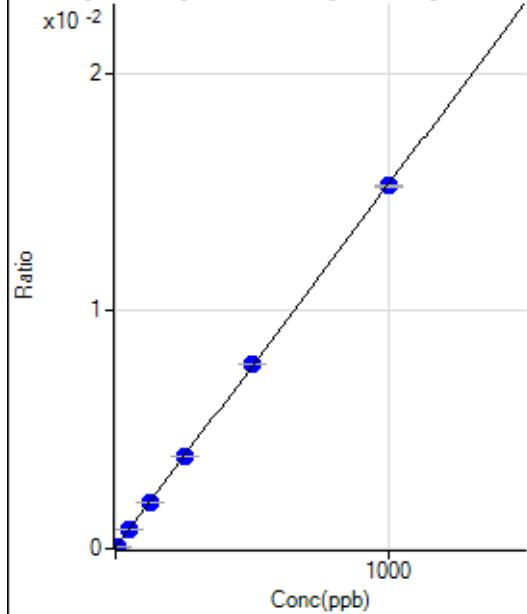
R = 1.0000

DL = 3.336

BEC = 4.313

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	313.02	0.0000	P	18.8
2	☐	0.500	-0.272	275.16	0.0000	P	17.3
3	☐	5.000	3.604	751.98	0.0001	P	3.5
4	☐	50.000	49.601	6421.03	0.0008	P	1.3
5	☐	125.000	124.649	15601.02	0.0019	P	0.4
6	☐	250.000	252.117	31452.84	0.0039	P	0.5
7	☐	500.000	507.117	63161.97	0.0078	P	0.2
8	☐	1000.000	995.984	125494.33	0.0152	P	0.2
9	☐			303.76	0.0000	P	11.8

$$y = 1.5273\text{E-}005 * x + 3.8251\text{E-}005$$

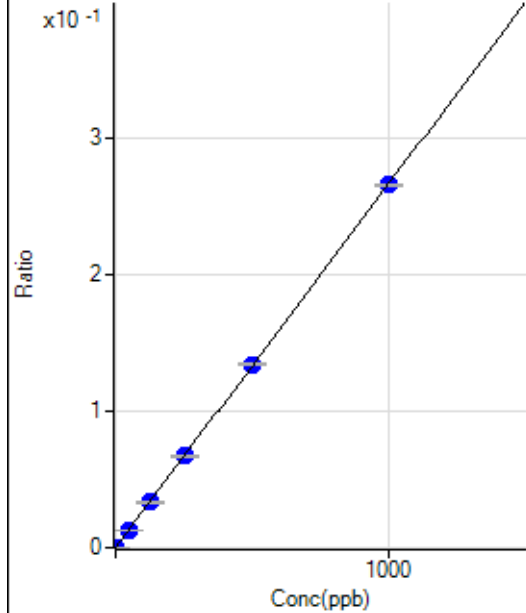
R = 1.0000

DL = 1.415

BEC = 2.505

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	927.85	0.0001	P	6.3
2	☐	0.100	0.043	1008.42	0.0001	P	7.1
3	☐	1.000	0.842	2725.37	0.0003	P	5.5
4	☐	50.000	49.349	107148.26	0.0133	P	0.6
5	☐	125.000	124.969	268738.34	0.0335	P	2.3
6	☐	250.000	250.940	542419.13	0.0671	P	0.5
7	☐	500.000	504.059	1092280.74	0.1346	P	0.5
8	☐	1000.000	997.772	2191662.53	0.2663	P	0.3
9	☐			77777.85	0.0098	P	0.8

$$y = 2.6680E-004 * x + 1.1348E-004$$

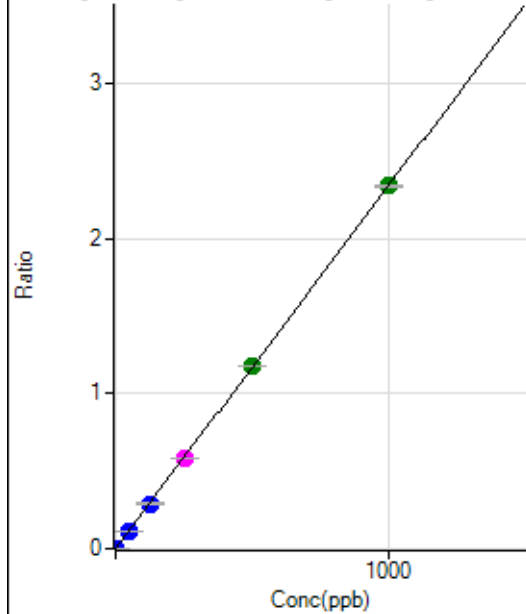
$$R = 1.0000$$

$$DL = 0.08027$$

$$BEC = 0.4253$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	188.90	0.0000	P	11.8
2	☐	0.100	0.096	1991.89	0.0002	P	1.7
3	☐	1.000	0.902	17208.19	0.0021	P	3.9
4	☐	50.000	49.919	943420.90	0.1169	P	0.7
5	☐	125.000	124.033	2333641.54	0.2905	P	0.9
6	☐	250.000	249.104	4718350.11	0.5834	M	0.8
7	☐	500.000	501.493	9530750.47	1.1744	A	0.3
8	☐	1000.000	999.602	19265401.12	2.3409	A	0.8
9	☐			671094.64	0.0845	P	1.4

$$y = 0.0023 * x + 2.3116E-005$$

$$R = 1.0000$$

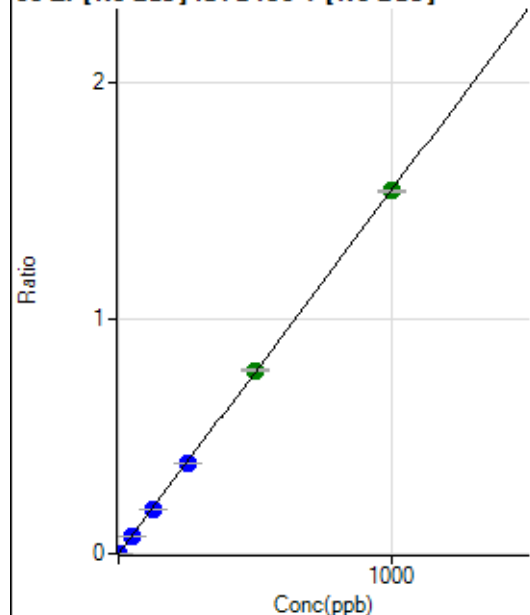
$$DL = 0.003503$$

$$BEC = 0.009871$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	502.81	0.0001	P	20.5
2	☐	0.100	0.077	1455.69	0.0002	P	2.0
3	☐	1.000	0.818	10676.59	0.0013	P	2.6
4	☐	50.000	48.914	609827.80	0.0756	P	0.5
5	☐	125.000	123.192	1528492.20	0.1903	P	0.5
6	☐	250.000	248.319	3101340.24	0.3834	P	0.4
7	☐	500.000	504.958	6327122.23	0.7797	A	0.7
8	☐	1000.000	998.222	12683446.46	1.5412	A	0.2
9	☐			2597.58	0.0003	P	6.1

$$y = 0.0015 * x + 6.1539E-005$$

$$R = 1.0000$$

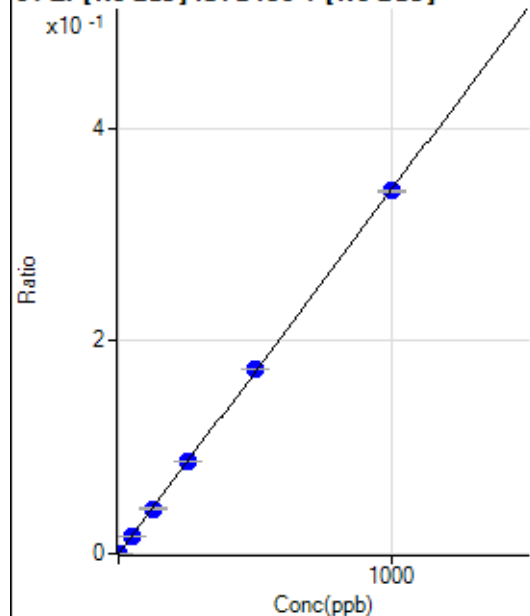
$$DL = 0.0245$$

$$BEC = 0.03986$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0000	P	12.7
2	☐	0.100	0.088	347.24	0.0000	P	15.1
3	☐	1.000	0.843	2428.09	0.0003	P	3.9
4	☐	50.000	49.185	135878.88	0.0168	P	0.9
5	☐	125.000	124.102	341212.42	0.0425	P	0.6
6	☐	250.000	252.251	698134.98	0.0863	P	0.5
7	☐	500.000	505.431	1403436.37	0.1729	P	0.3
8	☐	1000.000	996.875	2806753.21	0.3411	P	0.9
9	☐			686.16	0.0001	P	9.0

$$y = 3.4214E-004 * x + 1.2917E-005$$

$$R = 1.0000$$

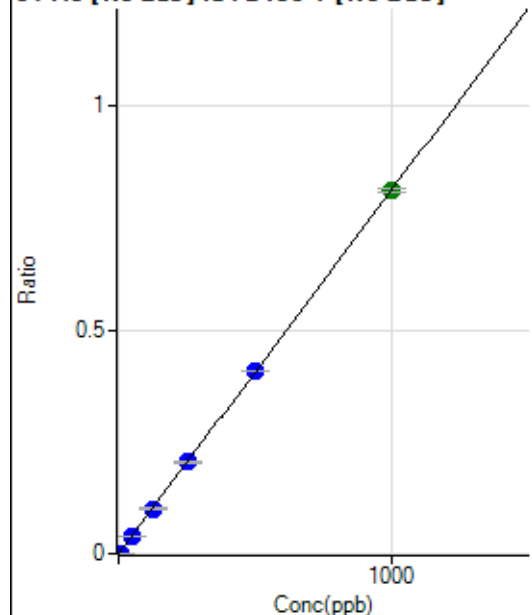
$$DL = 0.01438$$

$$BEC = 0.03775$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	208.34	0.0000	P	21.6
2	☐	0.500	0.193	1472.36	0.0002	P	2.4
3	☐	5.000	1.839	12244.70	0.0015	P	2.8
4	☐	50.000	49.562	325084.46	0.0403	P	0.2
5	☐	125.000	123.627	807044.92	0.1005	P	2.0
6	☐	250.000	251.387	1651958.64	0.2043	P	1.2
7	☐	500.000	503.692	3320965.40	0.4092	P	0.2
8	☐	1000.000	998.017	6672393.51	0.8108	A	0.9
9	☐			6535.11	0.0008	P	0.8

$$y = 8.1242\text{E-}004 * x + 2.5455\text{E-}005$$

$$R = 1.0000$$

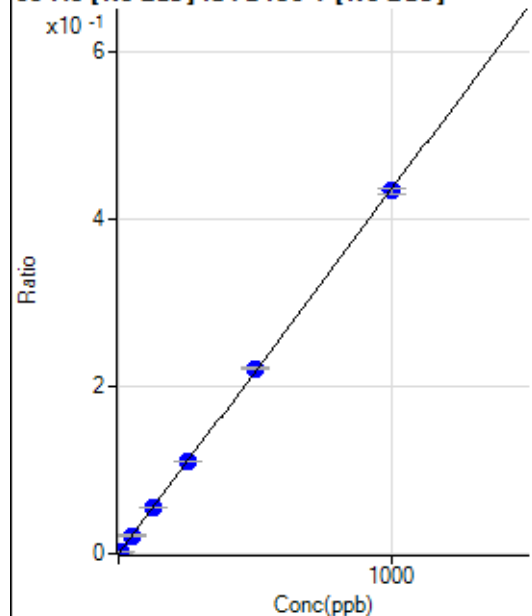
$$DL = 0.02031$$

$$BEC = 0.03133$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	66.5
2	☐	0.500	0.461	1652.95	0.0002	P	10.5
3	☐	5.000	4.379	15408.87	0.0019	P	2.1
4	☐	50.000	50.033	175836.11	0.0218	P	0.8
5	☐	125.000	124.862	436858.78	0.0544	P	0.7
6	☐	250.000	252.689	890019.39	0.1100	P	1.1
7	☐	500.000	507.534	1793631.81	0.2210	P	0.7
8	☐	1000.000	995.580	3567778.38	0.4336	P	1.3
9	☐			9456.33	0.0012	P	2.5

$$y = 4.3548\text{E-}004 * x + 4.4108\text{E-}006$$

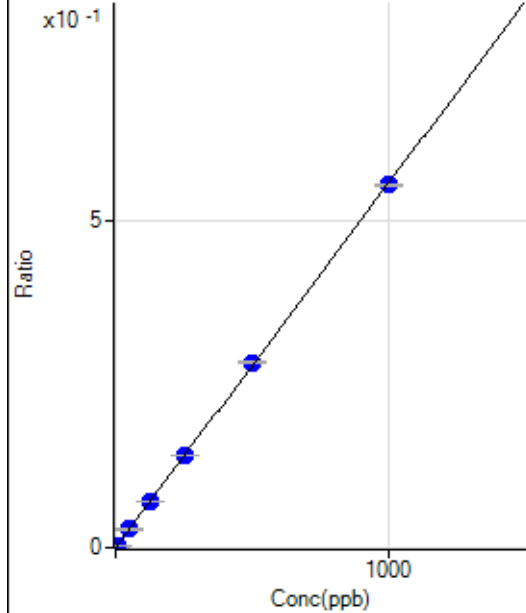
$$R = 1.0000$$

$$DL = 0.02022$$

$$BEC = 0.01013$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	172.23	0.0000	P	45.3
2	☐	0.500	0.402	1978.00	0.0002	P	4.1
3	☐	5.000	3.764	17077.55	0.0021	P	0.9
4	☐	50.000	50.193	225830.37	0.0280	P	0.8
5	☐	125.000	125.402	561485.18	0.0699	P	1.6
6	☐	250.000	252.464	1137921.90	0.1407	P	0.9
7	☐	500.000	507.266	2293934.19	0.2827	P	0.9
8	☐	1000.000	995.697	4565772.76	0.5548	P	0.7
9	☐			12455.86	0.0016	P	1.2

$$y = 5.5721\text{E-}004 * x + 2.1093\text{E-}005$$

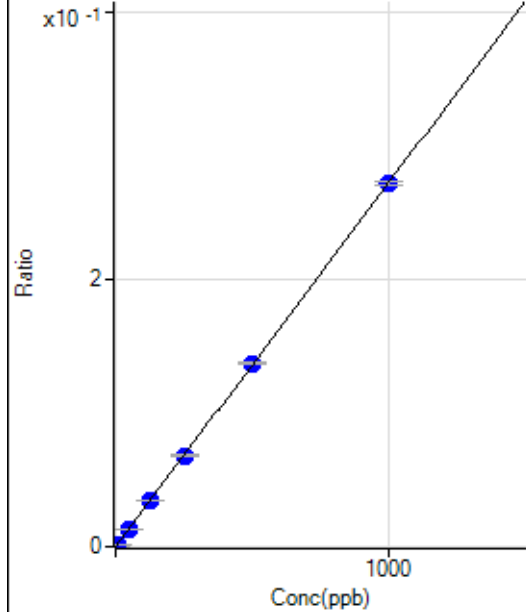
$$R = 1.0000$$

$$DL = 0.05148$$

$$BEC = 0.03786$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.34	0.0000	P	50.1
2	☐	0.500	0.432	980.63	0.0001	P	6.2
3	☐	5.000	4.229	9306.16	0.0012	P	2.3
4	☐	50.000	49.527	108723.93	0.0135	P	1.7
5	☐	125.000	124.719	272575.68	0.0339	P	0.3
6	☐	250.000	250.992	552187.09	0.0683	P	1.6
7	☐	500.000	504.010	1112552.38	0.1371	P	0.4
8	☐	1000.000	997.810	2233457.54	0.2714	P	0.9
9	☐			5731.95	0.0007	P	4.6

$$y = 2.7200\text{E-}004 * x + 4.0754\text{E-}006$$

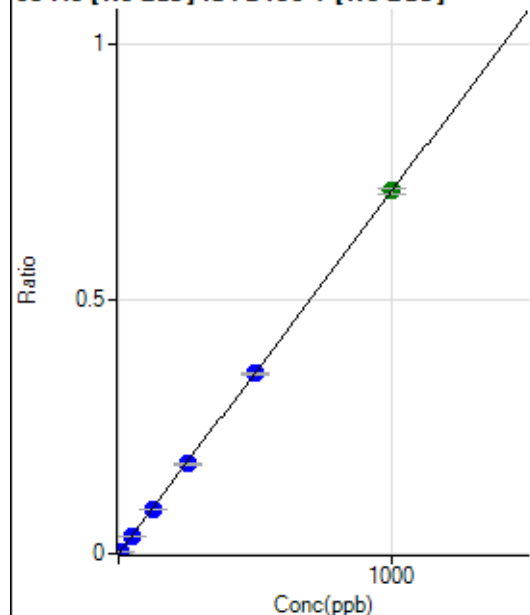
$$R = 1.0000$$

$$DL = 0.02253$$

$$BEC = 0.01498$$

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	63.89	0.0000	P	33.3
2	☐	0.500	0.416	2450.33	0.0003	P	3.9
3	☐	5.000	4.262	24516.28	0.0030	P	1.5
4	☐	50.000	49.502	284371.58	0.0352	P	2.0
5	☐	125.000	123.076	703887.84	0.0876	P	1.3
6	☐	250.000	247.560	1425351.94	0.1762	P	0.7
7	☐	500.000	498.412	2879249.09	0.3548	P	0.9
8	☐	1000.000	1001.673	5867452.34	0.7131	A	1.4
9	☐			14958.35	0.0019	P	1.7

$$y = 7.1185\text{E-}004 * x + 7.8254\text{E-}006$$

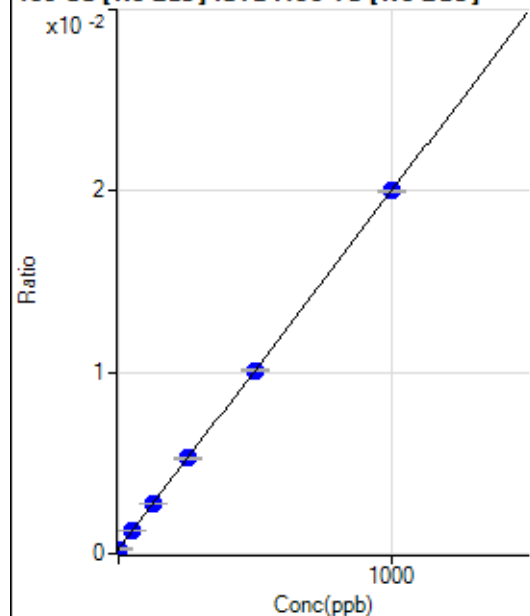
$$R = 1.0000$$

$$DL = 0.01099$$

$$BEC = 0.01099$$

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	2617.02	0.0003	P	1.9
2	☐	0.100	0.202	2639.26	0.0003	P	2.7
3	☐	1.000	0.219	2667.04	0.0003	P	2.6
4	☐	50.000	49.799	12631.14	0.0012	P	1.7
5	☐	125.000	126.053	27789.34	0.0027	P	1.6
6	☐	250.000	252.682	52841.44	0.0053	P	0.3
7	☐	500.000	498.839	103941.01	0.0101	P	1.5
8	☐	1000.000	999.789	204742.40	0.0200	P	0.5
9	☐			2536.45	0.0003	P	2.8

$$y = 1.9758\text{E-}005 * x + 2.5881\text{E-}004$$

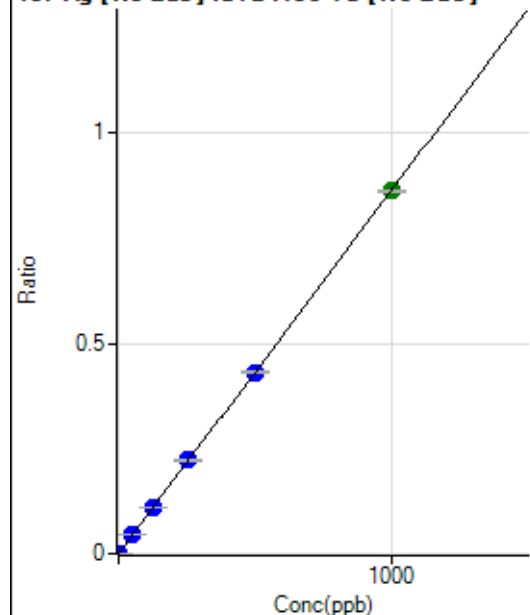
$$R = 1.0000$$

$$DL = 0.7286$$

$$BEC = 13.1$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	63.89	0.0000	P	48.8
2	☐	0.100	0.094	880.63	0.0001	P	6.4
3	☐	1.000	0.936	8263.85	0.0008	P	0.9
4	☐	50.000	51.258	450377.45	0.0443	P	2.7
5	☐	125.000	126.757	1107714.25	0.1096	P	0.9
6	☐	250.000	257.014	2235882.69	0.2222	P	0.4
7	☐	500.000	498.633	4429911.08	0.4311	P	0.7
8	☐	1000.000	998.648	8832703.41	0.8634	A	0.7
9	☐			1041.75	0.0001	P	16.3

$$y = 8.6453\text{E-}004 * x + 6.3076\text{E-}006$$

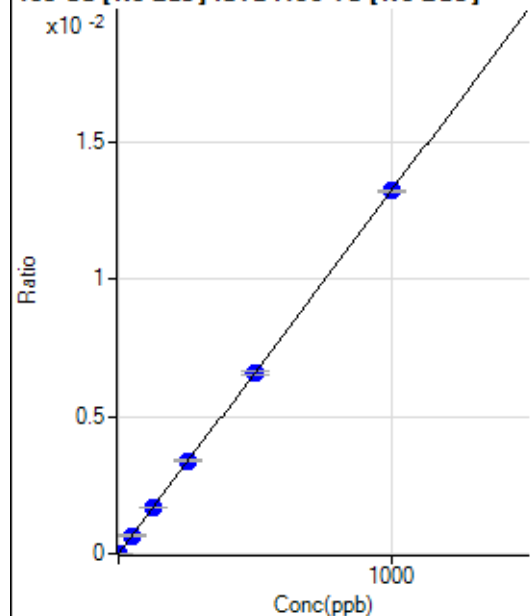
$$R = 1.0000$$

$$DL = 0.01069$$

$$BEC = 0.007296$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	5.56	0.0000	P	173.
2	☐	0.100	0.168	27.78	0.0000	P	52.4
3	☐	1.000	1.046	145.84	0.0000	P	11.4
4	☐	50.000	49.594	6675.31	0.0007	P	3.5
5	☐	125.000	127.397	17049.41	0.0017	P	1.6
6	☐	250.000	255.183	33991.07	0.0034	P	2.7
7	☐	500.000	497.376	67655.22	0.0066	P	1.6
8	☐	1000.000	999.737	135383.38	0.0132	P	0.5
9	☐			26.39	0.0000	P	64.0

$$y = 1.3236\text{E-}005 * x + 5.4647\text{E-}007$$

$$R = 1.0000$$

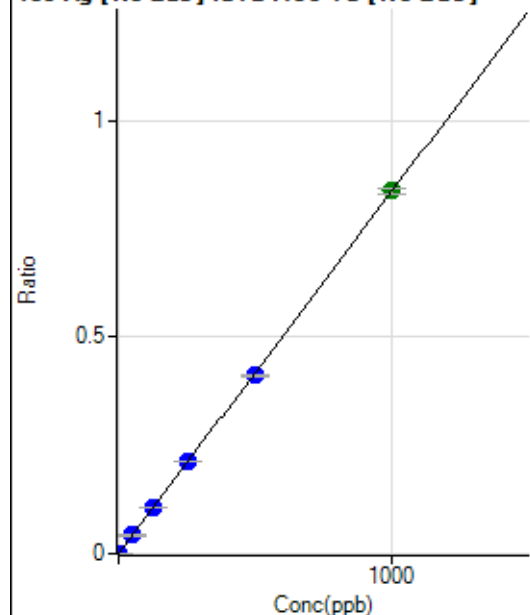
$$DL = 0.2145$$

$$BEC = 0.04129$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	58.34	0.0000	P	24.4
2	☐	0.100	0.084	761.16	0.0001	P	6.2
3	☐	1.000	0.878	7485.63	0.0007	P	7.3
4	☐	50.000	50.833	431306.38	0.0424	P	1.6
5	☐	125.000	125.713	1060713.64	0.1049	P	0.6
6	☐	250.000	253.284	2127512.61	0.2114	P	0.2
7	☐	500.000	492.217	4222203.74	0.4109	P	0.6
8	☐	1000.000	1002.940	8564542.64	0.8372	A	1.3
9	☐			980.63	0.0001	P	10.5

$$y = 8.3473E-004 * x + 5.7647E-006$$

$$R = 1.0000$$

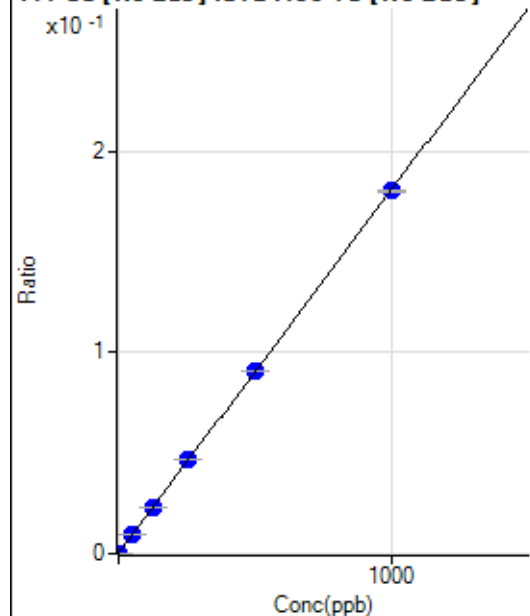
$$DL = 0.005051$$

$$BEC = 0.006906$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1836.36	0.0002	P	2.0
2	☐	0.100	0.105	2014.16	0.0002	P	1.8
3	☐	1.000	0.820	3341.35	0.0003	P	1.2
4	☐	50.000	51.019	95475.38	0.0094	P	2.3
5	☐	125.000	127.367	234322.44	0.0232	P	0.1
6	☐	250.000	257.364	469512.82	0.0467	P	1.2
7	☐	500.000	502.148	933740.13	0.0909	P	0.5
8	☐	1000.000	996.738	1843408.84	0.1802	P	0.2
9	☐			1922.32	0.0002	P	1.5

$$y = 1.8059E-004 * x + 1.8161E-004$$

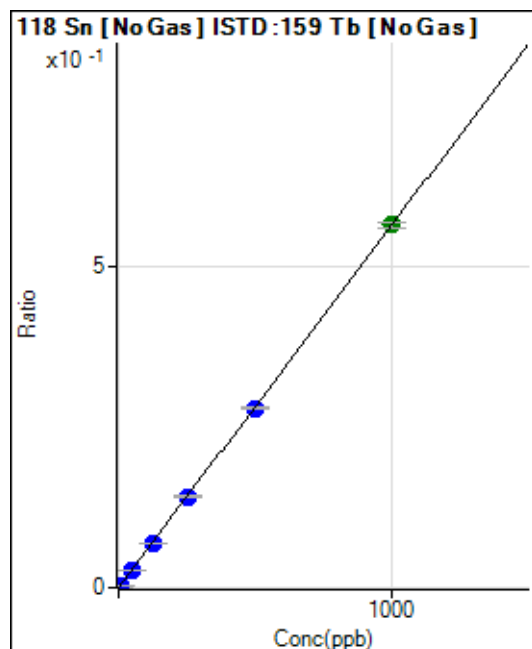
$$R = 1.0000$$

$$DL = 0.06092$$

$$BEC = 1.006$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	575.04	0.0001	P	10.9
2	☐	0.500	0.434	3033.79	0.0003	P	0.9
3	☐	5.000	4.238	24858.93	0.0025	P	2.7
4	☐	50.000	49.698	286087.93	0.0282	P	2.4
5	☐	125.000	123.600	706830.85	0.0699	P	1.4
6	☐	250.000	251.795	1432925.52	0.1424	P	1.1
7	☐	500.000	496.207	2883174.71	0.2806	P	0.4
8	☐	1000.000	1001.642	5793262.76	0.5663	A	1.7
9	☐			7227.16	0.0007	P	3.8

$$y = 5.6531\text{E-}004 * x + 5.6848\text{E-}005$$

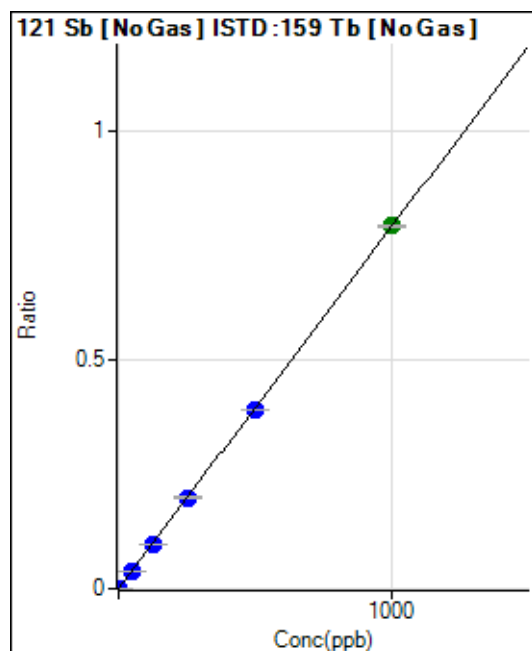
$$R = 1.0000$$

$$DL = 0.03299$$

$$BEC = 0.1006$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	58.34	0.0000	P	14.6
2	☐	0.200	0.171	1411.25	0.0001	P	5.8
3	☐	2.000	1.770	14213.32	0.0014	P	2.9
4	☐	50.000	49.152	394222.21	0.0388	P	2.2
5	☐	125.000	122.939	980601.36	0.0970	P	1.0
6	☐	250.000	252.209	2002649.37	0.1990	P	1.0
7	☐	500.000	493.424	4001167.76	0.3894	P	0.1
8	☐	1000.000	1003.036	8097399.49	0.7915	A	0.6
9	☐			22023.68	0.0023	P	1.7

$$y = 7.8909\text{E-}004 * x + 5.7703\text{E-}006$$

$$R = 1.0000$$

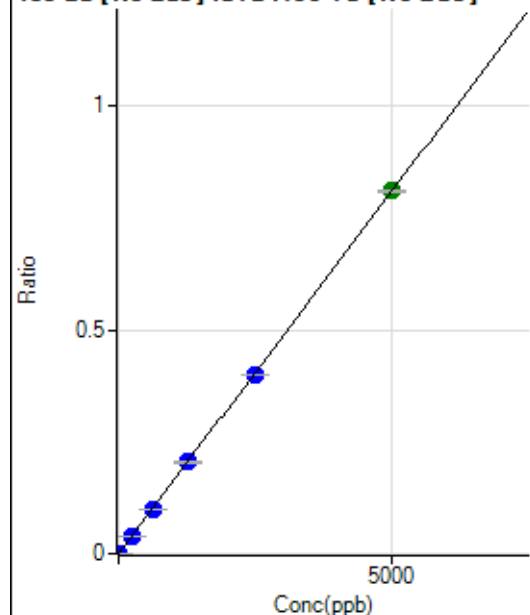
$$DL = 0.003196$$

$$BEC = 0.007313$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0000	P	25.4
2	☐	1.000	0.855	1458.48	0.0001	P	6.6
3	☐	10.000	8.625	14210.50	0.0014	P	2.1
4	☐	250.000	247.132	406278.41	0.0400	P	2.6
5	☐	625.000	622.207	1017332.75	0.1007	P	0.3
6	☐	1250.000	1263.460	2056428.86	0.2044	P	1.0
7	☐	2500.000	2473.320	4111257.47	0.4001	P	0.4
8	☐	5000.000	5010.470	8291830.83	0.8105	A	0.2
9	☐			2464.21	0.0003	P	4.6

$$y = 1.6175E-004 * x + 6.8736E-006$$

$$R = 1.0000$$

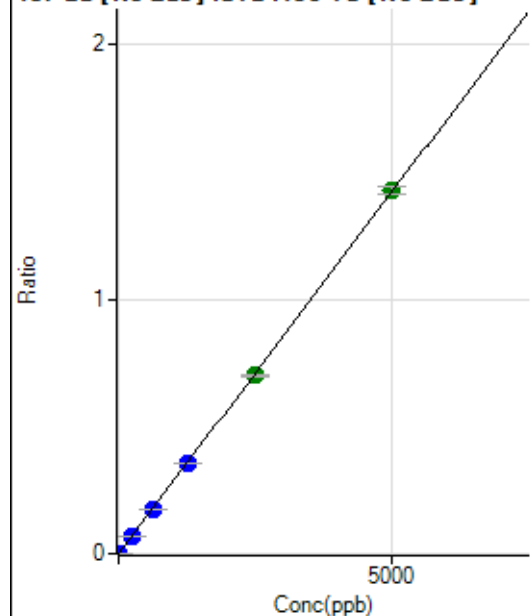
$$DL = 0.03243$$

$$BEC = 0.04249$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0000	P	16.2
2	☐	1.000	0.885	2614.27	0.0003	P	6.5
3	☐	10.000	8.386	24213.55	0.0024	P	0.3
4	☐	250.000	246.958	712407.64	0.0701	P	1.7
5	☐	625.000	615.213	1764851.17	0.1746	P	0.6
6	☐	1250.000	1244.833	3555035.10	0.3533	P	0.6
7	☐	2500.000	2463.766	7185452.94	0.6992	A	0.4
8	☐	5000.000	5020.787	14576686.44	1.4249	A	2.2
9	☐			4242.50	0.0004	P	2.3

$$y = 2.8380E-004 * x + 9.0699E-006$$

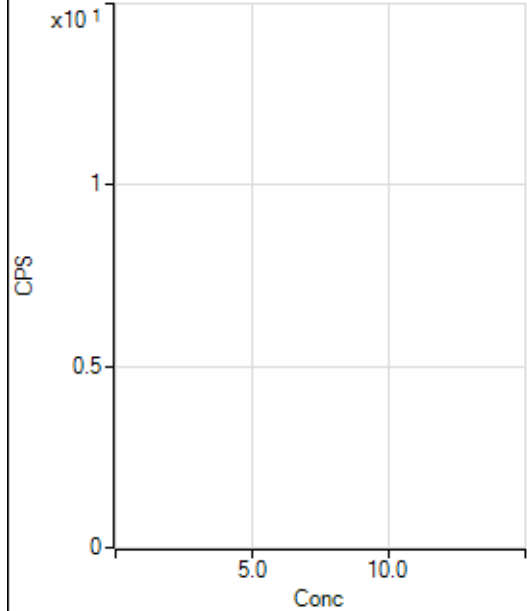
$$R = 1.0000$$

$$DL = 0.01555$$

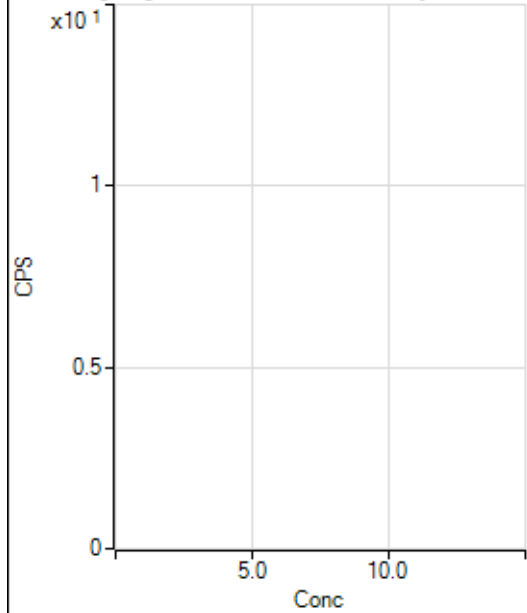
$$BEC = 0.03196$$

Weight: <None>

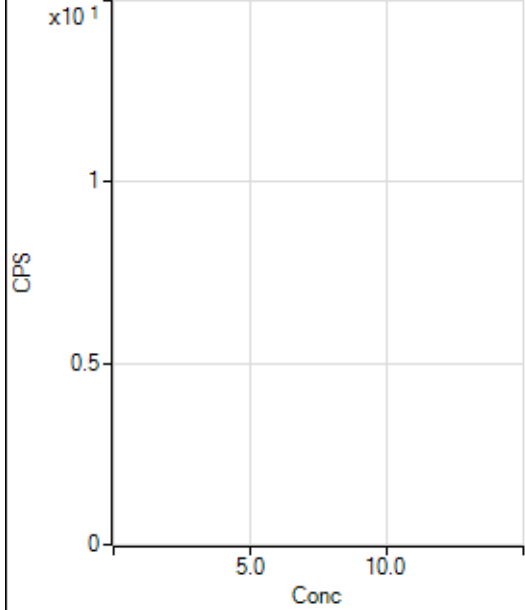
Min Conc: 0

150 Nd [No Gas] No available calibration points

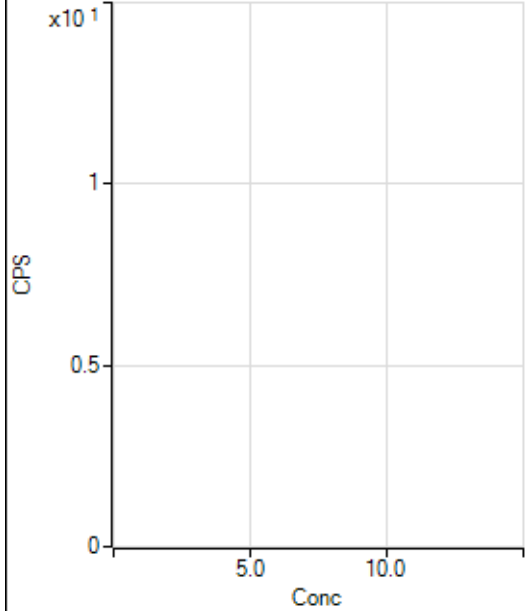
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐			8.89		P	43.3
3	☐			6.67		P	100.
4	☐			35.56		P	21.6
5	☐			66.67		P	20.0
6	☐			131.11		P	10.6
7	☐			264.46		P	6.3
8	☐			446.69		P	26.5
9	☐			95.56		P	28.2

150 Nd [He] No available calibration points

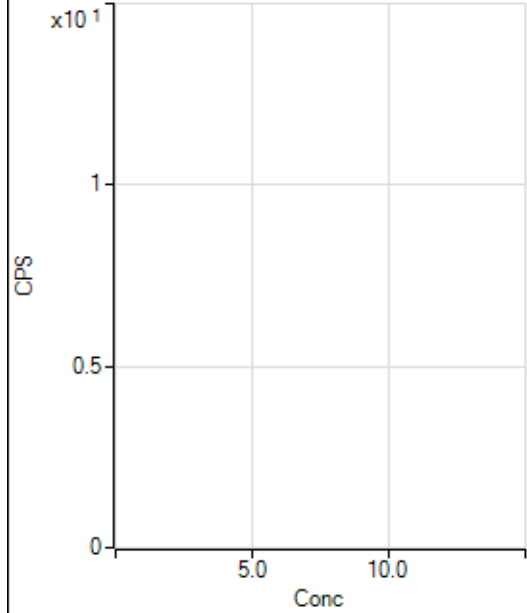
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			1.11		P	173.
4	☐			5.56		P	34.7
5	☐			6.67		P	100.
6	☐			15.56		P	32.7
7	☐			35.56		P	14.3
8	☐			56.67		P	11.8
9	☐			23.33		P	51.5

156 Dy [No Gas] No available calibration points

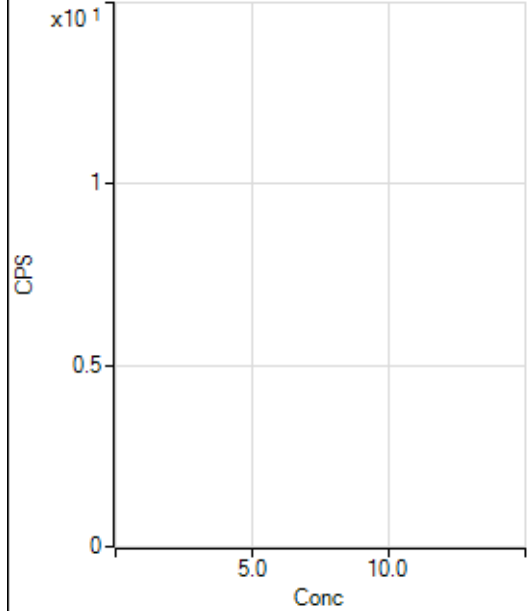
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	114.
2	☐			11.11		P	43.3
3	☐			13.89		P	69.3
4	☐			27.78		P	45.8
5	☐			19.44		P	89.2
6	☐			61.12		P	34.3
7	☐			91.67		P	15.7
8	☐			152.79		P	19.2
9	☐			72.22		P	48.0

156 Dy [He] No available calibration points

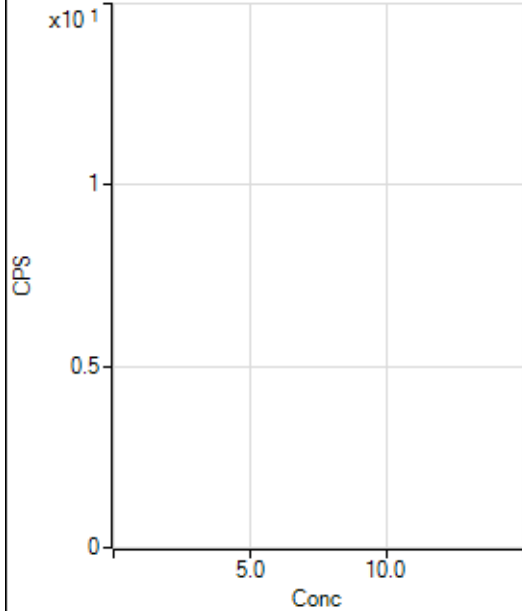
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			1.11		P	173.
3	☐			3.33		P	100.
4	☐			3.33		P	0.0
5	☐			10.00		P	33.3
6	☐			22.22		P	8.7
7	☐			51.11		P	29.4
8	☐			57.78		P	12.0
9	☐			31.11		P	40.6

160 Gd [No Gas] Noavailable calibration poin_

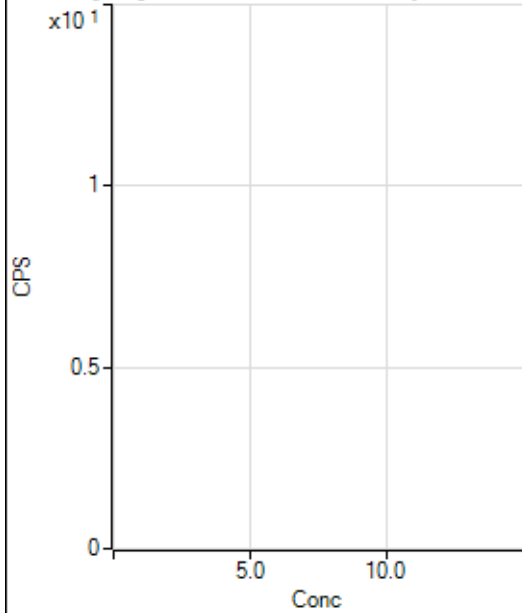
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			61.11		P	41.7
2	☐			61.11		P	47.9
3	☐			77.78		P	22.3
4	☐			94.45		P	45.3
5	☐			66.67		P	37.5
6	☐			83.34		P	34.6
7	☐			119.45		P	21.3
8	☐			219.46		P	24.4
9	☐			102.78		P	16.9

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			57.78		P	29.0
2	☐			65.56		P	7.8
3	☐			61.11		P	30.0
4	☐			61.11		P	17.5
5	☐			57.78		P	28.5
6	☐			74.45		P	22.1
7	☐			81.11		P	11.9
8	☐			105.56		P	24.5
9	☐			80.00		P	12.5

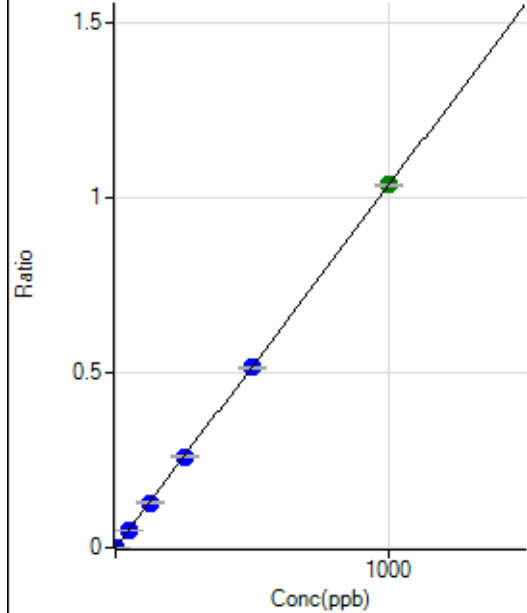
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.56		P	41.7
2	☐			36.11		P	26.7
3	☐			58.34		P	24.7
4	☐			41.67		P	34.6
5	☐			38.89		P	44.6
6	☐			44.45		P	65.8
7	☐			33.34		P	43.3
8	☐			63.89		P	37.7
9	☐			55.56		P	48.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	66.7
2	☐			20.00		P	16.7
3	☐			17.78		P	47.2
4	☐			17.78		P	21.7
5	☐			11.11		P	45.8
6	☐			10.00		P	0.0
7	☐			22.22		P	75.5
8	☐			25.56		P	19.9
9	☐			23.34		P	24.7

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	21.9
2	☐	0.100	0.093	672.27	0.0001	P	15.8
3	☐	1.000	0.879	5804.31	0.0009	P	4.2
4	☐	50.000	49.105	323834.25	0.0508	P	1.3
5	☐	125.000	124.547	806822.58	0.1289	P	0.4
6	☐	250.000	250.084	1623206.18	0.2589	P	2.1
7	☐	500.000	496.813	3229097.08	0.5143	P	0.9
8	☐	1000.000	1001.674	6392449.88	1.0370	A	0.4
9	☐			2630.95	0.0005	P	11.2

$$y = 0.0010 * x + 1.0391E-005$$

$$R = 1.0000$$

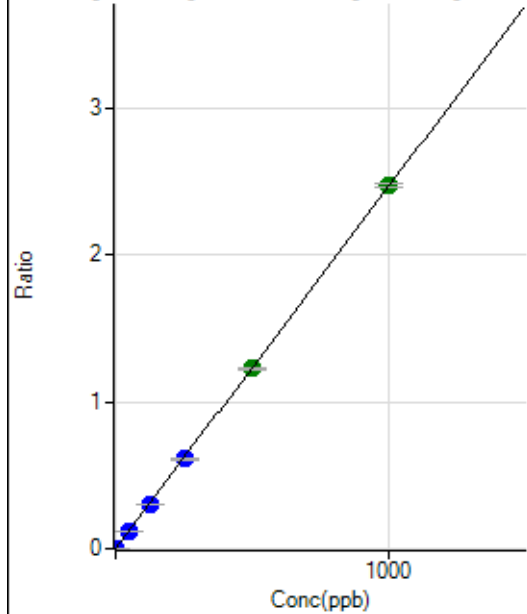
$$DL = 0.006584$$

$$BEC = 0.01004$$

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	191.68	0.0000	P	35.7
2	☐	0.100	0.088	1566.83	0.0002	P	7.3
3	☐	1.000	0.880	13888.35	0.0022	P	1.6
4	☐	50.000	49.009	770697.84	0.1210	P	1.2
5	☐	125.000	123.461	1907112.52	0.3048	P	0.7
6	☐	250.000	248.679	3848832.42	0.6139	P	2.0
7	☐	500.000	497.085	7703769.79	1.2271	A	1.4
8	☐	1000.000	1002.030	15247265.45	2.4735	A	1.0
9	☐			5962.70	0.0011	P	4.7

$$y = 0.0025 * x + 2.9868E-005$$

$$R = 1.0000$$

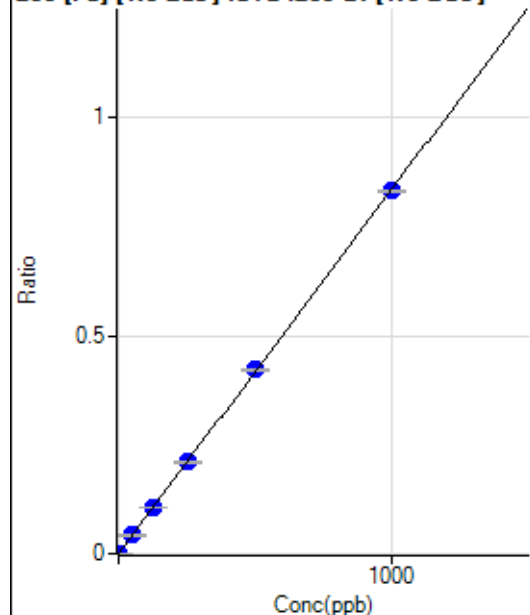
$$DL = 0.01296$$

$$BEC = 0.0121$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	607.44	0.0001	P	2.8
2	☐	0.100	0.075	998.22	0.0002	P	4.6
3	☐	1.000	0.887	5264.15	0.0008	P	4.6
4	☐	50.000	50.110	266875.77	0.0419	P	0.5
5	☐	125.000	125.832	657485.70	0.1051	P	0.6
6	☐	250.000	252.895	1323470.68	0.2111	P	1.8
7	☐	500.000	505.113	2646407.58	0.4215	P	1.0
8	☐	1000.000	996.610	5126359.37	0.8316	P	0.3
9	☐			5966.31	0.0011	P	1.8

$$y = 8.3431\text{E-}004 * x + 9.4653\text{E-}005$$

$$R = 1.0000$$

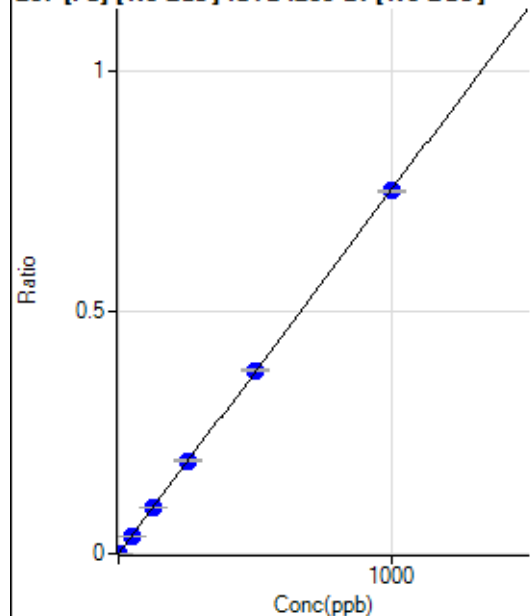
$$DL = 0.009438$$

$$BEC = 0.1135$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	507.43	0.0001	P	11.2
2	☐	0.100	0.090	931.54	0.0001	P	11.4
3	☐	1.000	0.864	4599.07	0.0007	P	4.3
4	☐	50.000	49.863	239518.60	0.0376	P	0.1
5	☐	125.000	126.214	594863.68	0.0951	P	1.0
6	☐	250.000	254.531	1201519.28	0.1916	P	2.1
7	☐	500.000	503.392	2379109.54	0.3789	P	0.9
8	☐	1000.000	997.027	4626232.86	0.7505	P	0.5
9	☐			4778.77	0.0009	P	5.4

$$y = 7.5262\text{E-}004 * x + 7.9094\text{E-}005$$

$$R = 1.0000$$

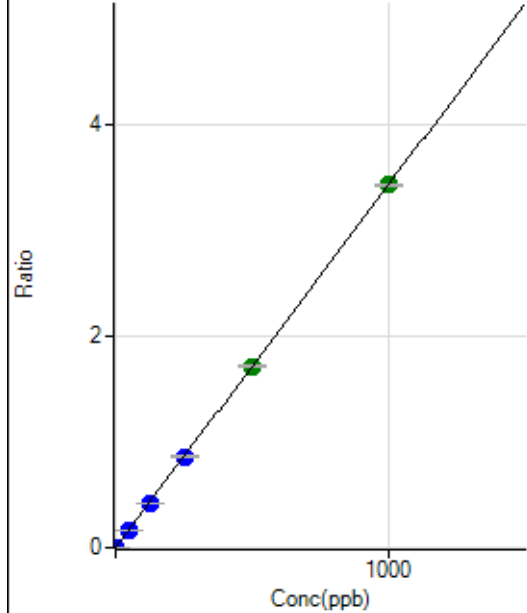
$$DL = 0.0354$$

$$BEC = 0.1051$$

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	2329.77	0.0004	P	8.7
2	☐	0.100	0.084	4115.19	0.0006	P	4.7
3	☐	1.000	0.881	21385.19	0.0034	P	2.3
4	☐	50.000	49.313	1081165.25	0.1698	P	0.2
5	☐	125.000	123.957	2666526.77	0.4262	P	0.6
6	☐	250.000	250.081	5388146.94	0.8594	P	1.9
7	☐	500.000	500.694	10800492.89	1.7203	A	0.5
8	☐	1000.000	999.798	21173259.03	3.4347	A	0.5
9	☐			22860.18	0.0043	P	2.1

$$y = 0.0034 * x + 3.6307E-004$$

$$R = 1.0000$$

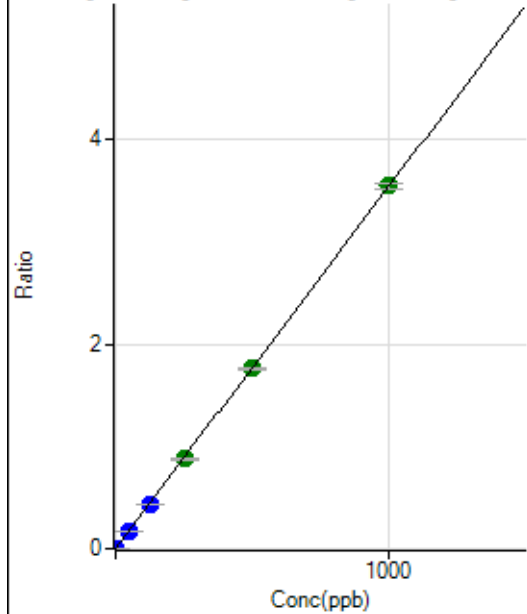
$$DL = 0.02771$$

$$BEC = 0.1057$$

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	177.79	0.0000	P	11.8
2	☐	0.100	0.082	2003.02	0.0003	P	4.6
3	☐	1.000	0.843	18978.40	0.0030	P	1.9
4	☐	50.000	47.934	1079445.39	0.1695	P	0.8
5	☐	125.000	121.386	2685245.89	0.4292	P	1.4
6	☐	250.000	247.258	5480363.19	0.8741	A	2.2
7	☐	500.000	497.222	11036359.97	1.7578	A	0.4
8	☐	1000.000	1002.630	21848230.70	3.5445	A	1.5
9	☐			1850.22	0.0003	P	7.8

$$y = 0.0035 * x + 2.7701E-005$$

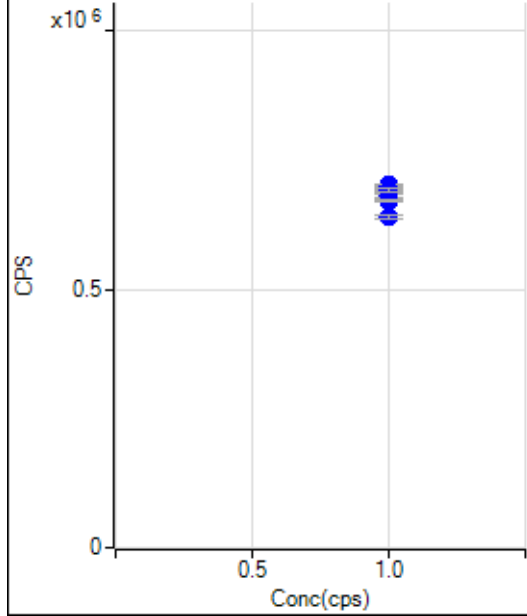
$$R = 1.0000$$

$$DL = 0.00278$$

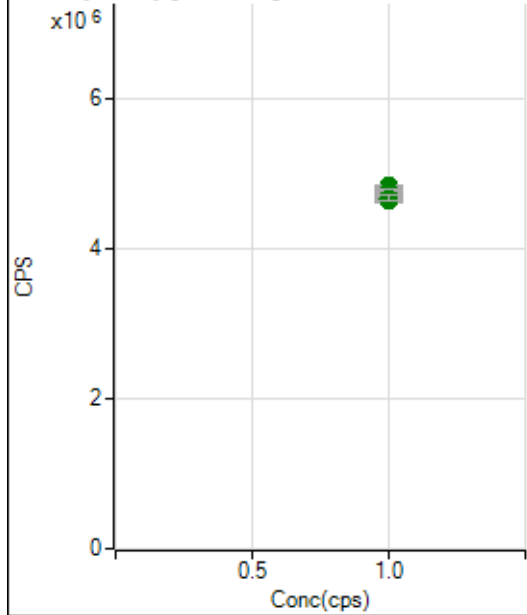
$$BEC = 0.007836$$

Weight: <None>

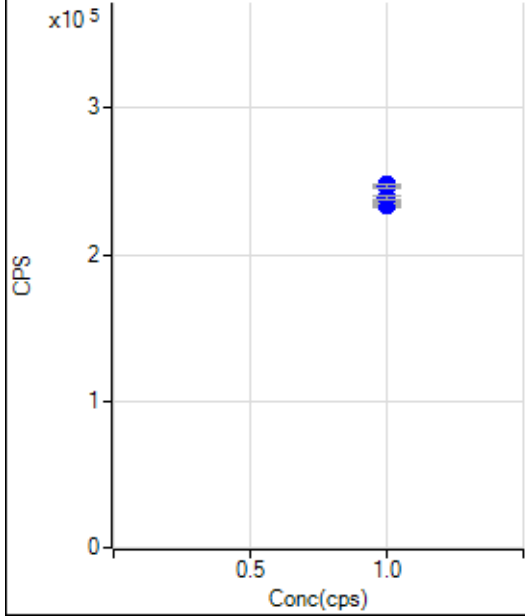
Min Conc: 0

6 Li (ISTD) [No Gas]

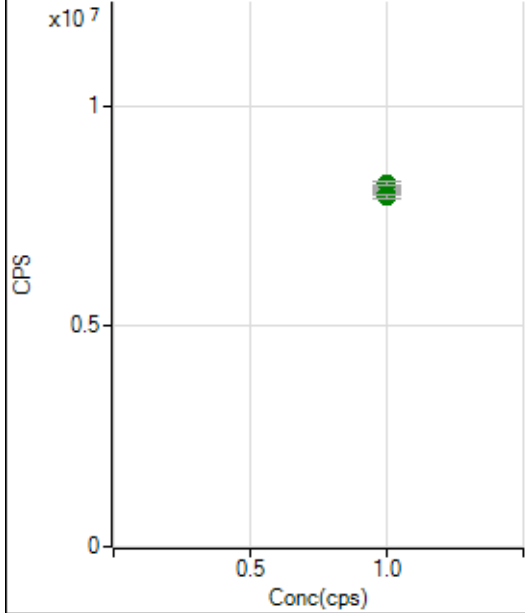
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		680268.00		P	1.0
2	☐	1.000		688817.32		P	1.0
3	☐	1.000		689965.20		P	0.3
4	☐	1.000		702236.04		P	0.8
5	☐	1.000		698695.04		P	1.3
6	☐	1.000		699796.26		P	0.5
7	☐	1.000		693864.96		P	1.0
8	☐	1.000		671041.09		P	0.3
9	☐	1.000		638807.74		P	1.1

45 Sc (ISTD) [No Gas]

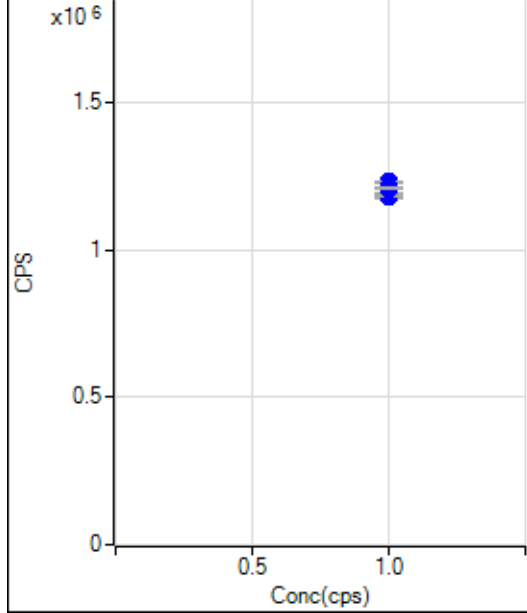
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4844942.25		A	0.8
2	☐	1.000		4689061.48		A	0.3
3	☐	1.000		4665161.26		A	0.1
4	☐	1.000		4684866.21		A	0.4
5	☐	1.000		4648694.59		A	0.7
6	☐	1.000		4704648.19		A	0.5
7	☐	1.000		4729520.07		A	1.4
8	☐	1.000		4782997.20		A	0.7
9	☐	1.000		4686460.04		A	1.3

45 Sc (ISTD) [He]

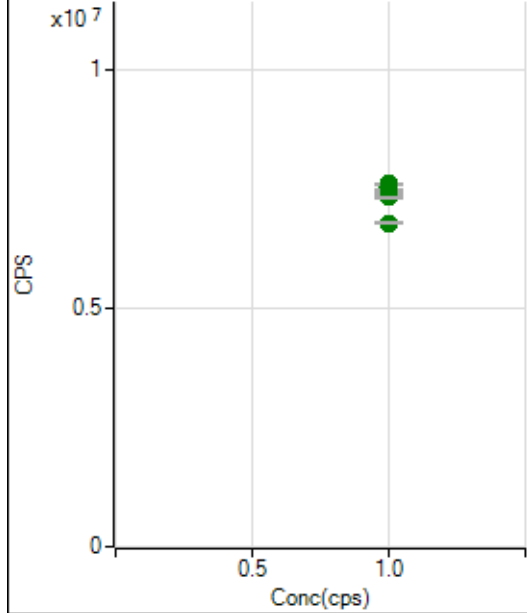
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		235496.25		P	1.0
2	☐	1.000		237175.45		P	0.8
3	☐	1.000		233043.48		P	0.7
4	☐	1.000		233011.59		P	0.2
5	☐	1.000		233652.99		P	0.2
6	☐	1.000		235954.32		P	0.4
7	☐	1.000		238501.17		P	0.9
8	☐	1.000		247628.80		P	0.6
9	☐	1.000		246535.69		P	0.7

89 Y (ISTD) [No Gas]

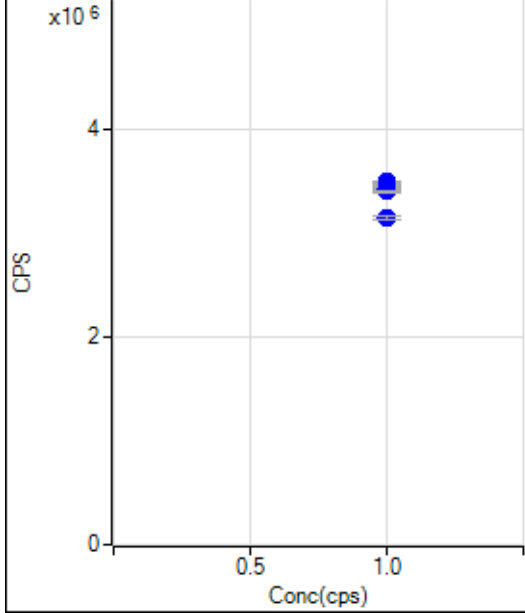
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8176989.53		A	0.8
2	☐	1.000		8065570.78		A	0.7
3	☐	1.000		8060557.10		A	0.4
4	☐	1.000		8068520.78		A	0.4
5	☐	1.000		8033816.48		A	0.9
6	☐	1.000		8088014.53		A	0.6
7	☐	1.000		8115079.74		A	0.2
8	☐	1.000		8229364.88		A	0.9
9	☐	1.000		7940757.94		A	0.7

89 Y(ISTD) [He]

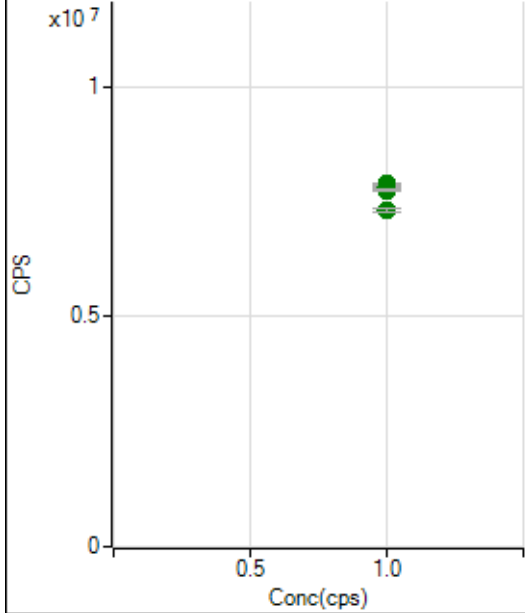
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1187124.92		P	0.7
2	☐	1.000		1185983.79		P	0.5
3	☐	1.000		1182604.44		P	1.4
4	☐	1.000		1177814.21		P	0.6
5	☐	1.000		1178009.43		P	0.3
6	☐	1.000		1182078.40		P	0.7
7	☐	1.000		1207733.18		P	0.8
8	☐	1.000		1229587.80		P	0.4
9	☐	1.000		1210379.43		P	0.6

103 Rh(ISTD) [No Gas]

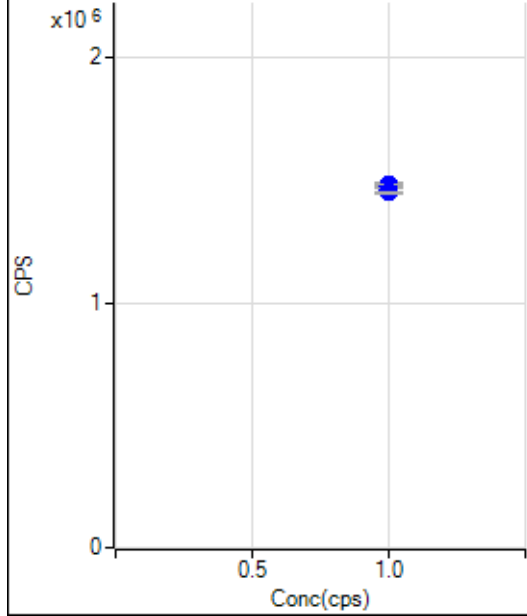
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7592585.76		A	0.8
2	☐	1.000		7475873.17		A	0.8
3	☐	1.000		7520519.26		A	0.9
4	☐	1.000		7483094.18		A	0.5
5	☐	1.000		7436728.81		A	1.1
6	☐	1.000		7435360.32		A	0.1
7	☐	1.000		7365044.17		A	0.2
8	☐	1.000		7312919.17		A	0.3
9	☐	1.000		6780308.40		A	0.5

103 Rh (ISTD) [He]

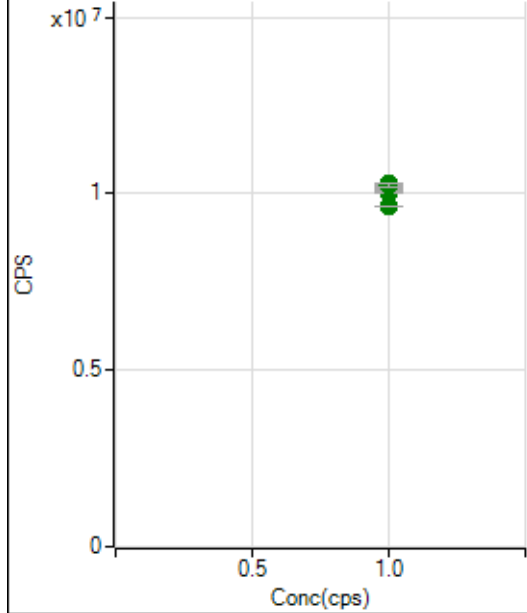
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3487328.49		P	0.6
2	☐	1.000		3501348.42		P	0.8
3	☐	1.000		3459299.08		P	0.6
4	☐	1.000		3469797.66		P	0.4
5	☐	1.000		3446805.92		P	0.6
6	☐	1.000		3427202.14		P	0.6
7	☐	1.000		3437184.08		P	1.3
8	☐	1.000		3407236.34		P	0.2
9	☐	1.000		3160245.54		P	1.1

115 In (ISTD) [No Gas]

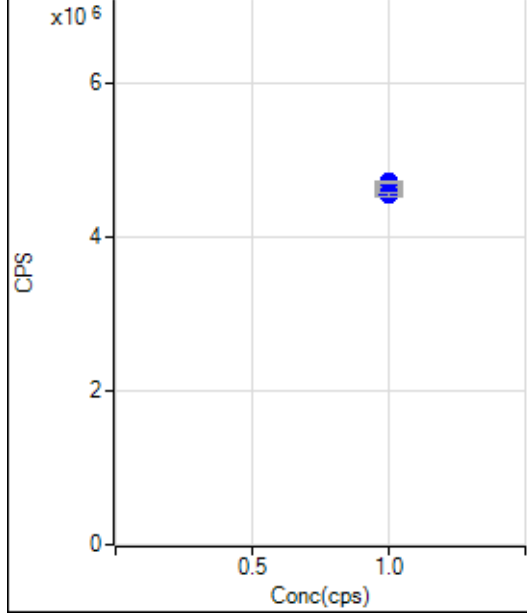
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7865802.00		A	0.8
2	☐	1.000		7788729.31		A	0.5
3	☐	1.000		7789753.22		A	1.0
4	☐	1.000		7893730.39		A	0.5
5	☐	1.000		7831935.97		A	0.7
6	☐	1.000		7837666.59		A	0.9
7	☐	1.000		7754571.18		A	0.3
8	☐	1.000		7765460.89		A	0.4
9	☐	1.000		7325951.11		A	0.7

115 In (ISTD) [He]

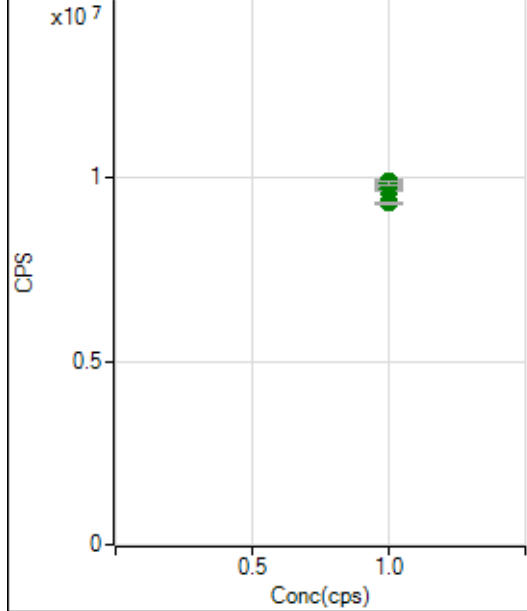
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1481547.97		P	1.2
2	☐	1.000		1476479.40		P	0.8
3	☐	1.000		1462269.30		P	1.9
4	☐	1.000		1475541.63		P	0.6
5	☐	1.000		1476256.32		P	0.8
6	☐	1.000		1471053.26		P	0.4
7	☐	1.000		1474601.50		P	1.3
8	☐	1.000		1476497.46		P	0.6
9	☐	1.000		1449232.57		P	1.0

159 Tb (ISTD) [No Gas]

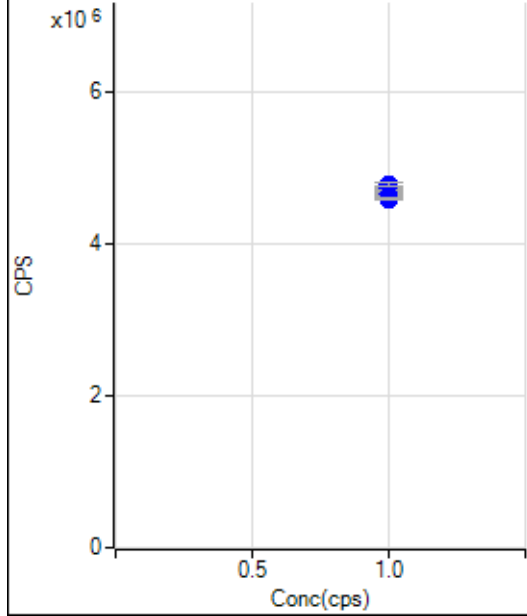
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10112348.39		A	0.5
2	☐	1.000		10042476.52		A	0.6
3	☐	1.000		10135591.30		A	0.2
4	☐	1.000		10165568.39		A	2.1
5	☐	1.000		10107561.66		A	0.2
6	☐	1.000		10062496.59		A	0.6
7	☐	1.000		10276262.07		A	0.4
8	☐	1.000		10230883.32		A	1.0
9	☐	1.000		9641428.67		A	0.4

159 Tb (ISTD) [He]

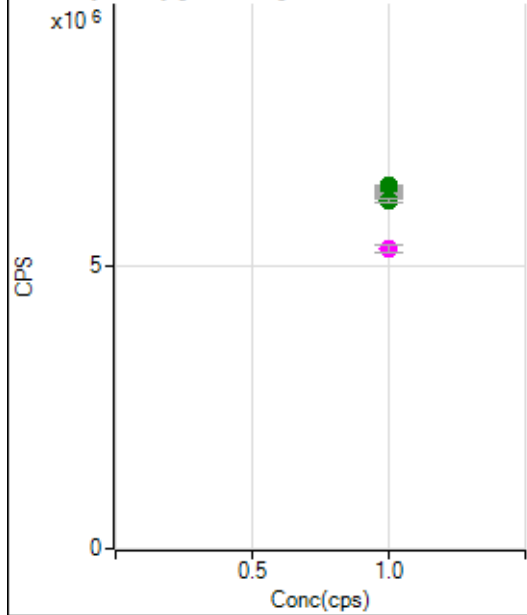
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4599729.34		P	0.9
2	☐	1.000		4619351.07		P	0.5
3	☐	1.000		4570613.30		P	1.2
4	☐	1.000		4654178.96		P	0.3
5	☐	1.000		4652741.39		P	0.6
6	☐	1.000		4668748.40		P	0.4
7	☐	1.000		4692887.33		P	2.0
8	☐	1.000		4719782.91		P	0.5
9	☐	1.000		4546387.64		P	1.3

165 Ho (ISTD) [No Gas]

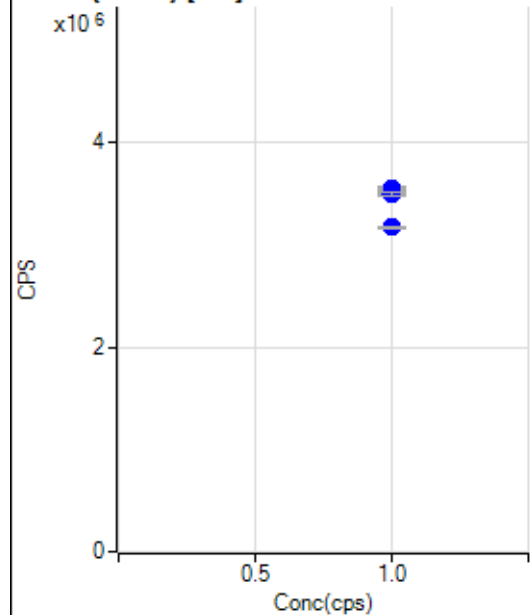
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9891075.74		A	0.9
2	☐	1.000		9723540.15		A	0.6
3	☐	1.000		9645351.34		A	0.5
4	☐	1.000		9797194.49		A	1.0
5	☐	1.000		9689345.61		A	0.9
6	☐	1.000		9824413.41		A	0.3
7	☐	1.000		9854224.00		A	1.1
8	☐	1.000		9855893.36		A	0.6
9	☐	1.000		9315883.11		A	0.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4637453.09		P	1.1
2	☐	1.000		4661918.02		P	0.3
3	☐	1.000		4608412.12		P	0.9
4	☐	1.000		4658627.64		P	0.6
5	☐	1.000		4664230.66		P	0.9
6	☐	1.000		4706865.24		P	0.8
7	☐	1.000		4731865.70		P	1.1
8	☐	1.000		4774991.11		P	1.0
9	☐	1.000		4591093.20		P	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6418071.57		A	0.5
2	☐	1.000		6332878.38		A	0.7
3	☐	1.000		6306679.35		A	0.5
4	☐	1.000		6369037.19		A	0.2
5	☐	1.000		6257114.63		A	0.3
6	☐	1.000		6270911.85		A	1.6
7	☐	1.000		6278534.49		A	0.7
8	☐	1.000		6164724.63		A	1.2
9	☐	1.000		5312452.52		M	2.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3537643.31		P	0.8
2	☐	1.000		3547705.89		P	0.2
3	☐	1.000		3506749.32		P	0.8
4	☐	1.000		3544948.70		P	1.2
5	☐	1.000		3539770.02		P	1.0
6	☐	1.000		3518820.05		P	1.0
7	☐	1.000		3510240.57		P	0.2
8	☐	1.000		3498462.87		P	1.1
9	☐	1.000		3170313.43		P	0.2

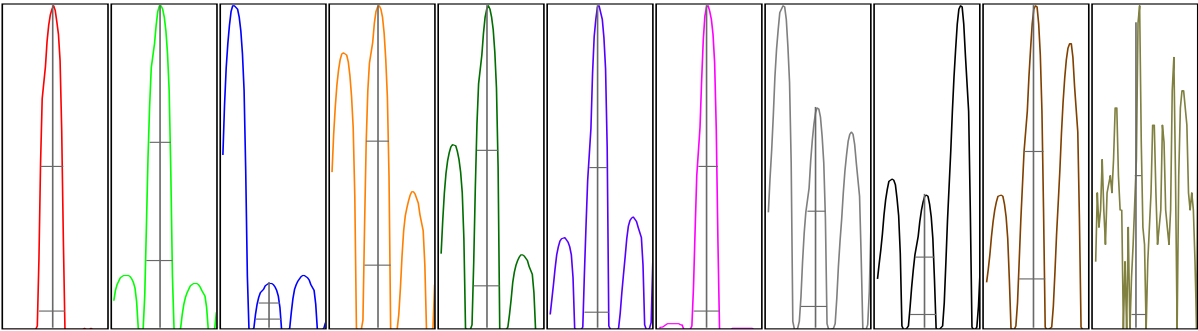
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7101717-MS_#2.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	4136	1.13	5.00	
24	249092	1.36	5.00	
25	36407	1.01	5.00	
26	42012	1.28	5.00	
59	51760	1.59	5.00	
113	21105	1.11	5.00	
115	427722	1.08	5.00	
206	18643	1.33	5.00	
207	17210	1.70	5.00	
208	39579	1.26	5.00	
220	0	23.21		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	4143	4132	4098	4095	4210
24	246945	251086	246254	254117	247056
25	36107	36868	36088	36733	36239
26	41579	42385	41517	42759	41823
59	50588	52352	51634	52718	51509
113	20866	20882	21379	21296	21103
115	428493	420043	431489	431080	427505
206	18551	18281	18853	18641	18891
207	17311	16869	17404	16935	17532
208	39632	38949	40069	39203	40043
220	0	0	0	0	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	7072	8.95	8.9 - 9.1		0.779	0.900	
24	412745	23.90	23.9 - 24.1		0.767	0.900	
25	58877	24.90	24.9 - 25.1		0.744	0.900	
26	68780	25.90	25.9 - 26.1		0.749	0.900	
59	87711	58.90	58.9 - 59.1		0.756	0.900	
113	39556	112.95	112.9 - 113.1		0.732	0.900	
115	791898	114.95	114.9 - 115.1		0.772	0.900	
206	34226	205.95	205.9 - 206.1		0.762	0.900	
207	30490	206.95	206.9 - 207.1		0.754	0.900	
208	73616	207.95	207.9 - 208.1		0.749	0.900	
220	1	219.75	-		0.426		

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	10.0	V	Deflect	13.6	V
Extract 2	-235.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-95	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	14440	0.40	
89	6602	0.30	
205	16203	0.25	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	14508	14431	14362	14484	14413
89	6632	6591	6591	6613	6585
205	16181	16225	16235	16144	16232

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	10.0	V	Deflect	2.6	V
Extract 2	-240.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-110	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 :	LB90939	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:19:32	DataFile Name :	003CALB_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.20	-0.40	0.20	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	-0.01	0.00	0.00	N/A	ppb
Barium	135-1	0.01	-0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.01	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.06	-0.05	0.00	0.00	N/A	ppb
Boron	11-1	0.06	-0.09	0.04	0.00	N/A	ppb
Cadmium	111-1	0.01	-0.02	0.01	0.00	N/A	ppb
Cadmium	106-1	0.15	-0.28	0.13	0.00	N/A	ppb
Cadmium	108-1	-0.04	0.08	-0.04	0.00	N/A	ppb
Calcium	43-1	1.71	-0.13	-1.58	0.00	N/A	ppb
Calcium	44-1	2.00	-4.46	2.46	0.00	N/A	ppb
Chromium	52-2	0.00	-0.03	0.03	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.02	-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	0.07	-0.03	-0.04	0.00	N/A	ppb
Iron	57-2	-1.20	0.18	1.01	0.00	N/A	ppb
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.01	0.01	-0.01	0.00	N/A	ppb
Lead	208-1	-0.01	0.01	-0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.18	0.16	-0.34	0.00	N/A	ppb
Manganese	55-2	-0.02	0.01	0.01	0.00	N/A	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:19:32	DataFile Name :	003CALB_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	-0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.00	0.02	0.00	N/A	ppb
Molybdenum	97-1	0.00	-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	0.04	-0.03	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-10.00	0.17	-10.12	-6.65		ppb
Potassium	39-2	-1.50	-5.38	6.88	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	-1.03	1.18	-0.15	0.00	N/A	ppb
Selenium	82-1	0.37	-0.53	0.16	0.00	N/A	ppb
Silicon	28-1	0.61	-0.63	0.02	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	-0.91	0.59	0.32	0.00	N/A	ppb
Strontium	86-1	-0.01	-0.02	0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-534.68	-946.56	-587.94	-689.73		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.01	0.01	0.00	N/A	ppb
Titanium	47-1	0.02	0.01	-0.04	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	-0.01	0.01	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.12	0.18	-0.06	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.00	0.01	0.00	N/A	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:19:32	DataFile Name :	003CALB_P7101717-MS

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

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S01	Instrumnet Name :	P7
Client Sample ID :	S01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:22:59	DataFile Name :	004CALS_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.84	1.24	1.49	1.86	46.47	ppb
Antimony	121-1	0.16	0.18	0.18	0.17	6.05	ppb
Arsenic	75-2	0.06	0.08	0.06	0.07	17.89	ppb
Barium	135-1	0.81	0.83	0.92	0.86	6.96	ppb
Barium	137-1	0.93	0.82	0.91	0.89	6.70	ppb
Beryllium	9-1	0.05	0.08	0.07	0.07	21.03	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	1.85	2.63	1.82	2.10	21.90	ppb
Boron	11-1	1.78	1.75	1.81	1.78	1.91	ppb
Cadmium	111-1	0.09	0.13	0.10	0.10	19.09	ppb
Cadmium	106-1	-0.04	0.62	0.03	0.20	180.55	ppb
Cadmium	108-1	0.18	0.05	0.27	0.17	65.33	ppb
Calcium	43-1	38.11	36.04	50.07	41.41	18.29	ppb
Calcium	44-1	46.93	47.05	48.63	47.54	2.00	ppb
Chromium	52-2	0.13	0.24	0.16	0.18	32.03	ppb
Cobalt	59-2	0.10	0.09	0.08	0.09	11.29	ppb
Copper	63-2	0.20	0.22	0.19	0.21	7.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	4.46	4.77	4.47	4.57	3.83	ppb
Iron	57-2	5.64	4.76	5.32	5.24	8.50	ppb
Lead	206-1	0.07	0.09	0.07	0.08	11.46	ppb
Lead	207-1	0.12	0.08	0.07	0.09	24.70	ppb
Lead	208-1	0.09	0.08	0.08	0.08	10.58	ppb
Lithium	6-1				101		%
Magnesium	24-2	42.21	46.45	45.27	44.64	4.90	ppb
Manganese	55-2	0.10	0.10	0.10	0.10	1.40	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S01	Instrumnet Name :	P7
Client Sample ID :	S01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:22:59	DataFile Name :	004CAL5_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.19	0.20	0.19	0.19	2.79	ppb
Molybdenum	95-1	0.46	0.51	0.41	0.46	10.73	ppb
Molybdenum	96-1	0.38	0.42	0.40	0.40	4.44	ppb
Molybdenum	97-1	0.45	0.44	0.40	0.43	6.37	ppb
Molybdenum	98-1	0.40	0.43	0.42	0.42	3.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.16	0.11	0.11	44.37	ppb
Phosphorus	31-2	0.00	5.70	11.36	5.69	99.85	ppb
Potassium	39-2	35.96	29.34	35.03	33.44	10.71	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				101		%
Selenium	77-2	1.11	0.00	0.55	0.55	100.30	ppb
Selenium	78-2	0.09	-0.50	-0.22	-0.21		ppb
Selenium	82-1	-0.47	-0.52	0.17	-0.27		ppb
Silicon	28-1	4.44	4.95	4.75	4.71	5.51	ppb
Silver	109-1	0.09	0.08	0.09	0.08	6.71	ppb
Silver	107-1	0.10	0.09	0.10	0.09	6.93	ppb
Sodium	23-2	46.18	46.30	43.63	45.37	3.33	ppb
Strontium	86-1	0.08	0.03	0.02	0.04	77.30	ppb
Strontium	88-1	0.10	0.09	0.09	0.10	1.82	ppb
Sulfur	34-1	216.81	408.47	463.95	363.08	35.71	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.09	0.11	0.08	0.09	17.48	ppb
Thallium	205-1	0.09	0.10	0.08	0.09	8.33	ppb
Tin	118-1	0.43	0.44	0.43	0.43	1.11	ppb
Titanium	47-1	0.30	0.42	0.42	0.38	18.52	ppb
Uranium	238-1	0.08	0.08	0.09	0.08	5.05	ppb
Vanadium	51-2	0.40	0.38	0.46	0.42	9.33	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	0.30	0.15	0.01	0.15	96.02	ppb
Zirconium	90-1	0.07	0.08	0.08	0.08	3.01	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S01	Instrumnet Name :	P7
Client Sample ID :	S01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:22:59	DataFile Name :	004CALS_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.11	0.09	0.09	21.51	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:27:07	DataFile Name :	005CALS_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.15	14.81	17.11	16.02	7.19	ppb
Antimony	121-1	1.82	1.77	1.72	1.77	2.89	ppb
Arsenic	75-2	0.88	0.79	0.98	0.88	10.56	ppb
Barium	135-1	8.80	8.64	8.44	8.63	2.07	ppb
Barium	137-1	8.42	8.37	8.37	8.39	0.34	ppb
Beryllium	9-1	0.82	0.87	0.88	0.86	4.12	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	20.63	21.13	20.66	20.81	1.37	ppb
Boron	11-1	20.05	20.14	21.68	20.62	4.46	ppb
Cadmium	111-1	0.81	0.84	0.81	0.82	2.56	ppb
Cadmium	106-1	-0.06	0.12	0.60	0.22	156.55	ppb
Cadmium	108-1	1.04	0.92	1.17	1.05	11.84	ppb
Calcium	43-1	399.96	405.14	401.27	402.12	0.67	ppb
Calcium	44-1	417.60	415.80	414.75	416.05	0.35	ppb
Chromium	52-2	1.99	1.93	1.93	1.95	1.77	ppb
Cobalt	59-2	0.90	0.91	0.96	0.92	3.46	ppb
Copper	63-2	1.77	2.02	1.82	1.87	6.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	47.40	48.15	47.76	47.77	0.79	ppb
Iron	57-2	51.61	44.62	42.65	46.29	10.16	ppb
Lead	206-1	0.94	0.85	0.87	0.89	5.17	ppb
Lead	207-1	0.89	0.89	0.82	0.86	4.84	ppb
Lead	208-1	0.91	0.88	0.86	0.88	2.57	ppb
Lithium	6-1				101		%
Magnesium	24-2	448.91	446.16	452.83	449.30	0.75	ppb
Manganese	55-2	0.91	0.86	0.88	0.88	2.80	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:27:07	DataFile Name :	005CAL5_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.83	1.89	1.79	1.84	2.82	ppb
Molybdenum	95-1	4.40	4.28	4.46	4.38	2.07	ppb
Molybdenum	96-1	3.77	3.73	3.80	3.76	0.96	ppb
Molybdenum	97-1	4.30	4.12	4.27	4.23	2.28	ppb
Molybdenum	98-1	4.20	4.26	4.33	4.26	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.20	1.04	0.99	1.08	10.04	ppb
Phosphorus	31-2	-0.58	0.92	2.55	0.96	162.82	ppb
Potassium	39-2	430.73	429.20	426.71	428.88	0.47	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				99		%
Selenium	77-2	3.94	6.60	3.31	4.62	37.78	ppb
Selenium	78-2	3.47	3.93	4.42	3.94	12.02	ppb
Selenium	82-1	3.55	3.84	3.42	3.60	5.97	ppb
Silicon	28-1	17.76	16.40	17.59	17.25	4.30	ppb
Silver	109-1	0.85	0.95	0.83	0.88	7.37	ppb
Silver	107-1	0.94	0.94	0.93	0.94	0.86	ppb
Sodium	23-2	454.81	463.70	463.06	460.52	1.08	ppb
Strontium	86-1	0.83	0.78	0.92	0.84	8.32	ppb
Strontium	88-1	0.89	0.94	0.87	0.90	3.99	ppb
Sulfur	34-1	346.52	362.57	270.87	326.65	14.99	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.88	0.92	0.84	0.88	4.25	ppb
Thallium	205-1	0.90	0.87	0.87	0.88	1.59	ppb
Tin	118-1	4.13	4.23	4.36	4.24	2.72	ppb
Titanium	47-1	4.36	4.26	4.25	4.29	1.45	ppb
Uranium	238-1	0.83	0.86	0.84	0.84	1.95	ppb
Vanadium	51-2	4.44	4.41	4.38	4.41	0.72	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	1.78	1.93	1.96	1.89	5.07	ppb
Zirconium	90-1	0.82	0.79	0.84	0.82	2.76	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:27:07	DataFile Name :	005CALS_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.87	0.85	0.80	0.84	4.10	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:30:53	DataFile Name :	006CAL5_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	977.25	987.87	986.11	983.74	0.58	ppb
Antimony	121-1	48.72	50.39	48.34	49.15	2.22	ppb
Arsenic	75-2	50.80	49.26	49.99	50.02	1.54	ppb
Barium	135-1	246.84	253.82	240.74	247.13	2.65	ppb
Barium	137-1	245.07	251.70	244.11	246.96	1.67	ppb
Beryllium	9-1	49.33	50.06	49.98	49.79	0.81	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	49.90	50.34	48.87	49.70	1.51	ppb
Boron	11-1	47.01	48.77	49.57	48.45	2.70	ppb
Cadmium	111-1	51.02	52.22	49.82	51.02	2.35	ppb
Cadmium	106-1	48.93	50.98	49.48	49.80	2.13	ppb
Cadmium	108-1	49.78	51.22	47.77	49.59	3.49	ppb
Calcium	43-1	4579.05	4602.50	4597.83	4593.13	0.27	ppb
Calcium	44-1	4686.02	4709.60	4679.03	4691.55	0.34	ppb
Chromium	52-2	52.13	51.95	52.08	52.05	0.17	ppb
Cobalt	59-2	52.42	53.27	53.17	52.95	0.88	ppb
Copper	63-2	107.30	108.51	108.59	108.13	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	2669.66	2664.20	2645.09	2659.65	0.49	ppb
Iron	57-2	2599.79	2629.50	2647.11	2625.47	0.91	ppb
Lead	206-1	50.27	49.81	50.26	50.11	0.52	ppb
Lead	207-1	49.82	49.91	49.86	49.86	0.09	ppb
Lead	208-1	49.34	49.23	49.37	49.31	0.16	ppb
Lithium	6-1				103		%
Magnesium	24-2	5154.81	5184.28	5192.06	5177.05	0.38	ppb
Manganese	55-2	101.00	103.95	104.55	103.17	1.84	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:30:53	DataFile Name :	006CAL5_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	49.64	49.61	49.43	49.56	0.23	ppb
Molybdenum	95-1	50.42	49.61	50.07	50.03	0.82	ppb
Molybdenum	96-1	49.93	50.64	50.01	50.19	0.78	ppb
Molybdenum	97-1	49.80	50.19	48.60	49.53	1.67	ppb
Molybdenum	98-1	50.44	49.58	48.48	49.50	1.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.40	53.52	55.02	54.31	1.38	ppb
Phosphorus	31-2	970.23	1032.11	1013.97	1005.44	3.16	ppb
Potassium	39-2	2480.98	2477.46	2502.62	2487.02	0.55	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	77-2	41.41	48.53	36.54	42.16	14.30	ppb
Selenium	78-2	51.63	49.28	49.15	50.02	2.79	ppb
Selenium	82-1	49.54	48.95	50.31	49.60	1.37	ppb
Silicon	28-1	61.65	61.78	60.71	61.38	0.94	ppb
Silver	109-1	50.85	51.63	50.02	50.83	1.58	ppb
Silver	107-1	51.76	52.31	49.71	51.26	2.68	ppb
Sodium	23-2	5307.38	5337.21	5372.04	5338.87	0.61	ppb
Strontium	86-1	49.08	49.64	49.33	49.35	0.56	ppb
Strontium	88-1	50.27	49.62	49.87	49.92	0.65	ppb
Sulfur	34-1	1059.64	1371.96	1193.79	1208.46	12.96	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	49.66	48.41	49.25	49.10	1.30	ppb
Thallium	205-1	49.40	48.36	49.26	49.01	1.15	ppb
Tin	118-1	49.45	50.99	48.65	49.70	2.39	ppb
Titanium	47-1	50.25	50.17	49.78	50.07	0.51	ppb
Uranium	238-1	48.39	47.70	47.72	47.93	0.82	ppb
Vanadium	51-2	50.02	50.99	51.24	50.75	1.26	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	105.33	104.87	106.88	105.69	1.00	ppb
Zirconium	90-1	48.81	49.20	48.73	48.91	0.52	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:30:53	DataFile Name :	006CALS_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.50	49.36	48.69	49.18	0.89	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:34:40	DataFile Name :	007CAL5_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2457.34	2496.90	2425.96	2460.07	1.45	ppb
Antimony	121-1	121.76	124.14	122.91	122.94	0.97	ppb
Arsenic	75-2	124.63	125.95	124.98	125.19	0.55	ppb
Barium	135-1	620.15	622.83	623.64	622.21	0.29	ppb
Barium	137-1	611.26	618.90	615.48	615.21	0.62	ppb
Beryllium	9-1	124.50	125.44	124.11	124.69	0.55	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Boron	10-1	116.41	120.41	123.09	119.97	2.80	ppb
Boron	11-1	123.53	119.51	121.64	121.56	1.65	ppb
Cadmium	111-1	127.25	127.31	127.53	127.37	0.11	ppb
Cadmium	106-1	127.56	123.58	127.02	126.05	1.71	ppb
Cadmium	108-1	126.27	129.72	126.20	127.40	1.58	ppb
Calcium	43-1	11518.69	11440.62	11692.60	11550.64	1.12	ppb
Calcium	44-1	11687.86	11719.09	11823.91	11743.62	0.61	ppb
Chromium	52-2	129.21	128.67	127.63	128.50	0.62	ppb
Cobalt	59-2	130.26	132.02	131.73	131.34	0.72	ppb
Copper	63-2	264.10	266.69	265.02	265.27	0.49	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				98		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	6571.97	6554.30	6620.30	6582.19	0.52	ppb
Iron	57-2	6529.72	6641.45	6514.76	6561.98	1.06	ppb
Lead	206-1	125.01	126.29	126.19	125.83	0.57	ppb
Lead	207-1	125.32	127.59	125.73	126.21	0.95	ppb
Lead	208-1	123.26	124.74	123.87	123.96	0.60	ppb
Lithium	6-1				103		%
Magnesium	24-2	12727.83	12826.21	12670.65	12741.56	0.62	ppb
Manganese	55-2	253.02	255.55	253.26	253.94	0.55	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:34:40	DataFile Name :	007CAL5_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	121.18	126.13	123.57	123.63	2.00	ppb
Molybdenum	95-1	125.68	125.03	123.87	124.86	0.74	ppb
Molybdenum	96-1	124.68	127.69	123.84	125.40	1.61	ppb
Molybdenum	97-1	124.29	124.75	125.12	124.72	0.34	ppb
Molybdenum	98-1	121.57	124.75	122.91	123.08	1.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.97	132.55	131.43	131.98	0.42	ppb
Phosphorus	31-2	2432.22	2562.95	2500.90	2498.69	2.62	ppb
Potassium	39-2	6177.24	6253.41	6141.06	6190.57	0.93	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				99		%
Selenium	77-2	128.73	114.45	132.13	125.10	7.50	ppb
Selenium	78-2	124.75	129.04	124.83	126.21	1.94	ppb
Selenium	82-1	124.40	125.29	124.26	124.65	0.45	ppb
Silicon	28-1	147.58	146.97	149.39	147.98	0.85	ppb
Silver	109-1	125.30	126.53	125.31	125.71	0.56	ppb
Silver	107-1	125.44	127.41	127.42	126.76	0.90	ppb
Sodium	23-2	12913.90	13056.86	12913.98	12961.58	0.64	ppb
Strontium	86-1	125.04	127.85	122.02	124.97	2.33	ppb
Strontium	88-1	124.70	124.59	122.81	124.03	0.85	ppb
Sulfur	34-1	2863.89	2641.46	2651.46	2718.94	4.62	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	124.97	124.00	124.67	124.55	0.40	ppb
Thallium	205-1	122.62	124.29	123.48	123.46	0.68	ppb
Tin	118-1	121.66	124.75	124.39	123.60	1.36	ppb
Titanium	47-1	125.34	124.85	126.58	125.59	0.71	ppb
Uranium	238-1	119.62	123.12	121.42	121.39	1.44	ppb
Vanadium	51-2	126.73	125.81	126.27	126.27	0.36	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	262.89	265.50	267.36	265.25	0.85	ppb
Zirconium	90-1	122.63	123.89	123.05	123.19	0.52	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:34:40	DataFile Name :	007CALS_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	124.75	124.33	123.23	124.10	0.63	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:38:23	DataFile Name :	008CAL5_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4806.97	4845.76	4868.84	4840.52	0.65	ppb
Antimony	121-1	249.31	253.90	253.42	252.21	1.00	ppb
Arsenic	75-2	249.92	252.79	252.75	251.82	0.65	ppb
Barium	135-1	1262.43	1276.57	1251.38	1263.46	1.00	ppb
Barium	137-1	1236.11	1246.41	1251.98	1244.83	0.65	ppb
Beryllium	9-1	251.11	245.28	245.85	247.41	1.30	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	246.77	246.86	243.00	245.54	0.90	ppb
Boron	11-1	240.18	241.71	247.13	243.01	1.50	ppb
Cadmium	111-1	253.85	258.83	259.41	257.36	1.19	ppb
Cadmium	106-1	251.77	253.38	252.89	252.68	0.33	ppb
Cadmium	108-1	248.80	262.57	254.19	255.18	2.72	ppb
Calcium	43-1	22793.95	22998.21	23442.91	23078.36	1.44	ppb
Calcium	44-1	22905.50	23111.64	23488.41	23168.52	1.28	ppb
Chromium	52-2	253.77	253.52	255.49	254.26	0.42	ppb
Cobalt	59-2	256.53	257.36	259.18	257.69	0.53	ppb
Copper	63-2	520.24	520.06	517.56	519.29	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	12880.02	13103.89	12990.38	12991.43	0.86	ppb
Iron	57-2	12897.93	12961.08	12996.91	12951.97	0.39	ppb
Lead	206-1	256.01	255.13	247.54	252.89	1.84	ppb
Lead	207-1	258.71	256.35	248.53	254.53	2.09	ppb
Lead	208-1	254.10	251.14	245.00	250.08	1.86	ppb
Lithium	6-1				103		%
Magnesium	24-2	25257.20	25389.58	25383.69	25343.49	0.30	ppb
Manganese	55-2	503.94	507.52	508.04	506.50	0.44	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:38:23	DataFile Name :	008CAL5_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	254.71	249.20	250.26	251.39	1.16	ppb
Molybdenum	95-1	254.66	249.48	253.93	252.69	1.11	ppb
Molybdenum	96-1	255.04	251.79	250.55	252.46	0.92	ppb
Molybdenum	97-1	254.13	252.30	246.55	250.99	1.57	ppb
Molybdenum	98-1	249.13	247.87	245.69	247.56	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	258.99	261.28	258.55	259.60	0.57	ppb
Phosphorus	31-2	4853.09	5151.69	4994.57	4999.78	2.99	ppb
Potassium	39-2	12257.36	12371.61	12320.14	12316.37	0.46	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				100		%
Selenium	77-2	245.39	243.50	240.98	243.29	0.91	ppb
Selenium	78-2	260.28	248.33	260.98	256.53	2.77	ppb
Selenium	82-1	250.87	253.31	252.17	252.12	0.49	ppb
Silicon	28-1	292.55	287.49	291.83	290.62	0.94	ppb
Silver	109-1	252.80	253.74	253.31	253.28	0.18	ppb
Silver	107-1	256.86	257.98	256.20	257.01	0.35	ppb
Sodium	23-2	25657.76	25778.67	25517.56	25651.33	0.51	ppb
Strontium	86-1	251.63	251.57	249.62	250.94	0.46	ppb
Strontium	88-1	250.68	249.60	247.03	249.10	0.75	ppb
Sulfur	34-1	4849.69	4475.92	4932.63	4752.75	5.12	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	254.15	251.98	244.11	250.08	2.11	ppb
Thallium	205-1	252.74	250.06	243.24	248.68	1.97	ppb
Tin	118-1	248.78	252.54	254.07	251.80	1.08	ppb
Titanium	47-1	248.33	248.96	251.31	249.53	0.63	ppb
Uranium	238-1	251.02	249.79	240.96	247.26	2.22	ppb
Vanadium	51-2	250.43	254.37	253.34	252.71	0.81	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	522.71	520.87	521.50	521.69	0.18	ppb
Zirconium	90-1	248.34	247.23	249.39	248.32	0.43	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:38:23	DataFile Name :	008CALS_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	252.92	250.79	253.04	252.25	0.50	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:42:01	DataFile Name :	009CAL5_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9681.59	9607.06	9642.76	9643.80	0.39	ppb
Antimony	121-1	493.23	493.19	493.85	493.42	0.07	ppb
Arsenic	75-2	502.75	498.55	499.55	500.28	0.44	ppb
Barium	135-1	2475.10	2462.42	2482.44	2473.32	0.41	ppb
Barium	137-1	2471.51	2454.35	2465.44	2463.77	0.35	ppb
Beryllium	9-1	501.07	491.55	496.14	496.25	0.96	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	480.49	482.53	497.10	486.71	1.86	ppb
Boron	11-1	485.69	484.60	499.88	490.06	1.74	ppb
Cadmium	111-1	499.38	503.74	503.32	502.15	0.48	ppb
Cadmium	106-1	491.76	498.04	506.71	498.84	1.50	ppb
Cadmium	108-1	489.18	504.69	498.25	497.38	1.57	ppb
Calcium	43-1	46506.21	45988.33	45536.34	46010.30	1.05	ppb
Calcium	44-1	46962.95	46247.14	45970.67	46393.59	1.10	ppb
Chromium	52-2	510.16	506.53	505.96	507.55	0.45	ppb
Cobalt	59-2	514.59	514.60	511.24	513.48	0.38	ppb
Copper	63-2	1026.40	1023.48	1017.60	1022.50	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	26167.77	26139.24	25704.72	26003.91	1.00	ppb
Iron	57-2	25911.76	25783.66	25708.59	25801.34	0.40	ppb
Lead	206-1	499.68	506.44	509.22	505.11	0.97	ppb
Lead	207-1	498.90	503.43	507.85	503.39	0.89	ppb
Lead	208-1	498.73	499.96	503.39	500.69	0.48	ppb
Lithium	6-1				102		%
Magnesium	24-2	50678.53	49634.35	49677.13	49996.67	1.18	ppb
Manganese	55-2	1012.67	1012.28	1003.36	1009.44	0.52	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:42:01	DataFile Name :	009CAL5_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	504.73	503.60	502.74	503.69	0.20	ppb
Molybdenum	95-1	508.35	510.59	503.66	507.53	0.70	ppb
Molybdenum	96-1	509.67	510.38	501.75	507.27	0.94	ppb
Molybdenum	97-1	505.51	504.95	501.57	504.01	0.42	ppb
Molybdenum	98-1	500.97	500.78	493.48	498.41	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	516.96	513.40	514.00	514.79	0.37	ppb
Phosphorus	31-2	9966.47	10025.24	10026.77	10006.16	0.34	ppb
Potassium	39-2	24692.86	24814.78	24465.01	24657.55	0.72	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	77-2	508.47	493.08	493.62	498.39	1.75	ppb
Selenium	78-2	506.97	488.34	519.42	504.91	3.10	ppb
Selenium	82-1	506.20	506.91	508.24	507.12	0.20	ppb
Silicon	28-1	580.32	581.20	574.24	578.59	0.66	ppb
Silver	109-1	488.59	493.47	494.59	492.22	0.65	ppb
Silver	107-1	494.91	501.23	499.75	498.63	0.66	ppb
Sodium	23-2	51266.37	51002.26	50465.50	50911.37	0.80	ppb
Strontium	86-1	502.48	506.75	502.94	504.06	0.46	ppb
Strontium	88-1	500.02	501.98	502.48	501.49	0.26	ppb
Sulfur	34-1	9840.38	9425.20	9047.84	9437.81	4.20	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	491.77	498.69	499.97	496.81	0.89	ppb
Thallium	205-1	489.83	497.63	503.80	497.08	1.41	ppb
Tin	118-1	494.33	498.21	496.08	496.21	0.39	ppb
Titanium	47-1	505.76	505.28	495.28	502.11	1.18	ppb
Uranium	238-1	495.46	499.05	497.16	497.22	0.36	ppb
Vanadium	51-2	505.19	502.10	502.38	503.22	0.34	ppb
Yttrium	89-1				99		%
Yttrium	89-2				102		%
Zinc	66-2	1034.00	1026.46	1030.47	1030.31	0.37	ppb
Zirconium	90-1	509.17	502.36	503.35	504.96	0.73	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:42:01	DataFile Name :	009CALS_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	503.90	506.73	505.66	505.43	0.28	ppb

LB Number : LB90939 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P7
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-17 10:45:37 DataFile Name : 010CAL5_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18972.42	19072.81	18991.97	19012.40	0.28	ppb
Antimony	121-1	1008.96	997.40	1002.75	1003.04	0.58	ppb
Arsenic	75-2	989.77	998.37	1010.00	999.38	1.02	ppb
Barium	135-1	4998.26	5022.55	5010.60	5010.47	0.24	ppb
Barium	137-1	5124.49	4900.94	5036.93	5020.79	2.24	ppb
Beryllium	9-1	1004.40	994.04	1009.28	1002.57	0.78	ppb
Bismuth	209-1				96		%
Bismuth	209-2				99		%
Boron	10-1	996.64	999.63	1029.26	1008.51	1.79	ppb
Boron	11-1	999.67	998.64	1023.69	1007.34	1.41	ppb
Cadmium	111-1	999.29	995.31	995.62	996.74	0.22	ppb
Cadmium	106-1	1004.68	999.18	995.50	999.79	0.46	ppb
Cadmium	108-1	1005.83	996.03	997.35	999.74	0.53	ppb
Calcium	43-1	91018.47	90436.81	91012.99	90822.75	0.37	ppb
Calcium	44-1	93116.12	92749.98	92021.33	92629.14	0.60	ppb
Chromium	52-2	996.57	1001.05	986.24	994.62	0.76	ppb
Cobalt	59-2	985.63	998.60	986.96	990.40	0.72	ppb
Copper	63-2	1987.87	1990.49	1966.48	1981.61	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	51196.47	50901.29	50723.74	50940.50	0.47	ppb
Iron	57-2	50124.12	50855.69	50268.72	50416.17	0.77	ppb
Lead	206-1	998.47	998.65	992.72	996.61	0.34	ppb
Lead	207-1	1002.44	992.79	995.85	997.03	0.49	ppb
Lead	208-1	1005.35	995.19	998.85	999.80	0.51	ppb
Lithium	6-1				99		%
Magnesium	24-2	98191.09	98721.40	96989.31	97967.27	0.91	ppb
Manganese	55-2	1995.81	1998.62	1984.59	1993.01	0.37	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:45:37	DataFile Name :	010CAL5_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1003.61	987.71	1002.73	998.02	0.90	ppb
Molybdenum	95-1	999.50	981.16	1006.08	995.58	1.30	ppb
Molybdenum	96-1	1002.52	989.61	994.97	995.70	0.65	ppb
Molybdenum	97-1	1004.69	987.26	1001.48	997.81	0.93	ppb
Molybdenum	98-1	1017.11	991.20	996.71	1001.67	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	985.79	990.81	990.75	989.12	0.29	ppb
Phosphorus	31-2	19971.85	20257.44	19761.32	19996.87	1.25	ppb
Potassium	39-2	48996.99	49149.57	48459.34	48868.63	0.74	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				105		%
Selenium	77-2	1000.71	1018.31	989.58	1002.87	1.44	ppb
Selenium	78-2	992.45	982.17	1012.68	995.77	1.56	ppb
Selenium	82-1	995.44	994.46	998.05	995.98	0.19	ppb
Silicon	28-1	950.71	941.90	948.49	947.03	0.48	ppb
Silver	109-1	1016.32	1001.11	991.40	1002.94	1.25	ppb
Silver	107-1	1006.02	991.90	998.03	998.65	0.71	ppb
Sodium	23-2	99933.30	101688.36	98629.56	100083.74	1.53	ppb
Strontium	86-1	998.59	1000.31	994.41	997.77	0.30	ppb
Strontium	88-1	990.70	1004.85	1003.25	999.60	0.78	ppb
Sulfur	34-1	20544.35	20247.52	20123.48	20305.12	1.07	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	1005.93	999.43	999.65	1001.67	0.37	ppb
Thallium	205-1	1013.80	998.69	993.60	1002.03	1.05	ppb
Tin	118-1	1018.92	985.09	1000.91	1001.64	1.69	ppb
Titanium	47-1	998.92	999.03	999.02	998.99	0.01	ppb
Uranium	238-1	1019.64	997.26	990.99	1002.63	1.50	ppb
Vanadium	51-2	997.41	1003.03	992.12	997.52	0.55	ppb
Yttrium	89-1				101		%
Yttrium	89-2				104		%
Zinc	66-2	1963.40	1986.57	1981.72	1977.23	0.62	ppb
Zirconium	90-1	999.40	999.42	995.84	998.22	0.21	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:45:37	DataFile Name :	010CALS_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1006.72	990.10	993.81	996.88	0.88	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:49:07	DataFile Name :	011CALS_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101020.38	99856.20	99850.24	100242.28	0.67	ppb
Antimony	121-1	2.94	2.86	2.86	2.89	1.67	ppb
Arsenic	75-2	0.43	0.44	0.40	0.42	4.38	ppb
Barium	135-1	1.52	1.62	1.47	1.54	4.77	ppb
Barium	137-1	1.55	1.53	1.48	1.52	2.32	ppb
Beryllium	9-1	0.27	0.13	0.10	0.17	51.71	ppb
Bismuth	209-1				83		%
Bismuth	209-2				90		%
Boron	10-1	21.44	18.19	16.70	18.77	12.91	ppb
Boron	11-1	19.22	19.38	17.73	18.77	4.85	ppb
Cadmium	111-1	0.09	0.12	0.09	0.10	16.95	ppb
Cadmium	106-1	-0.21	0.40	0.45	0.22	168.91	ppb
Cadmium	108-1	0.09	0.09	0.32	0.17	79.99	ppb
Calcium	43-1	511517.04	494721.43	500836.74	502358.40	1.69	ppb
Calcium	44-1	509946.71	492010.04	503888.65	501948.47	1.82	ppb
Chromium	52-2	14.70	14.94	14.54	14.73	1.37	ppb
Cobalt	59-2	1.18	1.20	1.18	1.19	1.26	ppb
Copper	63-2	2.62	2.51	2.47	2.53	3.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				99		%
Indium	115-1				93		%
Indium	115-2				98		%
Iron	56-2	250157.45	252023.22	246850.45	249677.04	1.05	ppb
Iron	57-2	250264.02	250732.60	248418.32	249804.98	0.49	ppb
Lead	206-1	1.21	1.24	1.26	1.23	1.94	ppb
Lead	207-1	1.03	1.08	1.16	1.09	5.89	ppb
Lead	208-1	1.12	1.15	1.17	1.15	2.26	ppb
Lithium	6-1				94		%
Magnesium	24-2	500462.10	500384.48	500299.26	500381.95	0.02	ppb
Manganese	55-2	7.62	8.12	7.87	7.87	3.16	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:49:07	DataFile Name :	011CAL5_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.99	0.99	0.97	0.98	0.84	ppb
Molybdenum	95-1	2.74	2.79	2.65	2.72	2.51	ppb
Molybdenum	96-1	2.79	2.74	2.80	2.78	1.24	ppb
Molybdenum	97-1	2.63	2.76	2.52	2.64	4.62	ppb
Molybdenum	98-1	2.63	2.59	2.68	2.64	1.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.93	10.03	9.83	9.93	1.01	ppb
Phosphorus	31-2	-2.64	-1.03	0.29	-1.12		ppb
Potassium	39-2	249298.35	251287.74	250228.29	250271.46	0.40	ppb
Rhodium	103-1				89		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				105		%
Selenium	77-2	0.55	1.62	0.54	0.90	69.23	ppb
Selenium	78-2	1.48	1.07	-0.22	0.78	114.80	ppb
Selenium	82-1	0.30	-0.01	-0.29	0.00		ppb
Silicon	28-1	18.23	16.06	15.47	16.58	8.76	ppb
Silver	109-1	0.10	0.11	0.13	0.11	11.16	ppb
Silver	107-1	0.10	0.11	0.14	0.12	17.27	ppb
Sodium	23-2	502361.57	502011.19	495161.21	499844.66	0.81	ppb
Strontium	86-1	36.16	36.60	36.09	36.29	0.76	ppb
Strontium	88-1	35.70	35.87	36.67	36.08	1.44	ppb
Sulfur	34-1	-224.23	-544.05	-337.42	-368.57		ppb
Terbium	159-1				95		%
Terbium	159-2				99		%
Thallium	203-1	0.53	0.43	0.45	0.47	11.47	ppb
Thallium	205-1	0.46	0.45	0.42	0.44	4.81	ppb
Tin	118-1	1.23	1.28	1.17	1.23	4.11	ppb
Titanium	47-1	0.70	0.68	0.75	0.71	4.84	ppb
Uranium	238-1	0.09	0.10	0.08	0.09	8.44	ppb
Vanadium	51-2	0.17	0.17	0.18	0.17	4.70	ppb
Yttrium	89-1				97		%
Yttrium	89-2				102		%
Zinc	66-2	5.34	6.04	5.92	5.77	6.45	ppb
Zirconium	90-1	0.16	0.19	0.16	0.17	7.46	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:49:07	DataFile Name :	011CALS_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.21	0.20	0.24	0.21	10.58	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:07:31	DataFile Name :	012ICV_P7101717-MS_#

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	495.05	517.71	510.43	507.73	2.28	ppb
Antimony	121-1	194.09	192.69	190.10	192.29	1.05	ppb
Arsenic	75-2	198.05	197.40	199.44	198.30	0.53	ppb
Barium	135-1	100.51	99.08	97.65	99.08	1.44	ppb
Barium	137-1	99.63	99.34	98.39	99.12	0.66	ppb
Beryllium	9-1	96.39	94.71	98.95	96.68	2.21	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	484.83	489.64	510.40	494.96	2.75	ppb
Boron	11-1	488.32	488.46	513.12	496.63	2.87	ppb
Cadmium	111-1	106.00	105.27	104.67	105.31	0.63	ppb
Cadmium	106-1	178.07	182.83	178.65	179.85	1.44	ppb
Cadmium	108-1	150.23	146.03	142.04	146.10	2.80	ppb
Calcium	43-1	1931.38	2042.13	2035.65	2003.05	3.10	ppb
Calcium	44-1	1971.71	2030.14	2014.70	2005.51	1.51	ppb
Chromium	52-2	97.20	97.14	97.32	97.22	0.09	ppb
Cobalt	59-2	100.59	101.41	101.39	101.13	0.46	ppb
Copper	63-2	100.81	102.68	103.26	102.25	1.25	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				97		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	1038.24	1040.51	1039.44	1039.40	0.11	ppb
Iron	57-2	991.11	1016.47	1021.54	1009.71	1.61	ppb
Lead	206-1	190.59	196.42	200.81	195.94	2.62	ppb
Lead	207-1	186.55	189.67	190.80	189.01	1.17	ppb
Lead	208-1	185.79	189.79	192.78	189.46	1.85	ppb
Lithium	6-1				100		%
Magnesium	24-2	1175.66	1196.94	1188.86	1187.15	0.91	ppb
Manganese	55-2	97.98	98.40	98.64	98.34	0.34	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:07:31	DataFile Name :	012ICV_P7101717-MS_#

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	493.48	487.13	498.64	493.08	1.17	ppb
Molybdenum	95-1	499.55	495.94	502.20	499.23	0.63	ppb
Molybdenum	96-1	502.39	494.78	504.37	500.51	1.01	ppb
Molybdenum	97-1	498.64	495.71	500.49	498.28	0.48	ppb
Molybdenum	98-1	494.59	489.33	494.25	492.72	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.59	102.61	102.64	101.95	1.15	ppb
Phosphorus	31-2	22.70	-0.92	5.75	9.18	132.69	ppb
Potassium	39-2	1980.69	1961.37	1933.76	1958.61	1.20	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				105		%
Selenium	77-2	207.34	203.24	209.93	206.84	1.63	ppb
Selenium	78-2	197.96	202.70	199.55	200.07	1.21	ppb
Selenium	82-1	198.67	196.42	197.35	197.48	0.57	ppb
Silicon	28-1	566.11	569.41	575.70	570.41	0.85	ppb
Silver	109-1	100.36	99.83	98.21	99.47	1.13	ppb
Silver	107-1	102.06	101.25	100.38	101.23	0.83	ppb
Sodium	23-2	2065.55	2073.16	2071.77	2070.16	0.20	ppb
Strontium	86-1	498.94	494.50	492.84	495.43	0.64	ppb
Strontium	88-1	510.27	503.68	499.61	504.52	1.07	ppb
Sulfur	34-1	462.46	591.06	383.44	478.98	21.88	ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	191.87	192.40	198.64	194.30	1.94	ppb
Thallium	205-1	189.07	192.94	198.58	193.53	2.47	ppb
Tin	118-1	512.23	510.61	503.58	508.81	0.90	ppb
Titanium	47-1	484.21	498.00	495.36	492.52	1.49	ppb
Uranium	238-1	527.01	527.33	530.33	528.22	0.35	ppb
Vanadium	51-2	96.73	95.79	97.28	96.60	0.78	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	201.54	201.86	204.53	202.64	0.81	ppb
Zirconium	90-1	505.55	506.64	505.02	505.73	0.16	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:07:31	DataFile Name :	012ICV_P7101717-MS_#

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	494.34	489.63	494.35	492.77	0.55	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:13:25	DataFile Name :	013CCBE_P7101717-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.38	1.74	0.17	0.76	111.69	ppb
Antimony	121-1	0.34	0.39	0.36	0.36	5.92	ppb
Arsenic	75-2	0.05	0.03	0.03	0.04	32.19	ppb
Barium	135-1	0.01	-0.02	-0.02	-0.01		ppb
Barium	137-1	0.02	0.02	0.00	0.01	59.37	ppb
Beryllium	9-1	0.02	0.04	0.02	0.03	47.04	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Boron	10-1	5.75	6.05	5.73	5.84	3.07	ppb
Boron	11-1	5.94	5.27	4.84	5.35	10.34	ppb
Cadmium	111-1	0.02	-0.05	-0.01	-0.01		ppb
Cadmium	106-1	0.19	-0.68	-0.22	-0.24		ppb
Cadmium	108-1	0.02	0.02	-0.01	0.01	158.95	ppb
Calcium	43-1	3.19	4.35	15.31	7.62	87.75	ppb
Calcium	44-1	45.84	38.49	44.80	43.04	9.24	ppb
Chromium	52-2	0.09	0.00	0.01	0.03	153.10	ppb
Cobalt	59-2	0.01	0.00	0.01	0.00	191.60	ppb
Copper	63-2	-0.01	0.01	0.02	0.01	216.95	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				97		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	1.31	1.33	1.35	1.33	1.51	ppb
Iron	57-2	0.49	1.81	-0.01	0.76	123.19	ppb
Lead	206-1	0.07	0.05	0.05	0.05	18.61	ppb
Lead	207-1	0.07	0.06	0.04	0.06	30.15	ppb
Lead	208-1	0.06	0.06	0.05	0.06	9.50	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.56	1.15	0.99	0.90	33.95	ppb
Manganese	55-2	0.03	0.00	0.02	0.02	75.54	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:13:25	DataFile Name :	013CCBE_P7101717-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.03	0.04	0.05	39.45	ppb
Molybdenum	95-1	0.10	0.10	0.10	0.10	1.59	ppb
Molybdenum	96-1	0.10	0.08	0.06	0.08	22.42	ppb
Molybdenum	97-1	0.13	0.06	0.12	0.10	33.26	ppb
Molybdenum	98-1	0.12	0.10	0.10	0.11	10.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.02	-0.01	0.00	700.76	ppb
Phosphorus	31-2	11.24	0.92	-3.80	2.79	275.88	ppb
Potassium	39-2	12.53	12.99	18.23	14.58	21.71	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				103		%
Selenium	77-2	0.00	0.00	0.55	0.18	173.21	ppb
Selenium	78-2	-0.01	0.62	0.05	0.22	158.15	ppb
Selenium	82-1	-0.69	-2.15	-0.84	-1.23		ppb
Silicon	28-1	2.99	1.22	2.74	2.32	41.32	ppb
Silver	109-1	0.00	0.00	0.00	0.00	31.32	ppb
Silver	107-1	0.01	0.01	0.01	0.01	30.19	ppb
Sodium	23-2	68.20	67.11	68.51	67.94	1.08	ppb
Strontium	86-1	-0.06	-0.01	-0.02	-0.03		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	27.23	ppb
Sulfur	34-1	465.25	-69.15	113.04	169.71	160.07	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	0.02	0.02	0.02	0.02	11.96	ppb
Thallium	205-1	0.02	0.03	0.03	0.03	9.10	ppb
Tin	118-1	0.13	0.09	0.09	0.10	22.16	ppb
Titanium	47-1	-0.07	-0.08	-0.03	-0.06		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	0.47	1.15	1.13	0.91	42.41	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	3.74	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:13:25	DataFile Name :	013CCBE_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.04	0.03	23.36	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:21:49	DataFile Name :	015ICSA_P7101717-MS_

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90258.01	88767.92	90653.26	89893.07	1.11	ppb
Antimony	121-1	1.22	1.25	1.23	1.24	1.24	ppb
Arsenic	75-2	0.29	0.27	0.35	0.30	13.48	ppb
Barium	135-1	1.69	1.47	1.53	1.56	7.14	ppb
Barium	137-1	1.45	1.50	1.42	1.45	2.67	ppb
Beryllium	9-1	0.24	0.28	0.26	0.26	6.23	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Boron	10-1	3.73	4.18	3.52	3.81	8.89	ppb
Boron	11-1	3.31	3.50	3.11	3.31	5.90	ppb
Cadmium	111-1	0.59	0.58	0.76	0.64	15.77	ppb
Cadmium	106-1	-1.55	-1.07	0.05	-0.86		ppb
Cadmium	108-1	12.01	11.82	10.78	11.54	5.73	ppb
Calcium	43-1	91012.29	90397.10	90315.33	90574.91	0.42	ppb
Calcium	44-1	93194.63	93534.27	92347.90	93025.60	0.66	ppb
Chromium	52-2	19.83	19.94	19.83	19.87	0.32	ppb
Cobalt	59-2	1.18	1.22	1.19	1.20	1.50	ppb
Copper	63-2	8.58	8.21	8.32	8.37	2.30	ppb
Dysprosium	156-1						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				98		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	100986.16	98944.23	101679.62	100536.67	1.41	ppb
Iron	57-2	98891.74	97683.70	98473.35	98349.60	0.62	ppb
Lead	206-1	4.86	4.82	4.68	4.78	1.95	ppb
Lead	207-1	4.10	4.18	4.10	4.12	1.22	ppb
Lead	208-1	4.37	4.38	4.31	4.35	0.80	ppb
Lithium	6-1				93		%
Magnesium	24-2	98754.01	98024.82	97546.58	98108.47	0.62	ppb
Manganese	55-2	8.13	7.86	8.25	8.08	2.47	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:21:49	DataFile Name :	015ICSA_P7101717-MS_

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	569.17	567.90	571.31	569.46	0.30	ppb
Molybdenum	95-1	1918.57	1904.11	1898.82	1907.17	0.54	ppb
Molybdenum	96-1	1601.30	1606.60	1607.33	1605.08	0.20	ppb
Molybdenum	97-1	1888.34	1857.36	1868.66	1871.45	0.84	ppb
Molybdenum	98-1	1946.79	1894.64	1886.78	1909.40	1.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.23	5.54	5.47	5.42	2.97	ppb
Phosphorus	31-2	97624.36	97126.53	100119.02	98289.97	1.63	ppb
Potassium	39-2	97895.05	97935.16	97989.86	97940.02	0.05	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				102		%
Selenium	77-2	1.65	0.00	0.54	0.73	115.01	ppb
Selenium	78-2	1.15	0.85	1.55	1.19	29.52	ppb
Selenium	82-1	-1.20	-1.54	-2.27	-1.67		ppb
Silicon	28-1	33.87	34.80	33.67	34.11	1.76	ppb
Silver	109-1	0.14	0.16	0.19	0.16	13.69	ppb
Silver	107-1	0.14	0.16	0.18	0.16	11.30	ppb
Sodium	23-2	100247.10	99639.30	100888.38	100258.26	0.62	ppb
Strontium	86-1	32.67	33.14	34.02	33.28	2.06	ppb
Strontium	88-1	33.09	32.68	32.82	32.86	0.64	ppb
Sulfur	34-1	85280.56	83252.13	84461.64	84331.44	1.21	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.04	0.06	0.04	0.05	18.45	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	3.04	ppb
Tin	118-1	0.32	0.26	0.24	0.27	14.34	ppb
Titanium	47-1	1933.17	1920.96	1928.49	1927.54	0.32	ppb
Uranium	238-1	0.05	0.05	0.05	0.05	5.57	ppb
Vanadium	51-2	0.14	0.15	0.17	0.15	7.94	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	12.98	12.23	12.38	12.53	3.20	ppb
Zirconium	90-1	0.12	0.13	0.11	0.12	5.42	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:21:49	DataFile Name :	015ICSA_P7101717-MS_

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.10	0.13	0.11	17.16	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:25:15	DataFile Name :	016ICSB_P7101717-MS_

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90355.89	89613.58	86488.55	88819.34	2.31	ppb
Antimony	121-1	20.13	20.46	20.03	20.21	1.11	ppb
Arsenic	75-2	19.15	19.06	18.83	19.01	0.85	ppb
Barium	135-1	20.75	21.81	21.13	21.23	2.52	ppb
Barium	137-1	21.01	20.99	20.55	20.85	1.25	ppb
Beryllium	9-1	19.63	18.65	19.34	19.20	2.63	ppb
Bismuth	209-1				92		%
Bismuth	209-2				93		%
Boron	10-1	61.87	59.99	62.89	61.59	2.39	ppb
Boron	11-1	60.52	60.64	61.56	60.91	0.93	ppb
Cadmium	111-1	19.79	19.93	19.66	19.79	0.69	ppb
Cadmium	106-1	24.78	25.78	24.74	25.10	2.37	ppb
Cadmium	108-1	35.40	32.46	31.79	33.21	5.77	ppb
Calcium	43-1	90702.03	89640.75	90441.62	90261.47	0.61	ppb
Calcium	44-1	92762.77	90715.20	91715.66	91731.21	1.12	ppb
Chromium	52-2	39.09	40.01	38.10	39.07	2.44	ppb
Cobalt	59-2	21.22	21.17	20.75	21.05	1.23	ppb
Copper	63-2	27.99	28.60	27.94	28.18	1.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	101282.58	99455.35	97151.49	99296.47	2.08	ppb
Iron	57-2	99892.89	98149.25	95760.11	97934.08	2.12	ppb
Lead	206-1	24.80	24.83	25.17	24.93	0.82	ppb
Lead	207-1	23.04	22.79	22.77	22.87	0.67	ppb
Lead	208-1	23.40	23.40	23.51	23.43	0.26	ppb
Lithium	6-1				92		%
Magnesium	24-2	97502.27	97791.92	94689.24	96661.14	1.77	ppb
Manganese	55-2	27.73	28.14	26.63	27.50	2.85	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:25:15	DataFile Name :	016ICSB_P7101717-MS_

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	623.30	641.24	629.21	631.25	1.45	ppb
Molybdenum	95-1	1952.69	1966.98	1921.57	1947.08	1.19	ppb
Molybdenum	96-1	1642.76	1685.01	1633.05	1653.61	1.67	ppb
Molybdenum	97-1	1879.03	1940.17	1893.78	1904.33	1.68	ppb
Molybdenum	98-1	1935.01	1972.86	1922.23	1943.36	1.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.68	25.37	24.44	25.16	2.57	ppb
Phosphorus	31-2	97699.97	98620.68	95631.62	97317.42	1.57	ppb
Potassium	39-2	98219.06	97168.74	95487.09	96958.30	1.42	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				103		%
Selenium	77-2	20.28	26.69	25.74	24.24	14.27	ppb
Selenium	78-2	18.41	19.74	19.41	19.19	3.60	ppb
Selenium	82-1	17.91	17.47	16.91	17.43	2.87	ppb
Silicon	28-1	100.17	96.94	97.90	98.34	1.69	ppb
Silver	109-1	18.56	18.51	18.12	18.40	1.32	ppb
Silver	107-1	18.82	18.57	18.74	18.71	0.69	ppb
Sodium	23-2	99432.26	99822.10	96815.58	98689.98	1.66	ppb
Strontium	86-1	87.39	89.87	87.96	88.41	1.47	ppb
Strontium	88-1	87.37	89.00	88.61	88.33	0.97	ppb
Sulfur	34-1	83939.41	103271.93	105044.22	97418.52	12.02	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	19.76	19.56	20.24	19.86	1.77	ppb
Thallium	205-1	19.51	19.72	19.56	19.60	0.55	ppb
Tin	118-1	56.28	56.92	55.99	56.40	0.85	ppb
Titanium	47-1	1994.49	1950.07	1947.75	1964.10	1.34	ppb
Uranium	238-1	53.95	55.05	55.12	54.71	1.20	ppb
Vanadium	51-2	19.43	19.28	18.85	19.19	1.57	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	31.37	31.01	30.22	30.87	1.91	ppb
Zirconium	90-1	54.44	55.08	55.25	54.92	0.78	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:25:15	DataFile Name :	016ICSB_P7101717-MS_

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	55.15	55.55	55.27	55.32	0.37	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CCV020	Instrumnet Name :	P7
Client Sample ID :	CCV020	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:28:41	DataFile Name :	017CCV_P7101717-MS_

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48214.94	47781.62	48331.78	48109.45	0.60	ppb
Antimony	121-1	494.69	491.32	499.73	495.24	0.85	ppb
Arsenic	75-2	503.59	504.48	505.28	504.45	0.17	ppb
Barium	135-1	2508.84	2503.97	2539.20	2517.34	0.76	ppb
Barium	137-1	2519.14	2490.98	2514.66	2508.26	0.60	ppb
Beryllium	9-1	502.44	511.11	505.60	506.39	0.87	ppb
Bismuth	209-1				91		%
Bismuth	209-2				93		%
Boron	10-1	493.84	502.92	500.64	499.13	0.95	ppb
Boron	11-1	496.75	500.53	502.34	499.87	0.57	ppb
Cadmium	111-1	497.15	499.60	499.71	498.82	0.29	ppb
Cadmium	106-1	500.78	500.80	497.90	499.83	0.33	ppb
Cadmium	108-1	500.43	508.04	502.02	503.50	0.80	ppb
Calcium	43-1	232275.45	231245.95	233192.13	232237.84	0.42	ppb
Calcium	44-1	230966.18	230558.28	231509.64	231011.37	0.21	ppb
Chromium	52-2	496.66	502.24	502.56	500.49	0.66	ppb
Cobalt	59-2	487.29	484.48	492.92	488.23	0.88	ppb
Copper	63-2	954.25	949.98	960.87	955.03	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	56-2	119962.23	121119.05	120713.80	120598.36	0.49	ppb
Iron	57-2	121905.63	121233.23	121656.22	121598.36	0.28	ppb
Lead	206-1	504.03	517.23	510.05	510.44	1.29	ppb
Lead	207-1	503.61	514.69	516.83	511.71	1.39	ppb
Lead	208-1	494.96	504.90	511.08	503.65	1.62	ppb
Lithium	6-1				96		%
Magnesium	24-2	243392.93	241139.55	242987.31	242506.60	0.50	ppb
Manganese	55-2	985.99	990.86	998.06	991.64	0.61	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CCV020	Instrumnet Name :	P7
Client Sample ID :	CCV020	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:28:41	DataFile Name :	017CCV_P7101717-MS_

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	492.46	493.27	506.05	497.26	1.53	ppb
Molybdenum	95-1	495.77	508.29	504.68	502.91	1.28	ppb
Molybdenum	96-1	496.30	507.46	500.09	501.28	1.13	ppb
Molybdenum	97-1	491.18	511.21	498.97	500.45	2.02	ppb
Molybdenum	98-1	487.30	498.93	491.93	492.72	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	484.88	482.32	490.49	485.90	0.86	ppb
Phosphorus	31-2	10094.35	10090.10	9910.11	10031.52	1.05	ppb
Potassium	39-2	123346.42	122908.34	124237.22	123497.33	0.55	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				106		%
Selenium	77-2	502.09	512.22	517.12	510.48	1.50	ppb
Selenium	78-2	502.94	499.68	499.98	500.86	0.36	ppb
Selenium	82-1	478.61	499.03	494.91	490.85	2.20	ppb
Silicon	28-1	614.44	618.10	619.32	617.29	0.41	ppb
Silver	109-1	486.23	486.01	483.73	485.32	0.29	ppb
Silver	107-1	488.16	489.26	485.08	487.50	0.44	ppb
Sodium	23-2	243899.71	240017.20	243333.75	242416.89	0.87	ppb
Strontium	86-1	505.30	522.17	513.45	513.64	1.64	ppb
Strontium	88-1	512.16	523.85	509.88	515.29	1.45	ppb
Sulfur	34-1	10230.13	10184.10	10229.38	10214.53	0.26	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	488.64	511.21	496.89	498.91	2.29	ppb
Thallium	205-1	500.49	510.07	508.78	506.44	1.03	ppb
Tin	118-1	498.76	496.66	501.21	498.88	0.46	ppb
Titanium	47-1	499.75	500.22	496.09	498.69	0.45	ppb
Uranium	238-1	508.62	517.63	519.37	515.21	1.12	ppb
Vanadium	51-2	498.19	501.45	500.29	499.98	0.33	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	966.49	968.09	981.30	971.96	0.84	ppb
Zirconium	90-1	492.80	504.93	505.08	500.94	1.41	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CCV020	Instrumnet Name :	P7
Client Sample ID :	CCV020	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:28:41	DataFile Name :	017CCV_P7101717-MS_

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	495.41	503.59	503.51	500.84	0.94	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CCB020	Instrumnet Name :	P7
Client Sample ID :	CCB020	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:32:06	DataFile Name :	018CCBE_P7101717-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.15	2.24	4.57	2.99	45.93	ppb
Antimony	121-1	1.29	1.32	1.24	1.28	3.08	ppb
Arsenic	75-2	0.07	0.04	0.10	0.07	39.47	ppb
Barium	135-1	0.03	0.06	0.01	0.03	82.33	ppb
Barium	137-1	0.04	0.06	0.01	0.03	80.32	ppb
Beryllium	9-1	0.05	0.08	0.09	0.07	28.30	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	8.14	7.90	6.84	7.63	9.04	ppb
Boron	11-1	8.04	7.83	6.74	7.54	9.29	ppb
Cadmium	111-1	0.10	0.02	0.03	0.05	84.84	ppb
Cadmium	106-1	0.87	-0.06	0.22	0.34	140.13	ppb
Cadmium	108-1	-0.01	0.02	0.08	0.03	155.43	ppb
Calcium	43-1	6.78	8.16	5.41	6.79	20.26	ppb
Calcium	44-1	63.36	63.05	63.83	63.41	0.62	ppb
Chromium	52-2	-0.04	-0.03	0.00	-0.03		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	88.03	ppb
Copper	63-2	0.21	0.19	0.27	0.22	17.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	4.35	4.38	5.38	4.70	12.37	ppb
Iron	57-2	3.57	3.28	5.36	4.07	27.69	ppb
Lead	206-1	0.12	0.12	0.09	0.11	16.84	ppb
Lead	207-1	0.10	0.12	0.08	0.10	17.46	ppb
Lead	208-1	0.11	0.11	0.09	0.11	9.38	ppb
Lithium	6-1				100		%
Magnesium	24-2	3.97	4.80	6.07	4.95	21.46	ppb
Manganese	55-2	0.02	0.00	0.03	0.01	107.83	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CCB020	Instrumnet Name :	P7
Client Sample ID :	CCB020	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:32:06	DataFile Name :	018CCBE_P7101717-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.17	0.20	0.16	0.18	11.73	ppb
Molybdenum	95-1	0.45	0.44	0.52	0.47	9.42	ppb
Molybdenum	96-1	0.39	0.35	0.37	0.37	5.16	ppb
Molybdenum	97-1	0.47	0.46	0.48	0.47	1.99	ppb
Molybdenum	98-1	0.43	0.43	0.46	0.44	3.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.03	0.01	0.00		ppb
Phosphorus	31-2	-8.19	10.27	9.16	3.75	276.12	ppb
Potassium	39-2	49.49	53.21	95.77	66.15	38.87	ppb
Rhodium	103-1				103		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	0.00	0.53	1.21	0.58	104.56	ppb
Selenium	78-2	1.82	0.42	1.28	1.18	60.05	ppb
Selenium	82-1	-1.27	-2.09	-1.38	-1.58		ppb
Silicon	28-1	-1.46	-0.16	0.46	-0.39		ppb
Silver	109-1	0.05	0.05	0.06	0.06	8.70	ppb
Silver	107-1	0.06	0.05	0.04	0.05	25.35	ppb
Sodium	23-2	121.15	116.28	134.92	124.12	7.79	ppb
Strontium	86-1	-0.07	-0.04	-0.05	-0.05		ppb
Strontium	88-1	0.01	0.00	0.00	0.01	98.97	ppb
Sulfur	34-1	-1440.95	-779.92	-705.83	-975.57		ppb
Terbium	159-1				102		%
Terbium	159-2				96		%
Thallium	203-1	0.16	0.16	0.11	0.14	20.06	ppb
Thallium	205-1	0.14	0.15	0.12	0.14	10.01	ppb
Tin	118-1	0.23	0.23	0.22	0.23	1.96	ppb
Titanium	47-1	-0.05	0.00	0.05	0.00	2193.09	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	22.48	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	2002.81	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	0.24	-0.04	0.29	0.16	109.27	ppb
Zirconium	90-1	0.06	0.06	0.07	0.06	7.01	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CCB020	Instrumnet Name :	P7
Client Sample ID :	CCB020	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:32:06	DataFile Name :	018CCBE_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.05	0.10	0.08	32.74	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:35:34	DataFile Name :	019SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.31	23.09	23.03	22.81	1.91	ppb
Antimony	121-1	2.31	2.24	2.30	2.29	1.71	ppb
Arsenic	75-2	1.06	1.09	0.84	1.00	13.59	ppb
Barium	135-1	9.52	9.14	8.97	9.21	3.07	ppb
Barium	137-1	8.94	9.10	9.15	9.06	1.19	ppb
Beryllium	9-1	0.99	1.05	0.93	0.99	6.11	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Boron	10-1	24.57	27.30	24.86	25.58	5.87	ppb
Boron	11-1	26.26	26.74	25.21	26.07	2.99	ppb
Cadmium	111-1	0.85	0.96	1.06	0.96	10.98	ppb
Cadmium	106-1	0.79	0.69	1.48	0.98	43.83	ppb
Cadmium	108-1	1.28	1.17	1.00	1.15	12.22	ppb
Calcium	43-1	452.27	419.94	465.67	445.96	5.27	ppb
Calcium	44-1	500.63	491.81	497.12	496.52	0.89	ppb
Chromium	52-2	2.02	2.18	2.06	2.09	4.02	ppb
Cobalt	59-2	1.04	0.96	0.97	0.99	4.31	ppb
Copper	63-2	2.16	2.19	2.16	2.17	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	54.12	55.09	55.49	54.90	1.28	ppb
Iron	57-2	55.13	52.34	60.45	55.97	7.36	ppb
Lead	206-1	1.02	1.03	1.00	1.02	1.61	ppb
Lead	207-1	0.93	1.05	0.96	0.98	6.54	ppb
Lead	208-1	0.98	1.02	0.99	1.00	1.91	ppb
Lithium	6-1				97		%
Magnesium	24-2	463.27	472.09	476.22	470.53	1.41	ppb
Manganese	55-2	1.01	1.03	1.04	1.03	1.66	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:35:34	DataFile Name :	019SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.24	2.10	2.15	2.16	3.18	ppb
Molybdenum	95-1	4.70	4.49	4.71	4.63	2.79	ppb
Molybdenum	96-1	4.20	4.08	4.03	4.10	2.14	ppb
Molybdenum	97-1	4.79	4.60	4.87	4.75	2.93	ppb
Molybdenum	98-1	4.70	4.52	4.45	4.56	2.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.06	1.11	1.10	2.60	ppb
Phosphorus	31-2	11.64	16.83	15.93	14.80	18.76	ppb
Potassium	39-2	502.27	506.43	505.95	504.88	0.45	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				104		%
Selenium	77-2	7.09	5.47	4.31	5.62	24.84	ppb
Selenium	78-2	4.51	4.82	5.58	4.97	11.04	ppb
Selenium	82-1	3.08	3.18	2.76	3.01	7.22	ppb
Silicon	28-1	22.07	18.52	18.74	19.78	10.07	ppb
Silver	109-1	1.00	0.99	1.07	1.02	4.00	ppb
Silver	107-1	0.97	1.00	1.03	1.00	2.90	ppb
Sodium	23-2	593.23	590.15	583.12	588.83	0.88	ppb
Strontium	86-1	0.91	0.67	0.84	0.81	15.16	ppb
Strontium	88-1	0.96	0.90	0.93	0.93	3.29	ppb
Sulfur	34-1	349.80	-67.89	53.29	111.73	192.33	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.94	0.91	0.97	0.94	2.73	ppb
Thallium	205-1	0.96	0.98	0.97	0.97	1.33	ppb
Tin	118-1	4.61	4.87	4.64	4.71	2.97	ppb
Titanium	47-1	4.47	4.15	4.34	4.32	3.68	ppb
Uranium	238-1	0.81	0.86	0.83	0.84	2.97	ppb
Vanadium	51-2	4.61	4.57	4.43	4.54	2.12	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	2.37	2.44	2.37	2.39	1.81	ppb
Zirconium	90-1	1.11	1.10	1.10	1.10	0.67	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:35:34	DataFile Name :	019SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.10	1.08	1.19	1.12	5.38	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	PB103327BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:39:02	DataFile Name :	020CCBE_P7101717-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.60	1.37	0.79	1.25	33.08	ppb
Antimony	121-1	0.22	0.23	0.22	0.22	2.04	ppb
Arsenic	75-2	0.06	0.02	0.03	0.04	56.29	ppb
Barium	135-1	0.04	0.03	0.03	0.03	15.59	ppb
Barium	137-1	0.04	0.04	0.03	0.04	12.66	ppb
Beryllium	9-1	0.07	0.01	0.02	0.03	88.66	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	3.20	3.11	3.24	3.18	2.06	ppb
Boron	11-1	3.00	3.15	3.32	3.16	5.01	ppb
Cadmium	111-1	-0.06	-0.09	-0.07	-0.08		ppb
Cadmium	106-1	-0.81	-1.31	-0.89	-1.01		ppb
Cadmium	108-1	-0.01	0.15	0.21	0.12	97.68	ppb
Calcium	43-1	8.00	10.82	5.24	8.02	34.82	ppb
Calcium	44-1	58.19	59.15	53.72	57.02	5.08	ppb
Chromium	52-2	-0.02	-0.01	0.00	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	476.95	ppb
Copper	63-2	0.07	0.15	0.13	0.12	33.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	2.83	2.48	2.64	2.65	6.61	ppb
Iron	57-2	1.83	4.03	3.82	3.23	37.65	ppb
Lead	206-1	0.06	0.06	0.08	0.07	19.00	ppb
Lead	207-1	0.06	0.08	0.08	0.07	17.33	ppb
Lead	208-1	0.07	0.06	0.08	0.07	13.26	ppb
Lithium	6-1				97		%
Magnesium	24-2	3.69	3.43	3.15	3.42	7.89	ppb
Manganese	55-2	0.00	0.02	0.04	0.02	126.41	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	PB103327BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:39:02	DataFile Name :	020CCBE_P7101717-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.06	0.07	0.06	13.56	ppb
Molybdenum	95-1	0.13	0.10	0.16	0.13	20.51	ppb
Molybdenum	96-1	0.12	0.08	0.13	0.11	20.35	ppb
Molybdenum	97-1	0.14	0.16	0.15	0.15	6.23	ppb
Molybdenum	98-1	0.12	0.15	0.14	0.14	9.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.02	0.01	259.46	ppb
Phosphorus	31-2	-8.11	8.82	-1.72	-0.34		ppb
Potassium	39-2	35.86	45.62	45.67	42.38	13.32	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				106		%
Selenium	77-2	0.54	0.00	0.00	0.18	173.21	ppb
Selenium	78-2	-0.94	0.49	1.53	0.36	344.94	ppb
Selenium	82-1	-2.06	-2.92	-1.59	-2.19		ppb
Silicon	28-1	0.56	0.44	-0.32	0.23	209.63	ppb
Silver	109-1	0.02	0.03	0.02	0.02	28.26	ppb
Silver	107-1	0.04	0.02	0.03	0.03	34.64	ppb
Sodium	23-2	95.36	97.94	97.09	96.80	1.36	ppb
Strontium	86-1	-0.02	0.00	-0.09	-0.04		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	7.33	ppb
Sulfur	34-1	8.70	261.66	32.08	100.81	138.66	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.04	0.05	0.05	0.05	9.98	ppb
Thallium	205-1	0.04	0.03	0.04	0.04	4.70	ppb
Tin	118-1	0.06	0.07	0.07	0.07	6.99	ppb
Titanium	47-1	0.02	-0.02	-0.01	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	42.29	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	446.33	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	0.15	0.26	0.24	0.21	27.90	ppb
Zirconium	90-1	0.03	0.03	0.04	0.03	25.50	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	PB103327BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:39:02	DataFile Name :	020CCBE_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.04	0.02	57.69	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	PB103327BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:42:31	DataFile Name :	021LCSE_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.85	38.14	35.08	37.02	4.55	ppb
Antimony	121-1	4.05	4.02	4.17	4.08	1.96	ppb
Arsenic	75-2	2.01	2.25	2.14	2.13	5.64	ppb
Barium	135-1	19.20	18.98	19.38	19.19	1.06	ppb
Barium	137-1	19.01	18.84	19.44	19.10	1.63	ppb
Beryllium	9-1	2.04	2.23	2.16	2.14	4.45	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Boron	10-1	20.06	21.64	19.48	20.39	5.48	ppb
Boron	11-1	20.95	21.99	21.36	21.43	2.46	ppb
Cadmium	111-1	0.81	0.63	0.73	0.72	13.11	ppb
Cadmium	106-1	1.65	-0.18	0.66	0.71	128.80	ppb
Cadmium	108-1	1.06	0.88	0.84	0.93	12.59	ppb
Calcium	43-1	928.72	927.99	911.71	922.81	1.04	ppb
Calcium	44-1	999.85	981.38	965.67	982.30	1.74	ppb
Chromium	52-2	4.30	4.19	4.09	4.19	2.45	ppb
Cobalt	59-2	2.09	2.09	2.17	2.11	2.23	ppb
Copper	63-2	4.25	4.23	4.31	4.26	1.02	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				97		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	418.92	423.68	423.21	421.94	0.62	ppb
Iron	57-2	405.26	422.19	406.57	411.34	2.29	ppb
Lead	206-1	1.90	2.04	2.06	2.00	4.49	ppb
Lead	207-1	1.97	2.05	1.92	1.98	3.48	ppb
Lead	208-1	1.94	2.00	1.96	1.97	1.63	ppb
Lithium	6-1				95		%
Magnesium	24-2	999.53	993.75	1003.50	998.93	0.49	ppb
Manganese	55-2	1.93	2.10	2.20	2.07	6.50	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	PB103327BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:42:31	DataFile Name :	021LCSE_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.03	4.41	4.14	4.19	4.60	ppb
Molybdenum	95-1	9.12	9.87	9.29	9.43	4.18	ppb
Molybdenum	96-1	8.22	8.27	8.08	8.19	1.23	ppb
Molybdenum	97-1	9.13	9.38	9.33	9.28	1.44	ppb
Molybdenum	98-1	9.18	9.31	9.42	9.30	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.27	2.17	2.07	2.17	4.52	ppb
Phosphorus	31-2	3.29	-0.49	-7.73	-1.64		ppb
Potassium	39-2	1029.00	1009.72	1029.55	1022.76	1.10	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				103		%
Selenium	77-2	13.81	13.68	8.16	11.88	27.14	ppb
Selenium	78-2	9.56	8.42	11.92	9.96	17.92	ppb
Selenium	82-1	9.13	8.74	7.86	8.57	7.59	ppb
Silicon	28-1	17.27	15.30	15.66	16.07	6.53	ppb
Silver	109-1	2.02	2.06	2.04	2.04	0.95	ppb
Silver	107-1	1.99	2.13	2.13	2.08	3.92	ppb
Sodium	23-2	1093.59	1094.75	1083.44	1090.60	0.57	ppb
Strontium	86-1	2.04	2.15	1.91	2.03	5.85	ppb
Strontium	88-1	1.99	1.94	1.95	1.96	1.27	ppb
Sulfur	34-1	691.27	538.77	443.53	557.86	22.40	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	1.94	2.04	1.92	1.97	3.20	ppb
Thallium	205-1	2.03	1.97	1.97	1.99	1.70	ppb
Tin	118-1	9.58	9.58	9.52	9.56	0.35	ppb
Titanium	47-1	9.61	9.42	9.02	9.35	3.19	ppb
Uranium	238-1	1.84	1.82	1.86	1.84	1.08	ppb
Vanadium	51-2	9.96	9.74	9.71	9.80	1.42	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	4.21	4.25	4.11	4.19	1.75	ppb
Zirconium	90-1	1.93	1.94	1.96	1.94	0.76	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	PB103327BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:42:31	DataFile Name :	021LCSE_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.81	1.78	1.98	1.86	5.71	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	PB103342BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:46:17	DataFile Name :	022CCBE_P7101717-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.05	1.32	0.95	0.77	84.19	ppb
Antimony	121-1	0.10	0.10	0.13	0.11	15.08	ppb
Arsenic	75-2	0.01	0.05	-0.01	0.02	174.02	ppb
Barium	135-1	0.02	0.01	-0.03	0.00	1363.78	ppb
Barium	137-1	0.01	0.00	0.01	0.01	54.22	ppb
Beryllium	9-1	-0.02	-0.02	0.05	0.01	747.85	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	1.82	1.56	1.57	1.65	8.96	ppb
Boron	11-1	1.48	2.00	1.76	1.75	14.73	ppb
Cadmium	111-1	-0.05	-0.07	-0.09	-0.07		ppb
Cadmium	106-1	-0.68	-1.02	-1.34	-1.01		ppb
Cadmium	108-1	-0.01	0.05	0.05	0.03	114.02	ppb
Calcium	43-1	0.47	13.05	1.74	5.08	136.18	ppb
Calcium	44-1	48.96	55.07	55.16	53.06	6.69	ppb
Chromium	52-2	0.00	-0.01	-0.03	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.08	0.12	0.06	0.09	39.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	1.39	1.50	1.11	1.33	15.11	ppb
Iron	57-2	1.78	2.77	0.86	1.80	53.01	ppb
Lead	206-1	0.04	0.01	0.03	0.03	47.02	ppb
Lead	207-1	0.05	0.03	0.02	0.04	38.39	ppb
Lead	208-1	0.04	0.03	0.03	0.04	22.50	ppb
Lithium	6-1				96		%
Magnesium	24-2	2.17	1.68	1.59	1.82	17.17	ppb
Manganese	55-2	0.01	0.01	0.00	0.01	50.51	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	PB103342BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:46:17	DataFile Name :	022CCBE_P7101717-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.04	0.03	0.03	33.05	ppb
Molybdenum	95-1	0.07	0.05	0.08	0.07	20.14	ppb
Molybdenum	96-1	0.05	0.06	0.05	0.06	9.92	ppb
Molybdenum	97-1	0.11	0.07	0.08	0.09	21.55	ppb
Molybdenum	98-1	0.06	0.06	0.09	0.07	25.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.03	0.00	505.90	ppb
Phosphorus	31-2	10.14	-12.57	11.32	2.96	454.40	ppb
Potassium	39-2	32.73	38.36	26.76	32.61	17.78	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				103		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.80	-0.20	0.23	0.28	180.76	ppb
Selenium	82-1	-1.88	-2.06	-2.08	-2.01		ppb
Silicon	28-1	1.02	3.15	2.35	2.17	49.40	ppb
Silver	109-1	0.02	0.01	0.02	0.01	33.78	ppb
Silver	107-1	0.02	0.01	0.01	0.01	39.34	ppb
Sodium	23-2	84.89	84.20	78.71	82.60	4.10	ppb
Strontium	86-1	-0.06	-0.01	-0.05	-0.04		ppb
Strontium	88-1	0.01	0.00	0.01	0.01	51.65	ppb
Sulfur	34-1	-39.09	196.76	5.85	54.50	229.76	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.04	0.03	0.02	0.03	31.13	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	11.72	ppb
Tin	118-1	0.03	0.04	0.06	0.05	38.42	ppb
Titanium	47-1	-0.05	-0.06	-0.03	-0.05		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.01	0.00	0.00		ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	0.21	0.02	0.20	0.14	73.39	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	27.74	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	PB103342BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:46:17	DataFile Name :	022CCBE_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.02	0.04	0.03	26.66	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	PB103342BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:49:44	DataFile Name :	023LCSE_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.56	36.91	37.01	38.16	5.45	ppb
Antimony	121-1	4.01	4.25	4.08	4.11	3.07	ppb
Arsenic	75-2	2.13	2.00	2.15	2.10	3.97	ppb
Barium	135-1	19.25	19.40	19.44	19.36	0.52	ppb
Barium	137-1	19.19	19.25	18.72	19.05	1.53	ppb
Beryllium	9-1	2.14	2.24	2.01	2.13	5.42	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Boron	10-1	20.22	20.08	18.97	19.76	3.46	ppb
Boron	11-1	20.90	20.40	19.98	20.43	2.24	ppb
Cadmium	111-1	0.52	0.54	0.36	0.47	21.09	ppb
Cadmium	106-1	1.61	2.20	-0.86	0.98	165.12	ppb
Cadmium	108-1	0.89	0.66	0.65	0.74	17.88	ppb
Calcium	43-1	891.60	909.64	903.98	901.74	1.02	ppb
Calcium	44-1	971.80	978.04	979.64	976.50	0.42	ppb
Chromium	52-2	4.12	4.08	4.14	4.11	0.73	ppb
Cobalt	59-2	1.98	1.95	2.12	2.02	4.49	ppb
Copper	63-2	4.35	4.19	4.31	4.28	1.90	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				96		%
Holmium	165-2				97		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	422.93	416.30	427.46	422.23	1.33	ppb
Iron	57-2	404.08	405.39	410.58	406.68	0.85	ppb
Lead	206-1	1.90	2.00	1.88	1.93	3.29	ppb
Lead	207-1	1.98	1.91	1.96	1.95	1.73	ppb
Lead	208-1	1.93	1.98	1.93	1.95	1.40	ppb
Lithium	6-1				94		%
Magnesium	24-2	996.35	1017.11	989.84	1001.10	1.42	ppb
Manganese	55-2	2.17	2.13	2.15	2.15	0.93	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	PB103342BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:49:44	DataFile Name :	023LCSE_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.12	4.07	4.18	4.12	1.35	ppb
Molybdenum	95-1	9.47	8.98	9.55	9.33	3.33	ppb
Molybdenum	96-1	8.18	7.89	8.05	8.04	1.83	ppb
Molybdenum	97-1	9.36	9.22	9.15	9.24	1.15	ppb
Molybdenum	98-1	9.13	9.04	9.36	9.17	1.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.28	2.15	2.16	2.20	3.18	ppb
Phosphorus	31-2	20.82	6.14	-4.17	7.60	165.29	ppb
Potassium	39-2	1021.61	1014.21	1051.20	1029.01	1.90	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				103		%
Selenium	77-2	9.92	12.00	8.64	10.19	16.66	ppb
Selenium	78-2	11.76	12.15	10.61	11.51	6.92	ppb
Selenium	82-1	7.99	8.05	7.96	8.00	0.61	ppb
Silicon	28-1	15.04	14.58	15.21	14.94	2.15	ppb
Silver	109-1	2.08	2.08	2.02	2.06	1.79	ppb
Silver	107-1	2.08	2.05	2.12	2.08	1.63	ppb
Sodium	23-2	1082.83	1080.08	1097.53	1086.81	0.86	ppb
Strontium	86-1	1.99	1.90	1.85	1.91	3.62	ppb
Strontium	88-1	1.94	1.92	1.97	1.95	1.28	ppb
Sulfur	34-1	916.63	815.79	639.10	790.51	17.77	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	1.98	2.02	1.91	1.97	2.65	ppb
Thallium	205-1	2.02	1.95	1.88	1.95	3.62	ppb
Tin	118-1	9.62	9.84	9.57	9.68	1.46	ppb
Titanium	47-1	9.51	9.38	9.17	9.35	1.88	ppb
Uranium	238-1	1.81	1.77	1.81	1.80	1.47	ppb
Vanadium	51-2	9.73	9.81	9.87	9.80	0.68	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	5.59	4.41	4.37	4.79	14.41	ppb
Zirconium	90-1	1.84	1.80	1.89	1.85	2.42	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	PB103342BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:49:44	DataFile Name :	023LCSE_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.98	1.92	2.06	1.99	3.55	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-01	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:53:11	DataFile Name :	024SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.71	2.66	3.41	3.26	16.57	ppb
Antimony	121-1	0.85	0.84	0.78	0.82	4.83	ppb
Arsenic	75-2	12.70	12.82	12.86	12.80	0.64	ppb
Barium	135-1	69.83	69.74	70.87	70.15	0.89	ppb
Barium	137-1	70.46	70.14	68.87	69.82	1.20	ppb
Beryllium	9-1	0.00	0.00	0.02	0.00	194.73	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	10-1	361.61	354.48	354.19	356.76	1.18	ppb
Boron	11-1	353.93	361.88	366.93	360.91	1.82	ppb
Cadmium	111-1	0.02	0.06	-0.01	0.02	184.16	ppb
Cadmium	106-1	-0.50	0.29	-0.58	-0.26		ppb
Cadmium	108-1	0.14	0.11	0.11	0.12	15.39	ppb
Calcium	43-1	100706.90	99664.29	100423.08	100264.76	0.54	ppb
Calcium	44-1	103132.32	102685.44	104307.99	103375.25	0.81	ppb
Chromium	52-2	0.75	0.79	0.80	0.78	3.76	ppb
Cobalt	59-2	0.19	0.17	0.19	0.19	5.46	ppb
Copper	63-2	2.22	2.28	2.35	2.28	2.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	13.14	13.21	13.84	13.40	2.86	ppb
Iron	57-2	94.28	96.26	95.07	95.21	1.05	ppb
Lead	206-1	0.36	0.31	0.33	0.33	7.20	ppb
Lead	207-1	0.31	0.32	0.33	0.32	3.03	ppb
Lead	208-1	0.36	0.33	0.32	0.34	5.09	ppb
Lithium	6-1				94		%
Magnesium	24-2	62855.45	63007.17	62934.54	62932.39	0.12	ppb
Manganese	55-2	22.38	22.99	23.19	22.85	1.85	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-01	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:53:11	DataFile Name :	024SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.42	3.27	3.24	3.31	2.87	ppb
Molybdenum	95-1	10.23	10.27	10.11	10.20	0.79	ppb
Molybdenum	96-1	8.77	8.59	8.40	8.59	2.19	ppb
Molybdenum	97-1	10.34	10.51	10.63	10.49	1.36	ppb
Molybdenum	98-1	10.34	10.17	10.03	10.18	1.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.23	1.16	1.18	1.19	2.98	ppb
Phosphorus	31-2	197.15	220.06	253.93	223.71	12.77	ppb
Potassium	39-2	17829.45	17741.48	17810.29	17793.74	0.26	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	77-2	4.82	2.15	2.13	3.04	51.04	ppb
Selenium	78-2	1.20	2.86	2.06	2.04	40.68	ppb
Selenium	82-1	0.76	1.01	0.87	0.88	14.55	ppb
Silicon	28-1	10221.85	10090.77	10338.27	10216.96	1.21	ppb
Silver	109-1	0.30	0.30	0.27	0.29	5.17	ppb
Silver	107-1	0.26	0.30	0.36	0.31	16.62	ppb
Sodium	23-2	218112.89	217546.32	219367.39	218342.20	0.43	ppb
Strontium	86-1	1153.75	1155.44	1143.91	1151.03	0.54	ppb
Strontium	88-1	1202.13	1193.62	1180.94	1192.23	0.89	ppb
Sulfur	34-1	89964.07	89174.84	89948.24	89695.71	0.50	ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	0.11	0.06	0.07	0.08	36.38	ppb
Thallium	205-1	0.09	0.07	0.07	0.07	13.85	ppb
Tin	118-1	0.12	0.08	0.10	0.10	20.32	ppb
Titanium	47-1	0.78	0.77	0.69	0.75	6.46	ppb
Uranium	238-1	9.49	9.33	9.39	9.41	0.87	ppb
Vanadium	51-2	5.35	5.55	5.41	5.43	1.96	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	12.92	13.03	13.45	13.13	2.14	ppb
Zirconium	90-1	0.26	0.23	0.24	0.24	6.40	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-01	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:53:11	DataFile Name :	024SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.33	0.23	0.21	0.26	23.64	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-02	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:56:37	DataFile Name :	025SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.49	4.15	4.58	3.74	29.53	ppb
Antimony	121-1	0.71	0.76	0.71	0.73	3.63	ppb
Arsenic	75-2	13.03	12.44	12.89	12.79	2.43	ppb
Barium	135-1	70.31	69.42	70.08	69.94	0.66	ppb
Barium	137-1	70.65	69.41	70.02	70.02	0.89	ppb
Beryllium	9-1	0.01	0.04	-0.01	0.01	210.92	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Boron	10-1	341.75	358.58	353.11	351.15	2.44	ppb
Boron	11-1	347.97	359.21	357.30	354.83	1.69	ppb
Cadmium	111-1	0.02	-0.08	0.04	-0.01		ppb
Cadmium	106-1	-0.12	-1.49	0.07	-0.51		ppb
Cadmium	108-1	0.17	0.14	0.05	0.12	51.62	ppb
Calcium	43-1	100983.40	101728.42	99813.23	100841.68	0.96	ppb
Calcium	44-1	104259.37	104622.30	103434.91	104105.53	0.58	ppb
Chromium	52-2	0.80	0.70	0.66	0.72	9.90	ppb
Cobalt	59-2	0.23	0.23	0.19	0.21	10.42	ppb
Copper	63-2	2.56	2.63	2.58	2.59	1.45	ppb
Dysprosium	156-1						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				105		%
Indium	115-2				102		%
Iron	56-2	13.59	13.60	13.83	13.67	0.98	ppb
Iron	57-2	95.56	99.35	108.02	100.98	6.32	ppb
Lead	206-1	0.34	0.31	0.32	0.33	4.00	ppb
Lead	207-1	0.31	0.31	0.28	0.30	6.13	ppb
Lead	208-1	0.33	0.30	0.30	0.31	5.19	ppb
Lithium	6-1				95		%
Magnesium	24-2	63200.66	63367.25	62667.41	63078.44	0.58	ppb
Manganese	55-2	23.17	23.01	22.94	23.04	0.51	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-02	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:56:37	DataFile Name :	025SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.26	3.26	3.29	3.27	0.57	ppb
Molybdenum	95-1	10.38	10.09	10.42	10.30	1.76	ppb
Molybdenum	96-1	8.49	8.60	8.64	8.58	0.88	ppb
Molybdenum	97-1	9.97	10.12	10.59	10.23	3.14	ppb
Molybdenum	98-1	10.39	10.20	10.41	10.33	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.25	1.32	1.19	1.25	5.08	ppb
Phosphorus	31-2	222.21	224.80	198.56	215.19	6.72	ppb
Potassium	39-2	17892.41	17892.67	17693.63	17826.24	0.64	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				106		%
Selenium	77-2	1.08	1.61	3.76	2.15	66.18	ppb
Selenium	78-2	2.12	2.39	2.94	2.48	16.84	ppb
Selenium	82-1	0.87	0.48	0.01	0.45	95.74	ppb
Silicon	28-1	10201.32	10529.65	10405.47	10378.81	1.60	ppb
Silver	109-1	0.32	0.34	0.32	0.33	3.49	ppb
Silver	107-1	0.32	0.33	0.35	0.33	4.37	ppb
Sodium	23-2	222180.03	220691.11	220493.80	221121.65	0.42	ppb
Strontium	86-1	1147.49	1147.25	1170.62	1155.12	1.16	ppb
Strontium	88-1	1172.65	1176.44	1195.39	1181.49	1.03	ppb
Sulfur	34-1	90228.48	91714.52	91188.55	91043.85	0.83	ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.04	0.04	0.04	0.04	10.33	ppb
Thallium	205-1	0.05	0.03	0.04	0.04	25.74	ppb
Tin	118-1	0.06	0.07	0.05	0.06	20.18	ppb
Titanium	47-1	0.64	0.81	0.66	0.70	13.59	ppb
Uranium	238-1	9.56	9.49	9.55	9.53	0.44	ppb
Vanadium	51-2	5.67	5.59	5.62	5.63	0.72	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	12.92	13.58	13.79	13.43	3.36	ppb
Zirconium	90-1	0.13	0.11	0.13	0.12	8.18	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-02	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:56:37	DataFile Name :	025SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.16	0.16	0.13	0.15	11.48	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-01LX5	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-17 12:00:02	DataFile Name :	026SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.17	0.63	0.99	1.26	63.66	ppb
Antimony	121-1	0.17	0.15	0.17	0.17	6.53	ppb
Arsenic	75-2	2.35	2.46	2.56	2.45	4.24	ppb
Barium	135-1	14.01	13.57	13.58	13.72	1.83	ppb
Barium	137-1	13.93	13.91	13.82	13.89	0.39	ppb
Beryllium	9-1	0.01	0.02	-0.01	0.01	173.22	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Boron	10-1	73.69	75.98	77.73	75.80	2.67	ppb
Boron	11-1	74.99	76.61	77.01	76.20	1.40	ppb
Cadmium	111-1	0.00	0.01	-0.10	-0.03		ppb
Cadmium	106-1	-0.21	-0.06	-1.43	-0.57		ppb
Cadmium	108-1	0.02	0.02	0.08	0.04	84.05	ppb
Calcium	43-1	19763.00	19952.24	19827.42	19847.55	0.48	ppb
Calcium	44-1	20077.35	20500.26	20448.12	20341.91	1.13	ppb
Chromium	52-2	0.20	0.16	0.15	0.17	17.91	ppb
Cobalt	59-2	0.02	0.04	0.03	0.03	25.54	ppb
Copper	63-2	0.92	0.91	0.89	0.91	1.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	4.14	4.02	3.85	4.01	3.63	ppb
Iron	57-2	20.53	20.20	21.57	20.77	3.43	ppb
Lead	206-1	0.09	0.08	0.10	0.09	10.19	ppb
Lead	207-1	0.09	0.12	0.07	0.09	22.73	ppb
Lead	208-1	0.09	0.09	0.09	0.09	1.92	ppb
Lithium	6-1				94		%
Magnesium	24-2	12233.60	12143.97	12141.14	12172.90	0.43	ppb
Manganese	55-2	4.73	4.49	4.57	4.60	2.58	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-01LX5	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-17 12:00:02	DataFile Name :	026SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.59	0.58	0.68	0.62	9.47	ppb
Molybdenum	95-1	2.03	1.95	2.00	1.99	1.88	ppb
Molybdenum	96-1	1.69	1.71	1.74	1.72	1.42	ppb
Molybdenum	97-1	2.08	1.93	2.07	2.03	4.16	ppb
Molybdenum	98-1	2.04	2.00	2.07	2.03	1.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.19	0.27	0.28	0.25	19.26	ppb
Phosphorus	31-2	58.96	36.67	42.39	46.01	25.17	ppb
Potassium	39-2	3556.28	3513.49	3528.12	3532.63	0.62	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				102		%
Selenium	77-2	2.23	0.55	0.56	1.11	87.15	ppb
Selenium	78-2	1.32	0.78	0.09	0.73	84.65	ppb
Selenium	82-1	-0.82	-1.75	-0.71	-1.09		ppb
Silicon	28-1	1995.78	2023.96	1993.15	2004.30	0.85	ppb
Silver	109-1	0.14	0.16	0.12	0.14	13.77	ppb
Silver	107-1	0.14	0.15	0.14	0.15	3.50	ppb
Sodium	23-2	43349.08	42593.38	42896.65	42946.37	0.89	ppb
Strontium	86-1	228.54	226.03	224.04	226.20	1.00	ppb
Strontium	88-1	226.95	225.83	226.08	226.29	0.26	ppb
Sulfur	34-1	23013.35	22796.45	22800.65	22870.15	0.54	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.01	0.01	0.01	0.01	19.54	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	18.73	ppb
Tin	118-1	0.05	0.03	0.04	0.04	21.44	ppb
Titanium	47-1	0.28	0.17	0.05	0.17	69.10	ppb
Uranium	238-1	1.84	1.79	1.82	1.82	1.53	ppb
Vanadium	51-2	1.06	1.10	1.01	1.05	4.59	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	3.43	3.20	3.07	3.23	5.57	ppb
Zirconium	90-1	0.02	0.02	0.04	0.03	31.33	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-01LX5	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-17 12:00:02	DataFile Name :	026SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.04	0.03	0.03	30.03	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-03	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:03:29	DataFile Name :	027SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1979.51	2004.02	1988.24	1990.59	0.62	ppb
Antimony	121-1	106.65	104.96	105.18	105.60	0.87	ppb
Arsenic	75-2	55.82	56.99	55.94	56.25	1.14	ppb
Barium	135-1	2143.13	2152.93	2123.78	2139.95	0.69	ppb
Barium	137-1	2237.79	2186.85	2186.06	2203.56	1.35	ppb
Beryllium	9-1	53.43	53.22	52.92	53.19	0.48	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Boron	10-1	344.60	346.70	347.26	346.19	0.40	ppb
Boron	11-1	350.66	351.99	353.99	352.21	0.48	ppb
Cadmium	111-1	51.35	51.41	50.64	51.13	0.84	ppb
Cadmium	106-1	41.71	40.24	41.20	41.05	1.83	ppb
Cadmium	108-1	44.88	44.75	44.82	44.81	0.15	ppb
Calcium	43-1	101443.18	101097.47	101755.64	101432.10	0.32	ppb
Calcium	44-1	104495.80	104454.86	104701.09	104550.58	0.13	ppb
Chromium	52-2	219.25	219.54	219.18	219.32	0.09	ppb
Cobalt	59-2	548.44	548.04	553.11	549.86	0.51	ppb
Copper	63-2	282.26	281.81	283.48	282.52	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	1142.66	1139.78	1139.00	1140.48	0.17	ppb
Iron	57-2	1171.26	1201.69	1182.70	1185.22	1.30	ppb
Lead	206-1	21.77	21.33	21.44	21.52	1.05	ppb
Lead	207-1	21.30	21.15	21.19	21.21	0.38	ppb
Lead	208-1	21.17	20.92	20.86	20.98	0.80	ppb
Lithium	6-1				97		%
Magnesium	24-2	64067.37	64110.76	64435.57	64204.57	0.31	ppb
Manganese	55-2	565.22	561.43	562.43	563.03	0.35	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-03	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:03:29	DataFile Name :	027SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.26	3.25	3.31	3.27	1.09	ppb
Molybdenum	95-1	10.33	10.35	10.56	10.41	1.20	ppb
Molybdenum	96-1	8.80	8.72	8.48	8.67	1.95	ppb
Molybdenum	97-1	10.86	10.52	10.60	10.66	1.65	ppb
Molybdenum	98-1	10.06	10.28	10.16	10.17	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	551.32	547.04	550.01	549.45	0.40	ppb
Phosphorus	31-2	203.48	253.79	209.96	222.41	12.30	ppb
Potassium	39-2	17837.33	17804.75	17933.41	17858.50	0.37	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	77-2	100.86	101.18	111.14	104.39	5.60	ppb
Selenium	78-2	105.91	108.82	112.29	109.00	2.93	ppb
Selenium	82-1	102.19	107.45	104.21	104.62	2.54	ppb
Silicon	28-1	10391.00	10352.63	10373.45	10372.36	0.19	ppb
Silver	109-1	12.26	12.14	12.32	12.24	0.74	ppb
Silver	107-1	12.52	12.44	12.58	12.51	0.56	ppb
Sodium	23-2	223432.89	222996.05	223821.80	223416.91	0.18	ppb
Strontium	86-1	1170.91	1178.29	1167.86	1172.35	0.46	ppb
Strontium	88-1	1198.21	1195.62	1203.45	1199.10	0.33	ppb
Sulfur	34-1	90952.86	89506.73	90707.93	90389.17	0.86	ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	52.70	53.30	52.11	52.71	1.13	ppb
Thallium	205-1	52.96	52.87	53.20	53.01	0.32	ppb
Tin	118-1	0.05	0.10	0.08	0.08	32.33	ppb
Titanium	47-1	0.82	0.89	0.74	0.82	8.84	ppb
Uranium	238-1	9.76	9.72	9.62	9.70	0.77	ppb
Vanadium	51-2	549.74	547.55	550.09	549.13	0.25	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	562.40	558.40	569.86	563.55	1.03	ppb
Zirconium	90-1	0.11	0.10	0.11	0.11	5.72	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-03	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:03:29	DataFile Name :	027SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.14	0.09	0.17	0.13	28.11	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-04	Instrumnet Name :	P7
Client Sample ID :	MH0AZ2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:06:54	DataFile Name :	028SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.38	3.59	3.27	3.74	15.32	ppb
Antimony	121-1	0.73	0.68	0.69	0.70	3.62	ppb
Arsenic	75-2	11.66	11.46	10.84	11.32	3.81	ppb
Barium	135-1	68.42	68.89	69.66	68.99	0.91	ppb
Barium	137-1	68.38	68.89	68.33	68.54	0.45	ppb
Beryllium	9-1	0.00	-0.01	0.03	0.01	252.29	ppb
Bismuth	209-1				98		%
Bismuth	209-2				93		%
Boron	10-1	309.48	316.87	320.14	315.50	1.73	ppb
Boron	11-1	307.62	310.60	322.04	313.42	2.43	ppb
Cadmium	111-1	0.10	0.08	0.06	0.08	28.22	ppb
Cadmium	106-1	0.59	0.32	0.22	0.38	51.65	ppb
Cadmium	108-1	0.14	0.08	0.05	0.09	50.67	ppb
Calcium	43-1	92327.00	93139.62	91990.44	92485.69	0.64	ppb
Calcium	44-1	95337.08	95533.02	96677.62	95849.24	0.76	ppb
Chromium	52-2	0.57	0.65	0.50	0.57	13.03	ppb
Cobalt	59-2	0.22	0.19	0.22	0.21	8.86	ppb
Copper	63-2	4.93	4.91	4.76	4.87	1.90	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				102		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	11.97	12.02	11.83	11.94	0.82	ppb
Iron	57-2	84.00	89.00	90.93	87.98	4.06	ppb
Lead	206-1	0.31	0.29	0.32	0.30	4.88	ppb
Lead	207-1	0.32	0.29	0.31	0.31	4.87	ppb
Lead	208-1	0.32	0.30	0.33	0.32	5.25	ppb
Lithium	6-1				99		%
Magnesium	24-2	55151.10	55105.78	54120.57	54792.48	1.06	ppb
Manganese	55-2	17.58	17.46	17.67	17.57	0.62	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-04	Instrumnet Name :	P7
Client Sample ID :	MH0AZ2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:06:54	DataFile Name :	028SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.84	2.90	2.96	2.90	2.08	ppb
Molybdenum	95-1	9.06	9.31	9.20	9.19	1.36	ppb
Molybdenum	96-1	7.88	7.43	7.66	7.66	2.94	ppb
Molybdenum	97-1	9.02	9.13	8.99	9.04	0.81	ppb
Molybdenum	98-1	8.78	8.77	8.71	8.75	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.22	1.24	1.14	1.20	4.43	ppb
Phosphorus	31-2	738.93	680.07	681.33	700.11	4.80	ppb
Potassium	39-2	17100.19	17243.43	16899.14	17080.92	1.01	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	5.68	5.02	2.80	4.50	33.52	ppb
Selenium	78-2	2.58	1.43	2.39	2.13	29.07	ppb
Selenium	82-1	-0.03	0.74	0.36	0.36	106.68	ppb
Silicon	28-1	9424.67	9492.27	9385.67	9434.20	0.57	ppb
Silver	109-1	0.29	0.33	0.31	0.31	6.50	ppb
Silver	107-1	0.28	0.26	0.29	0.28	5.02	ppb
Sodium	23-2	201155.25	201853.37	200329.51	201112.71	0.38	ppb
Strontium	86-1	991.80	1003.01	984.30	993.04	0.95	ppb
Strontium	88-1	1016.68	1032.51	1004.09	1017.76	1.40	ppb
Sulfur	34-1	94856.01	95790.77	95077.24	95241.34	0.51	ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	0.02	0.02	0.03	0.03	8.02	ppb
Thallium	205-1	0.02	0.03	0.02	0.02	9.83	ppb
Tin	118-1	0.17	0.17	0.15	0.16	6.51	ppb
Titanium	47-1	0.89	0.95	0.91	0.91	3.34	ppb
Uranium	238-1	7.92	7.77	7.78	7.82	1.06	ppb
Vanadium	51-2	4.60	4.76	4.68	4.68	1.70	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	28.33	28.21	28.42	28.32	0.37	ppb
Zirconium	90-1	0.11	0.12	0.12	0.11	4.46	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-04	Instrumnet Name :	P7
Client Sample ID :	MH0AZ2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:06:54	DataFile Name :	028SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.15	0.13	0.09	0.12	22.27	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-01	Instrumnet Name :	P7
Client Sample ID :	MJJ4N2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:10:20	DataFile Name :	029SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.02	19.65	23.76	22.81	12.33	ppb
Antimony	121-1	1.12	1.19	1.10	1.14	4.01	ppb
Arsenic	75-2	0.40	0.53	0.49	0.48	13.83	ppb
Barium	135-1	50.88	49.54	49.63	50.02	1.50	ppb
Barium	137-1	49.44	50.48	49.54	49.82	1.15	ppb
Beryllium	9-1	0.03	0.01	0.03	0.02	57.30	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	10-1	22.38	24.77	24.14	23.76	5.23	ppb
Boron	11-1	24.84	26.08	25.82	25.58	2.54	ppb
Cadmium	111-1	1.95	2.11	1.93	1.99	4.96	ppb
Cadmium	106-1	0.52	2.31	1.37	1.40	63.94	ppb
Cadmium	108-1	2.26	2.26	1.70	2.07	15.66	ppb
Calcium	43-1	14756.50	14999.90	14815.54	14857.31	0.85	ppb
Calcium	44-1	15285.55	15708.72	15244.93	15413.07	1.67	ppb
Chromium	52-2	0.01	0.04	0.10	0.05	103.01	ppb
Cobalt	59-2	1.23	1.23	1.23	1.23	0.14	ppb
Copper	63-2	2.68	2.79	2.76	2.74	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				103		%
Holmium	165-2				100		%
Indium	115-1				107		%
Indium	115-2				99		%
Iron	56-2	331.22	329.65	329.74	330.20	0.27	ppb
Iron	57-2	320.40	335.65	326.76	327.60	2.34	ppb
Lead	206-1	7.08	6.89	7.11	7.03	1.64	ppb
Lead	207-1	7.01	7.39	7.25	7.22	2.67	ppb
Lead	208-1	6.96	6.97	7.02	6.98	0.51	ppb
Lithium	6-1				100		%
Magnesium	24-2	5053.17	5010.66	5083.94	5049.26	0.73	ppb
Manganese	55-2	380.84	379.66	382.63	381.04	0.39	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-01	Instrumnet Name :	P7
Client Sample ID :	MJJ4N2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:10:20	DataFile Name :	029SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.11	0.11	0.12	0.11	4.44	ppb
Molybdenum	95-1	0.22	0.20	0.19	0.20	7.10	ppb
Molybdenum	96-1	0.16	0.20	0.16	0.17	11.10	ppb
Molybdenum	97-1	0.25	0.25	0.22	0.24	7.28	ppb
Molybdenum	98-1	0.19	0.20	0.22	0.20	8.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.23	2.32	2.26	2.27	2.04	ppb
Phosphorus	31-2	-0.91	11.71	21.53	10.78	104.35	ppb
Potassium	39-2	2251.13	2258.17	2292.29	2267.20	0.97	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	2.26	0.56	0.00	0.94	125.13	ppb
Selenium	78-2	-0.22	-0.34	-1.00	-0.52		ppb
Selenium	82-1	-1.17	-2.03	-2.12	-1.77		ppb
Silicon	28-1	9377.70	9385.67	9263.27	9342.22	0.73	ppb
Silver	109-1	0.32	0.34	0.34	0.33	3.26	ppb
Silver	107-1	0.31	0.34	0.33	0.32	4.10	ppb
Sodium	23-2	3871.06	3861.05	3903.13	3878.41	0.57	ppb
Strontium	86-1	83.87	86.58	86.38	85.61	1.77	ppb
Strontium	88-1	83.64	85.13	85.38	84.72	1.11	ppb
Sulfur	34-1	10479.31	10602.02	10142.70	10408.01	2.28	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.01	0.01	0.01	38.58	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	103.72	ppb
Tin	118-1	0.01	0.04	0.05	0.04	55.33	ppb
Titanium	47-1	1.34	1.19	1.20	1.24	6.67	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	16.75	ppb
Vanadium	51-2	0.34	0.27	0.35	0.32	14.25	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	563.16	568.07	571.91	567.71	0.77	ppb
Zirconium	90-1	0.07	0.09	0.07	0.08	15.20	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-01	Instrumnet Name :	P7
Client Sample ID :	MJJ4N2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:10:20	DataFile Name :	029SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.08	0.06	0.07	21.92	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-02	Instrumnet Name :	P7
Client Sample ID :	MJJ4N3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:13:48	DataFile Name :	030SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.52	19.36	23.41	21.76	9.78	ppb
Antimony	121-1	1.24	1.26	1.20	1.23	2.25	ppb
Arsenic	75-2	0.52	0.57	0.48	0.52	8.20	ppb
Barium	135-1	52.41	51.72	51.38	51.84	1.01	ppb
Barium	137-1	52.17	50.83	51.73	51.57	1.33	ppb
Beryllium	9-1	0.00	0.00	0.04	0.01	139.88	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	10-1	22.02	21.22	22.66	21.96	3.29	ppb
Boron	11-1	23.30	21.86	22.78	22.65	3.22	ppb
Cadmium	111-1	2.01	2.10	2.03	2.05	2.25	ppb
Cadmium	106-1	1.19	1.36	1.31	1.29	6.73	ppb
Cadmium	108-1	1.83	2.27	2.11	2.07	10.70	ppb
Calcium	43-1	15701.99	15528.69	15232.05	15487.58	1.53	ppb
Calcium	44-1	16259.41	16148.19	16163.76	16190.45	0.37	ppb
Chromium	52-2	0.20	0.13	0.18	0.17	23.83	ppb
Cobalt	59-2	1.32	1.26	1.29	1.29	2.11	ppb
Copper	63-2	2.89	2.70	2.84	2.81	3.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				98		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	56-2	341.04	346.86	340.93	342.94	0.99	ppb
Iron	57-2	343.68	350.46	347.01	347.05	0.98	ppb
Lead	206-1	7.30	7.23	7.47	7.33	1.68	ppb
Lead	207-1	7.57	7.58	7.60	7.58	0.17	ppb
Lead	208-1	7.31	7.28	7.40	7.33	0.83	ppb
Lithium	6-1				97		%
Magnesium	24-2	5229.45	5332.47	5189.79	5250.57	1.40	ppb
Manganese	55-2	396.41	403.24	397.84	399.16	0.90	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-02	Instrumnet Name :	P7
Client Sample ID :	MJJ4N3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:13:48	DataFile Name :	030SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.13	0.09	0.11	0.11	15.63	ppb
Molybdenum	95-1	0.21	0.18	0.19	0.19	8.99	ppb
Molybdenum	96-1	0.14	0.14	0.20	0.16	19.89	ppb
Molybdenum	97-1	0.19	0.23	0.23	0.21	9.32	ppb
Molybdenum	98-1	0.18	0.19	0.19	0.19	2.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.59	2.59	2.43	2.53	3.63	ppb
Phosphorus	31-2	-3.86	7.48	-0.29	1.11	522.87	ppb
Potassium	39-2	2366.15	2392.72	2341.00	2366.63	1.09	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	0.00	0.00	0.57	0.19	173.21	ppb
Selenium	78-2	-0.25	-1.04	-1.16	-0.82		ppb
Selenium	82-1	-2.14	-1.97	-1.35	-1.82		ppb
Silicon	28-1	9905.11	9535.77	9725.40	9722.09	1.90	ppb
Silver	109-1	0.31	0.32	0.32	0.31	1.02	ppb
Silver	107-1	0.30	0.34	0.35	0.33	8.05	ppb
Sodium	23-2	4014.38	4014.80	3973.61	4000.93	0.59	ppb
Strontium	86-1	89.25	89.62	88.42	89.10	0.69	ppb
Strontium	88-1	88.70	89.56	88.03	88.76	0.86	ppb
Sulfur	34-1	10865.01	10248.57	10423.55	10512.38	3.02	ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	0.00	0.00	0.02	0.01	153.66	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	80.30	ppb
Tin	118-1	0.01	0.01	0.04	0.02	96.69	ppb
Titanium	47-1	1.38	1.53	1.17	1.36	13.35	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	10.23	ppb
Vanadium	51-2	0.31	0.33	0.35	0.33	6.16	ppb
Yttrium	89-1				103		%
Yttrium	89-2				97		%
Zinc	66-2	585.71	594.84	585.23	588.59	0.92	ppb
Zirconium	90-1	0.09	0.09	0.08	0.09	3.10	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-02	Instrumnet Name :	P7
Client Sample ID :	MJJ4N3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:13:48	DataFile Name :	030SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.06	0.05	0.06	16.45	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-03	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:17:15	DataFile Name :	031SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28.79	27.56	25.67	27.34	5.75	ppb
Antimony	121-1	0.39	0.46	0.44	0.43	8.93	ppb
Arsenic	75-2	0.64	0.66	0.49	0.60	15.63	ppb
Barium	135-1	27.62	27.33	27.55	27.50	0.55	ppb
Barium	137-1	27.57	27.63	27.80	27.66	0.43	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	101.25	ppb
Bismuth	209-1				102		%
Bismuth	209-2				96		%
Boron	10-1	8.38	6.60	7.33	7.44	12.04	ppb
Boron	11-1	7.92	7.42	8.10	7.81	4.46	ppb
Cadmium	111-1	0.18	0.24	0.21	0.21	14.55	ppb
Cadmium	106-1	-0.38	0.42	0.26	0.10	415.47	ppb
Cadmium	108-1	0.22	0.16	0.26	0.21	21.98	ppb
Calcium	43-1	180193.84	180719.69	184495.62	181803.05	1.29	ppb
Calcium	44-1	187326.81	187052.17	190278.94	188219.31	0.95	ppb
Chromium	52-2	0.10	0.10	0.10	0.10	3.95	ppb
Cobalt	59-2	0.39	0.38	0.37	0.38	3.36	ppb
Copper	63-2	2.08	2.02	2.09	2.06	1.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	56-2	125.21	125.41	124.17	124.93	0.53	ppb
Iron	57-2	256.47	266.76	274.42	265.88	3.39	ppb
Lead	206-1	1.28	1.26	1.24	1.26	1.70	ppb
Lead	207-1	1.35	1.32	1.32	1.33	1.58	ppb
Lead	208-1	1.28	1.28	1.24	1.27	1.70	ppb
Lithium	6-1				92		%
Magnesium	24-2	38981.55	39659.66	38658.28	39099.83	1.31	ppb
Manganese	55-2	96.44	95.52	95.28	95.75	0.64	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-03	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:17:15	DataFile Name :	031SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.16	0.10	0.10	0.12	29.59	ppb
Molybdenum	95-1	0.20	0.17	0.19	0.19	8.44	ppb
Molybdenum	96-1	0.17	0.18	0.18	0.17	2.39	ppb
Molybdenum	97-1	0.23	0.22	0.18	0.21	13.04	ppb
Molybdenum	98-1	0.20	0.18	0.17	0.19	7.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.73	0.84	0.79	0.79	6.85	ppb
Phosphorus	31-2	0.87	4.43	-2.95	0.78	471.39	ppb
Potassium	39-2	6230.78	6214.43	6243.58	6229.60	0.23	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.56	0.56	0.37	86.60	ppb
Selenium	78-2	-1.03	0.01	0.21	-0.27		ppb
Selenium	82-1	-1.76	-1.97	-1.82	-1.85		ppb
Silicon	28-1	5600.71	5567.82	5707.02	5625.18	1.29	ppb
Silver	109-1	0.22	0.25	0.23	0.23	7.13	ppb
Silver	107-1	0.23	0.29	0.27	0.26	11.66	ppb
Sodium	23-2	3763.16	3815.12	3789.77	3789.35	0.69	ppb
Strontium	86-1	379.61	369.62	376.68	375.30	1.37	ppb
Strontium	88-1	388.85	383.45	380.68	384.33	1.08	ppb
Sulfur	34-1	143404.00	142369.25	146169.26	143980.84	1.36	ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.00	0.00	0.00	187.61	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.03	0.04	0.02	0.03	33.34	ppb
Titanium	47-1	0.93	0.95	1.05	0.98	6.91	ppb
Uranium	238-1	0.58	0.60	0.59	0.59	1.30	ppb
Vanadium	51-2	0.24	0.19	0.20	0.21	12.63	ppb
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	48.37	50.12	50.17	49.55	2.07	ppb
Zirconium	90-1	0.10	0.10	0.10	0.10	2.75	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-03	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:17:15	DataFile Name :	031SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.12	0.07	0.11	0.10	27.31	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-04	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:20:41	DataFile Name :	032SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.46	24.06	27.86	26.13	7.35	ppb
Antimony	121-1	0.44	0.42	0.43	0.43	2.57	ppb
Arsenic	75-2	0.55	0.73	0.60	0.63	14.62	ppb
Barium	135-1	27.80	28.27	27.77	27.95	0.99	ppb
Barium	137-1	27.35	27.30	27.25	27.30	0.18	ppb
Beryllium	9-1	0.03	0.03	0.01	0.02	65.67	ppb
Bismuth	209-1				102		%
Bismuth	209-2				94		%
Boron	10-1	5.98	6.95	7.15	6.69	9.38	ppb
Boron	11-1	6.90	6.16	6.25	6.44	6.28	ppb
Cadmium	111-1	0.22	0.27	0.25	0.25	10.79	ppb
Cadmium	106-1	0.05	1.14	0.30	0.50	114.31	ppb
Cadmium	108-1	0.31	0.40	0.26	0.32	23.11	ppb
Calcium	43-1	178295.16	181449.77	180563.40	180102.78	0.90	ppb
Calcium	44-1	184300.02	191136.11	188586.08	188007.40	1.84	ppb
Chromium	52-2	0.13	0.09	0.08	0.10	24.21	ppb
Cobalt	59-2	0.43	0.38	0.41	0.40	5.95	ppb
Copper	63-2	2.09	2.23	2.20	2.17	3.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				97		%
Indium	115-1				106		%
Indium	115-2				96		%
Iron	56-2	124.37	124.04	123.53	123.98	0.34	ppb
Iron	57-2	258.89	279.44	278.25	272.19	4.24	ppb
Lead	206-1	1.22	1.26	1.27	1.25	1.73	ppb
Lead	207-1	1.27	1.32	1.29	1.30	1.90	ppb
Lead	208-1	1.24	1.26	1.23	1.24	1.26	ppb
Lithium	6-1				92		%
Magnesium	24-2	39088.41	38900.36	38361.85	38783.54	0.97	ppb
Manganese	55-2	96.08	94.73	94.14	94.98	1.05	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-04	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:20:41	DataFile Name :	032SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.12	0.11	0.12	0.12	5.61	ppb
Molybdenum	95-1	0.22	0.14	0.14	0.17	25.35	ppb
Molybdenum	96-1	0.15	0.16	0.20	0.17	14.24	ppb
Molybdenum	97-1	0.19	0.22	0.24	0.22	11.48	ppb
Molybdenum	98-1	0.18	0.16	0.16	0.17	6.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.83	0.79	0.84	0.82	2.97	ppb
Phosphorus	31-2	-12.84	-0.21	1.37	-3.89		ppb
Potassium	39-2	6214.28	6225.20	6095.03	6178.17	1.17	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	77-2	1.74	0.57	0.57	0.96	70.40	ppb
Selenium	78-2	0.59	-0.54	-0.48	-0.14		ppb
Selenium	82-1	-1.30	-2.52	-1.63	-1.82		ppb
Silicon	28-1	5491.37	5652.35	5607.47	5583.73	1.49	ppb
Silver	109-1	0.20	0.21	0.24	0.22	9.23	ppb
Silver	107-1	0.19	0.23	0.25	0.23	12.32	ppb
Sodium	23-2	3795.85	3785.50	3766.34	3782.56	0.40	ppb
Strontium	86-1	382.06	373.35	371.56	375.66	1.50	ppb
Strontium	88-1	391.10	384.83	383.38	386.44	1.06	ppb
Sulfur	34-1	141242.29	145635.68	145432.38	144103.45	1.72	ppb
Terbium	159-1				105		%
Terbium	159-2				98		%
Thallium	203-1	0.01	0.00	0.00	0.01	82.59	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	297.33	ppb
Tin	118-1	0.02	0.02	0.00	0.01	101.04	ppb
Titanium	47-1	0.79	0.79	0.87	0.82	5.89	ppb
Uranium	238-1	0.59	0.60	0.53	0.57	6.80	ppb
Vanadium	51-2	0.18	0.21	0.22	0.20	10.17	ppb
Yttrium	89-1				104		%
Yttrium	89-2				96		%
Zinc	66-2	48.80	49.25	48.09	48.71	1.20	ppb
Zirconium	90-1	0.09	0.10	0.09	0.09	2.43	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-04	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:20:41	DataFile Name :	032SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.10	0.08	0.09	9.73	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-03LX5	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-17 12:24:08	DataFile Name :	033SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.29	6.39	6.07	6.58	9.60	ppb
Antimony	121-1	0.08	0.09	0.09	0.09	10.36	ppb
Arsenic	75-2	0.11	0.09	0.16	0.12	28.00	ppb
Barium	135-1	5.20	5.09	5.35	5.21	2.49	ppb
Barium	137-1	5.29	5.33	5.54	5.39	2.40	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	70.65	ppb
Bismuth	209-1				99		%
Bismuth	209-2				93		%
Boron	10-1	3.44	3.52	3.46	3.47	1.08	ppb
Boron	11-1	3.23	3.53	3.32	3.36	4.59	ppb
Cadmium	111-1	-0.03	-0.02	0.10	0.01	523.89	ppb
Cadmium	106-1	-0.71	-1.12	0.52	-0.44		ppb
Cadmium	108-1	0.11	-0.01	0.08	0.06	104.80	ppb
Calcium	43-1	35877.69	36438.14	35623.00	35979.61	1.16	ppb
Calcium	44-1	37144.36	37277.35	37008.33	37143.35	0.36	ppb
Chromium	52-2	0.05	0.06	0.05	0.05	7.46	ppb
Cobalt	59-2	0.08	0.08	0.06	0.07	18.53	ppb
Copper	63-2	0.88	0.95	0.85	0.89	5.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				94		%
Indium	115-1				103		%
Indium	115-2				94		%
Iron	56-2	26.32	26.02	26.28	26.20	0.62	ppb
Iron	57-2	52.89	57.31	53.18	54.46	4.54	ppb
Lead	206-1	0.28	0.31	0.25	0.28	9.91	ppb
Lead	207-1	0.28	0.26	0.27	0.27	5.27	ppb
Lead	208-1	0.27	0.27	0.26	0.27	2.71	ppb
Lithium	6-1				90		%
Magnesium	24-2	7686.95	7641.46	7608.14	7645.52	0.52	ppb
Manganese	55-2	19.12	18.88	18.97	18.99	0.63	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-03LX5	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-17 12:24:08	DataFile Name :	033SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.03	0.01	0.02	48.23	ppb
Molybdenum	95-1	0.03	0.04	0.07	0.04	48.22	ppb
Molybdenum	96-1	0.04	0.03	0.03	0.03	17.37	ppb
Molybdenum	97-1	0.07	0.06	0.07	0.07	12.82	ppb
Molybdenum	98-1	0.06	0.05	0.06	0.06	9.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.20	0.17	0.20	12.38	ppb
Phosphorus	31-2	10.74	6.77	4.45	7.32	43.43	ppb
Potassium	39-2	1273.52	1269.58	1261.24	1268.11	0.49	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	77-2	0.59	0.59	0.00	0.39	86.60	ppb
Selenium	78-2	-0.73	0.34	-1.24	-0.54		ppb
Selenium	82-1	-1.87	-1.97	-1.56	-1.80		ppb
Silicon	28-1	1116.26	1124.71	1100.32	1113.76	1.11	ppb
Silver	109-1	0.11	0.11	0.07	0.10	21.84	ppb
Silver	107-1	0.10	0.12	0.12	0.11	8.13	ppb
Sodium	23-2	823.98	810.01	814.10	816.03	0.88	ppb
Strontium	86-1	72.96	74.55	74.01	73.84	1.10	ppb
Strontium	88-1	73.77	73.85	73.43	73.68	0.31	ppb
Sulfur	34-1	37142.34	37217.11	36705.37	37021.61	0.75	ppb
Terbium	159-1				102		%
Terbium	159-2				95		%
Thallium	203-1	0.01	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.02	0.00	0.01	0.01	69.95	ppb
Titanium	47-1	0.14	0.14	0.15	0.14	1.64	ppb
Uranium	238-1	0.12	0.09	0.11	0.11	12.69	ppb
Vanadium	51-2	0.04	0.04	0.04	0.04	4.57	ppb
Yttrium	89-1				101		%
Yttrium	89-2				94		%
Zinc	66-2	10.16	10.17	10.48	10.27	1.78	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	23.08	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-03LX5	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-17 12:24:08	DataFile Name :	033SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.00	0.02	70.92	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-05	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:27:34	DataFile Name :	034SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2006.24	1995.60	2011.10	2004.31	0.40	ppb
Antimony	121-1	104.98	104.87	106.67	105.51	0.96	ppb
Arsenic	75-2	43.50	43.26	44.24	43.66	1.17	ppb
Barium	135-1	2084.55	2107.43	2111.12	2101.03	0.69	ppb
Barium	137-1	2174.92	2213.58	2204.11	2197.54	0.92	ppb
Beryllium	9-1	52.40	53.73	52.65	52.93	1.33	ppb
Bismuth	209-1				103		%
Bismuth	209-2				96		%
Boron	10-1	5.57	6.09	5.28	5.65	7.24	ppb
Boron	11-1	5.10	4.94	5.09	5.04	1.72	ppb
Cadmium	111-1	51.87	52.74	52.61	52.41	0.89	ppb
Cadmium	106-1	43.28	46.87	42.31	44.15	5.44	ppb
Cadmium	108-1	46.45	46.13	48.28	46.95	2.46	ppb
Calcium	43-1	181185.93	178996.55	180929.63	180370.70	0.66	ppb
Calcium	44-1	188243.81	188995.84	187282.15	188173.93	0.46	ppb
Chromium	52-2	223.63	225.16	224.95	224.58	0.37	ppb
Cobalt	59-2	568.73	568.06	575.99	570.93	0.77	ppb
Copper	63-2	293.73	293.81	300.73	296.09	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				99		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	56-2	1283.02	1296.80	1290.08	1289.97	0.53	ppb
Iron	57-2	1389.52	1354.65	1407.46	1383.88	1.94	ppb
Lead	206-1	21.96	22.80	22.46	22.41	1.91	ppb
Lead	207-1	21.73	22.02	22.11	21.95	0.91	ppb
Lead	208-1	21.56	22.00	21.75	21.77	1.02	ppb
Lithium	6-1				95		%
Magnesium	24-2	38303.74	38222.50	38233.56	38253.27	0.12	ppb
Manganese	55-2	638.00	638.98	641.52	639.50	0.28	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-05	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:27:34	DataFile Name :	034SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.11	0.08	0.11	0.10	16.35	ppb
Molybdenum	95-1	0.23	0.21	0.24	0.23	5.49	ppb
Molybdenum	96-1	0.21	0.20	0.19	0.20	3.68	ppb
Molybdenum	97-1	0.23	0.25	0.29	0.26	10.80	ppb
Molybdenum	98-1	0.17	0.18	0.21	0.19	11.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	572.53	574.17	578.32	575.00	0.52	ppb
Phosphorus	31-2	0.25	2.00	-5.49	-1.08		ppb
Potassium	39-2	6049.31	6041.14	6170.50	6086.98	1.19	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	77-2	104.82	103.09	113.10	107.01	5.00	ppb
Selenium	78-2	109.55	111.54	107.29	109.46	1.94	ppb
Selenium	82-1	103.80	106.89	106.16	105.62	1.53	ppb
Silicon	28-1	5579.33	5598.24	5604.30	5593.96	0.23	ppb
Silver	109-1	13.57	13.66	13.81	13.68	0.88	ppb
Silver	107-1	13.89	13.85	14.00	13.91	0.57	ppb
Sodium	23-2	3707.89	3751.68	3722.83	3727.47	0.60	ppb
Strontium	86-1	376.36	376.21	375.27	375.94	0.16	ppb
Strontium	88-1	378.58	386.05	382.59	382.40	0.98	ppb
Sulfur	34-1	144774.57	143163.41	143346.05	143761.34	0.61	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	51.70	52.10	51.81	51.87	0.40	ppb
Thallium	205-1	51.65	52.87	52.09	52.20	1.19	ppb
Tin	118-1	0.07	0.04	0.04	0.05	38.64	ppb
Titanium	47-1	0.91	1.06	0.96	0.98	7.93	ppb
Uranium	238-1	0.57	0.57	0.58	0.57	0.97	ppb
Vanadium	51-2	549.00	552.90	554.95	552.29	0.55	ppb
Yttrium	89-1				103		%
Yttrium	89-2				96		%
Zinc	66-2	626.24	627.99	635.01	629.74	0.74	ppb
Zirconium	90-1	0.07	0.08	0.07	0.07	3.47	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-05	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:27:34	DataFile Name :	034SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.09	0.06	0.08	18.49	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-06	Instrumnet Name :	P7
Client Sample ID :	MJJ4N5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:30:59	DataFile Name :	035SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.60	3.58	3.74	3.97	13.77	ppb
Antimony	121-1	0.44	0.48	0.51	0.48	6.71	ppb
Arsenic	75-2	10.53	10.31	10.71	10.52	1.89	ppb
Barium	135-1	79.00	79.42	79.59	79.34	0.39	ppb
Barium	137-1	77.26	78.75	78.59	78.20	1.04	ppb
Beryllium	9-1	0.04	0.01	0.02	0.02	74.12	ppb
Bismuth	209-1				103		%
Bismuth	209-2				95		%
Boron	10-1	17.84	17.54	17.77	17.72	0.87	ppb
Boron	11-1	17.95	18.29	19.12	18.45	3.25	ppb
Cadmium	111-1	0.13	0.14	0.06	0.11	42.87	ppb
Cadmium	106-1	1.43	1.31	0.30	1.01	61.30	ppb
Cadmium	108-1	1.28	1.10	1.37	1.25	10.96	ppb
Calcium	43-1	44720.78	45241.63	45049.76	45004.06	0.59	ppb
Calcium	44-1	46775.39	46655.68	47010.99	46814.02	0.39	ppb
Chromium	52-2	0.11	0.11	0.13	0.11	10.86	ppb
Cobalt	59-2	7.56	7.62	7.61	7.60	0.42	ppb
Copper	63-2	1.96	1.92	1.93	1.94	1.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				99		%
Indium	115-1				105		%
Indium	115-2				96		%
Iron	56-2	8754.00	8655.21	8571.58	8660.26	1.05	ppb
Iron	57-2	8487.74	8456.14	8423.43	8455.77	0.38	ppb
Lead	206-1	0.67	0.64	0.62	0.65	3.94	ppb
Lead	207-1	0.64	0.64	0.68	0.65	3.14	ppb
Lead	208-1	0.64	0.62	0.65	0.64	2.02	ppb
Lithium	6-1				94		%
Magnesium	24-2	17536.82	17499.20	17354.89	17463.63	0.55	ppb
Manganese	55-2	3710.62	3837.82	3679.35	3742.60	2.24	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-06	Instrumnet Name :	P7
Client Sample ID :	MJJ4N5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:30:59	DataFile Name :	035SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.16	0.14	0.14	0.14	8.50	ppb
Molybdenum	95-1	0.38	0.41	0.39	0.39	4.30	ppb
Molybdenum	96-1	0.32	0.36	0.36	0.35	5.32	ppb
Molybdenum	97-1	0.40	0.40	0.37	0.39	4.66	ppb
Molybdenum	98-1	0.35	0.39	0.31	0.35	11.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.51	7.88	7.68	7.69	2.45	ppb
Phosphorus	31-2	146.77	153.37	184.90	161.68	12.60	ppb
Potassium	39-2	3460.83	3465.97	3458.91	3461.90	0.11	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.46	-0.90	-1.43	-1.26		ppb
Selenium	82-1	-2.23	-2.91	-1.69	-2.27		ppb
Silicon	28-1	7616.28	7659.99	7622.93	7633.07	0.31	ppb
Silver	109-1	0.22	0.24	0.25	0.24	5.61	ppb
Silver	107-1	0.23	0.23	0.28	0.25	12.68	ppb
Sodium	23-2	15655.13	15569.57	15268.83	15497.84	1.31	ppb
Strontium	86-1	123.29	121.48	121.28	122.02	0.91	ppb
Strontium	88-1	120.99	119.79	122.00	120.93	0.91	ppb
Sulfur	34-1	54754.65	55071.87	54640.19	54822.23	0.41	ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	0.02	0.01	0.01	0.02	19.07	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	19.56	ppb
Tin	118-1	0.01	0.05	0.04	0.03	54.63	ppb
Titanium	47-1	0.71	0.86	0.63	0.73	16.18	ppb
Uranium	238-1	0.00	0.01	0.00	0.01	27.39	ppb
Vanadium	51-2	0.20	0.22	0.19	0.20	7.10	ppb
Yttrium	89-1				104		%
Yttrium	89-2				96		%
Zinc	66-2	5352.75	5394.07	5338.87	5361.90	0.54	ppb
Zirconium	90-1	0.06	0.06	0.05	0.06	11.31	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-06	Instrumnet Name :	P7
Client Sample ID :	MJJ4N5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:30:59	DataFile Name :	035SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.07	0.07	0.07	4.73	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-07	Instrumnet Name :	P7
Client Sample ID :	MJJ4N6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:34:25	DataFile Name :	036SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.89	2.58	3.69	3.05	18.79	ppb
Antimony	121-1	0.14	0.17	0.16	0.16	11.71	ppb
Arsenic	75-2	0.06	0.05	0.04	0.05	13.87	ppb
Barium	135-1	0.01	0.06	0.05	0.04	64.57	ppb
Barium	137-1	0.05	0.04	0.04	0.04	12.59	ppb
Beryllium	9-1	-0.02	0.01	0.00	0.00	13998.29	ppb
Bismuth	209-1				103		%
Bismuth	209-2				95		%
Boron	10-1	1.46	1.50	2.01	1.66	18.34	ppb
Boron	11-1	1.69	1.56	1.74	1.66	5.65	ppb
Cadmium	111-1	0.04	-0.09	0.01	-0.01		ppb
Cadmium	106-1	0.50	-1.13	0.18	-0.15		ppb
Cadmium	108-1	0.05	0.05	0.05	0.05	1.78	ppb
Calcium	43-1	19.63	26.92	20.56	22.37	17.74	ppb
Calcium	44-1	34.34	34.24	35.97	34.85	2.79	ppb
Chromium	52-2	0.04	0.09	0.11	0.08	43.76	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	53.05	ppb
Copper	63-2	1.91	1.87	1.92	1.90	1.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				98		%
Indium	115-1				106		%
Indium	115-2				96		%
Iron	56-2	3.13	2.92	3.12	3.06	3.94	ppb
Iron	57-2	2.49	2.73	2.87	2.69	7.03	ppb
Lead	206-1	0.08	0.06	0.07	0.07	15.51	ppb
Lead	207-1	0.07	0.07	0.08	0.07	10.45	ppb
Lead	208-1	0.07	0.07	0.08	0.07	8.80	ppb
Lithium	6-1				96		%
Magnesium	24-2	4.60	4.38	4.55	4.51	2.48	ppb
Manganese	55-2	0.27	0.27	0.27	0.27	0.70	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-07	Instrumnet Name :	P7
Client Sample ID :	MJJ4N6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:34:25	DataFile Name :	036SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	0.00	0.01	50.79	ppb
Molybdenum	95-1	0.02	0.02	0.01	0.02	58.48	ppb
Molybdenum	96-1	0.01	0.00	0.00	0.00	156.58	ppb
Molybdenum	97-1	0.04	0.05	0.03	0.04	24.31	ppb
Molybdenum	98-1	0.03	0.02	0.01	0.02	52.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.16	0.14	0.16	0.15	6.77	ppb
Phosphorus	31-2	-16.12	-18.38	9.85	-8.22		ppb
Potassium	39-2	31.11	28.95	29.02	29.69	4.15	ppb
Rhodium	103-1				105		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	77-2	0.00	0.57	0.00	0.19	173.21	ppb
Selenium	78-2	0.71	-0.35	-1.40	-0.35		ppb
Selenium	82-1	-1.94	-2.10	-2.27	-2.10		ppb
Silicon	28-1	-2.16	-1.32	-1.74	-1.74		ppb
Silver	109-1	0.21	0.24	0.23	0.23	5.32	ppb
Silver	107-1	0.20	0.24	0.25	0.23	11.78	ppb
Sodium	23-2	123.42	122.79	121.46	122.56	0.81	ppb
Strontium	86-1	-0.01	-0.01	0.02	0.00		ppb
Strontium	88-1	0.04	0.03	0.03	0.04	9.78	ppb
Sulfur	34-1	-625.58	-663.47	-392.09	-560.38		ppb
Terbium	159-1				106		%
Terbium	159-2				98		%
Thallium	203-1	0.00	0.01	0.01	0.01	99.20	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	275.50	ppb
Tin	118-1	0.06	0.05	0.05	0.05	6.39	ppb
Titanium	47-1	0.00	0.05	0.05	0.03	85.64	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.14	0.12	0.12	0.13	6.78	ppb
Yttrium	89-1				103		%
Yttrium	89-2				96		%
Zinc	66-2	14.22	14.32	14.36	14.30	0.51	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-07	Instrumnet Name :	P7
Client Sample ID :	MJJ4N6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:34:25	DataFile Name :	036SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.00	0.01	49.73	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-08	Instrumnet Name :	P7
Client Sample ID :	MJJ4N7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:37:52	DataFile Name :	037SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.19	14.24	14.13	14.19	0.39	ppb
Antimony	121-1	0.13	0.17	0.15	0.15	13.57	ppb
Arsenic	75-2	0.10	0.09	0.01	0.07	71.68	ppb
Barium	135-1	0.36	0.52	0.40	0.43	18.49	ppb
Barium	137-1	0.49	0.42	0.47	0.46	7.51	ppb
Beryllium	9-1	-0.01	0.03	0.00	0.01	309.27	ppb
Bismuth	209-1				102		%
Bismuth	209-2				94		%
Boron	10-1	1.40	1.30	1.02	1.24	15.93	ppb
Boron	11-1	1.50	1.34	1.72	1.52	12.52	ppb
Cadmium	111-1	-0.04	-0.06	0.19	0.03	477.86	ppb
Cadmium	106-1	-0.47	-1.01	2.13	0.22	779.06	ppb
Cadmium	108-1	0.08	0.02	0.02	0.04	89.02	ppb
Calcium	43-1	174.50	168.60	154.09	165.73	6.34	ppb
Calcium	44-1	189.42	199.68	193.12	194.08	2.68	ppb
Chromium	52-2	16.44	16.65	16.61	16.57	0.70	ppb
Cobalt	59-2	0.42	0.40	0.40	0.41	2.96	ppb
Copper	63-2	2.68	2.99	2.78	2.82	5.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				96		%
Indium	115-1				104		%
Indium	115-2				95		%
Iron	56-2	63.97	63.50	64.52	64.00	0.80	ppb
Iron	57-2	54.99	66.17	61.18	60.78	9.21	ppb
Lead	206-1	2.07	1.93	2.00	2.00	3.46	ppb
Lead	207-1	1.78	1.83	1.83	1.81	1.40	ppb
Lead	208-1	1.90	1.88	1.90	1.89	0.54	ppb
Lithium	6-1				96		%
Magnesium	24-2	11.50	11.87	13.56	12.31	8.92	ppb
Manganese	55-2	12.46	12.46	12.45	12.45	0.07	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-08	Instrumnet Name :	P7
Client Sample ID :	MJJ4N7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:37:52	DataFile Name :	037SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.03	0.02	0.03	14.30	ppb
Molybdenum	95-1	0.08	0.04	0.06	0.06	32.03	ppb
Molybdenum	96-1	0.03	0.04	0.03	0.03	24.26	ppb
Molybdenum	97-1	0.09	0.04	0.09	0.08	35.56	ppb
Molybdenum	98-1	0.05	0.07	0.04	0.05	26.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.46	19.92	20.21	20.20	1.33	ppb
Phosphorus	31-2	-2.97	3.20	8.63	2.95	196.69	ppb
Potassium	39-2	38.40	35.96	45.83	40.06	12.84	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	77-2	0.59	1.78	0.59	0.99	69.47	ppb
Selenium	78-2	-0.63	-0.32	-0.62	-0.53		ppb
Selenium	82-1	-2.94	-2.31	-2.45	-2.57		ppb
Silicon	28-1	0.24	2.84	2.41	1.83	76.31	ppb
Silver	109-1	0.21	0.21	0.22	0.22	2.35	ppb
Silver	107-1	0.21	0.22	0.24	0.22	6.41	ppb
Sodium	23-2	159.59	162.46	163.76	161.94	1.32	ppb
Strontium	86-1	0.30	0.32	0.30	0.31	3.06	ppb
Strontium	88-1	0.42	0.40	0.42	0.41	1.58	ppb
Sulfur	34-1	-384.43	255.13	-41.76	-57.02		ppb
Terbium	159-1				104		%
Terbium	159-2				96		%
Thallium	203-1	0.01	0.01	0.02	0.01	10.60	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	28.52	ppb
Tin	118-1	0.08	0.08	0.09	0.08	6.53	ppb
Titanium	47-1	0.07	0.04	0.11	0.08	48.60	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.12	0.13	0.12	0.12	7.62	ppb
Yttrium	89-1				101		%
Yttrium	89-2				93		%
Zinc	66-2	19.55	19.88	19.15	19.53	1.88	ppb
Zirconium	90-1	0.01	0.02	0.01	0.02	51.27	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-08	Instrumnet Name :	P7
Client Sample ID :	MJJ4N7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:37:52	DataFile Name :	037SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.02	0.02	21.94	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-01DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 12:41:20	DataFile Name :	038SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.39	1.88	47.83	16.70	161.51	ppb
Antimony	121-1	61.81	11.46	6.95	26.74	113.89	ppb
Arsenic	75-2	-0.01	-0.01	0.01	0.00		ppb
Barium	135-1	131.89	102.48	20.33	84.90	68.11	ppb
Barium	137-1	64.41	106.21	32.22	67.61	54.87	ppb
Beryllium	9-1	1.05	0.59	0.53	0.72	39.67	ppb
Bismuth	209-1				0		%
Bismuth	209-2				398		%
Boron	10-1	33.86	29.22	32.38	31.82	7.45	ppb
Boron	11-1	32.08	28.51	24.60	28.40	13.18	ppb
Cadmium	111-1	15.87	6.09	-0.50	7.15	115.14	ppb
Cadmium	106-1	-13.10	25.03	-13.10	-0.39		ppb
Cadmium	108-1	-0.04	-0.04	-0.04	-0.04		ppb
Calcium	43-1	18049.13	32633.09	7847.50	19509.91	63.85	ppb
Calcium	44-1	246329.34	152998.29	44747.83	148025.15	68.15	ppb
Chromium	52-2	-0.34	-0.33	-0.29	-0.32		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.23	-0.17	0.00	-0.14		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				0		%
Holmium	165-2				405		%
Indium	115-1				0		%
Indium	115-2				397		%
Iron	56-2	-1.19	-1.28	0.45	-0.67		ppb
Iron	57-2	-4.35	-3.51	-2.22	-3.36		ppb
Lead	206-1	22.43	26.05	12.89	20.46	33.21	ppb
Lead	207-1	22.78	18.25	11.47	17.50	32.51	ppb
Lead	208-1	22.34	22.49	12.80	19.21	28.91	ppb
Lithium	6-1				3		%
Magnesium	24-2	-0.29	0.56	70.98	23.75	172.23	ppb
Manganese	55-2	-0.03	-0.02	0.00	-0.02		ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-01DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 12:41:20	DataFile Name :	038SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	14.26	5.97	11.11	10.45	40.03	ppb
Molybdenum	95-1	44.42	5.59	2.30	17.44	134.35	ppb
Molybdenum	96-1	76.35	13.10	8.08	32.51	117.04	ppb
Molybdenum	97-1	241.83	22.41	3.68	89.31	148.28	ppb
Molybdenum	98-1	10.86	3.42	2.11	5.46	86.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	-0.11	-0.06	-0.09		ppb
Phosphorus	31-2	-32.22	-28.89	-27.86	-29.66		ppb
Potassium	39-2	-247.47	-220.86	-188.54	-218.95		ppb
Rhodium	103-1				0		%
Rhodium	103-2				409		%
Scandium	45-1				0		%
Scandium	45-2				387		%
Selenium	77-2	0.00	0.34	0.00	0.11	173.21	ppb
Selenium	78-2	-3.70	-3.42	-3.13	-3.42		ppb
Selenium	82-1	-2629.96	-750.37	-140.99	-1173.77		ppb
Silicon	28-1	113406.52	64800.70	20744.26	66317.16	69.89	ppb
Silver	109-1	167.99	55.08	14.47	79.18	100.47	ppb
Silver	107-1	218.62	67.13	14.60	100.12	105.81	ppb
Sodium	23-2	-37.22	-26.16	222.41	53.01	276.94	ppb
Strontium	86-1	1304.95	411.08	78.71	598.25	106.01	ppb
Strontium	88-1	52.87	133.90	25.86	70.87	79.33	ppb
Sulfur	34-1	19642066.85	11168226.76	3166879.35	11325724.32	72.74	ppb
Terbium	159-1				0		%
Terbium	159-2				402		%
Thallium	203-1	1.91	0.79	0.88	1.19	52.25	ppb
Thallium	205-1	0.79	1.16	0.73	0.90	26.09	ppb
Tin	118-1	118.53	27.90	28.07	58.17	89.87	ppb
Titanium	47-1	76.66	58.28	29.45	54.79	43.43	ppb
Uranium	238-1	1.34	0.23	0.25	0.61	104.94	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	511.34	ppb
Yttrium	89-1				0		%
Yttrium	89-2				389		%
Zinc	66-2	-0.35	-0.34	-0.17	-0.29		ppb
Zirconium	90-1	2.47	9.44	19.66	10.52	82.19	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-01DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 12:41:20	DataFile Name :	038SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	11.27	14.22	16.12	13.87	17.64	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-02DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1D	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 12:44:47	DataFile Name :	039SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.60	37.69	36.19	37.82	4.52	ppb
Antimony	121-1	0.03	0.05	0.03	0.04	19.64	ppb
Arsenic	75-2	0.63	0.73	0.75	0.70	9.27	ppb
Barium	135-1	3.47	3.67	3.59	3.58	2.89	ppb
Barium	137-1	3.39	3.53	3.50	3.47	2.09	ppb
Beryllium	9-1	0.03	0.01	-0.01	0.01	192.45	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Boron	10-1	17.95	18.69	19.28	18.64	3.58	ppb
Boron	11-1	17.79	18.40	17.84	18.01	1.89	ppb
Cadmium	111-1	0.13	0.06	0.02	0.07	74.47	ppb
Cadmium	106-1	1.71	0.74	0.25	0.90	82.72	ppb
Cadmium	108-1	0.09	-0.04	-0.01	0.01	561.41	ppb
Calcium	43-1	5024.38	4930.83	4946.22	4967.15	1.01	ppb
Calcium	44-1	5114.42	5147.03	5080.86	5114.10	0.65	ppb
Chromium	52-2	0.09	0.00	0.08	0.06	90.10	ppb
Cobalt	59-2	0.02	0.01	0.00	0.01	148.55	ppb
Copper	63-2	0.75	0.68	0.64	0.69	8.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				94		%
Indium	115-1				98		%
Indium	115-2				92		%
Iron	56-2	1.89	2.03	1.75	1.89	7.50	ppb
Iron	57-2	7.30	7.39	6.87	7.19	3.89	ppb
Lead	206-1	0.04	0.05	0.06	0.05	17.52	ppb
Lead	207-1	0.07	0.07	0.08	0.07	6.60	ppb
Lead	208-1	0.06	0.06	0.07	0.06	5.65	ppb
Lithium	6-1				93		%
Magnesium	24-2	3337.62	3236.69	3172.94	3249.08	2.56	ppb
Manganese	55-2	1.32	1.24	1.21	1.26	4.24	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-02DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1D	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 12:44:47	DataFile Name :	039SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.16	0.17	0.16	0.16	2.93	ppb
Molybdenum	95-1	0.53	0.46	0.58	0.52	10.83	ppb
Molybdenum	96-1	0.47	0.45	0.38	0.44	10.87	ppb
Molybdenum	97-1	0.63	0.49	0.61	0.58	13.39	ppb
Molybdenum	98-1	0.52	0.50	0.56	0.52	6.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.12	0.09	0.10	24.62	ppb
Phosphorus	31-2	5.80	20.12	-0.35	8.52	123.29	ppb
Potassium	39-2	948.51	901.36	889.53	913.13	3.42	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.22	-0.16	-0.87	-0.27		ppb
Selenium	82-1	-1.75	-1.74	-1.37	-1.62		ppb
Silicon	28-1	592.54	590.51	588.88	590.64	0.31	ppb
Silver	109-1	0.08	0.05	0.04	0.06	32.22	ppb
Silver	107-1	0.05	0.06	0.06	0.06	10.84	ppb
Sodium	23-2	11662.83	11332.70	11269.55	11421.69	1.85	ppb
Strontium	86-1	57.44	56.98	57.80	57.41	0.72	ppb
Strontium	88-1	57.03	57.57	57.71	57.44	0.62	ppb
Sulfur	34-1	7461.92	7423.65	7183.77	7356.45	2.05	ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	0.00	0.00	0.00	0.00	286.70	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.00	0.04	0.01	0.02	135.42	ppb
Titanium	47-1	-0.03	0.03	0.11	0.04	197.94	ppb
Uranium	238-1	0.48	0.44	0.45	0.45	4.33	ppb
Vanadium	51-2	0.27	0.31	0.27	0.28	9.54	ppb
Yttrium	89-1				96		%
Yttrium	89-2				91		%
Zinc	66-2	1.36	1.17	1.13	1.22	10.00	ppb
Zirconium	90-1	0.02	0.01	0.00	0.01	53.07	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-02DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1D	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 12:44:47	DataFile Name :	039SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.02	0.00	0.02	74.41	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1L	Dilution Factor :	100
Date & Time Acquired ::	2017-10-17 12:48:15	DataFile Name :	040SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.82	1.87	2.37	2.69	37.76	ppb
Antimony	121-1	0.03	0.02	0.02	0.02	27.38	ppb
Arsenic	75-2	0.15	0.16	0.18	0.16	9.82	ppb
Barium	135-1	0.69	0.54	0.62	0.61	12.24	ppb
Barium	137-1	0.56	0.66	0.71	0.64	11.57	ppb
Beryllium	9-1	-0.03	0.03	-0.01	0.00		ppb
Bismuth	209-1				98		%
Bismuth	209-2				92		%
Boron	10-1	5.14	4.13	5.12	4.79	12.08	ppb
Boron	11-1	4.30	4.29	4.25	4.28	0.71	ppb
Cadmium	111-1	0.00	0.07	0.04	0.04	101.23	ppb
Cadmium	106-1	-0.03	0.93	0.49	0.47	103.03	ppb
Cadmium	108-1	-0.01	0.09	-0.01	0.02	248.36	ppb
Calcium	43-1	966.47	946.38	954.52	955.79	1.06	ppb
Calcium	44-1	1001.48	1014.17	998.15	1004.60	0.84	ppb
Chromium	52-2	0.00	0.01	0.02	0.01	148.24	ppb
Cobalt	59-2	0.00	0.00	0.01	0.01	91.63	ppb
Copper	63-2	0.48	0.52	0.54	0.51	5.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				93		%
Indium	115-1				98		%
Indium	115-2				91		%
Iron	56-2	1.17	1.18	0.74	1.03	24.62	ppb
Iron	57-2	0.90	3.09	-0.77	1.08	179.82	ppb
Lead	206-1	0.07	0.04	0.04	0.05	27.53	ppb
Lead	207-1	0.05	0.02	0.04	0.04	33.40	ppb
Lead	208-1	0.05	0.04	0.04	0.04	8.48	ppb
Lithium	6-1				93		%
Magnesium	24-2	607.18	607.40	603.75	606.11	0.34	ppb
Manganese	55-2	0.27	0.30	0.20	0.25	19.92	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1L	Dilution Factor :	100
Date & Time Acquired ::	2017-10-17 12:48:15	DataFile Name :	040SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.05	0.04	0.04	24.62	ppb
Molybdenum	95-1	0.11	0.11	0.11	0.11	2.71	ppb
Molybdenum	96-1	0.10	0.05	0.10	0.08	32.20	ppb
Molybdenum	97-1	0.13	0.13	0.11	0.12	10.61	ppb
Molybdenum	98-1	0.11	0.12	0.08	0.10	17.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.01	0.01	34.17	ppb
Phosphorus	31-2	28.42	0.59	-3.58	8.47	205.31	ppb
Potassium	39-2	199.65	195.16	198.17	197.66	1.16	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	77-2	0.00	0.00	1.23	0.41	173.21	ppb
Selenium	78-2	-0.66	0.88	0.13	0.12	668.18	ppb
Selenium	82-1	-2.87	-2.41	-1.75	-2.34		ppb
Silicon	28-1	113.46	111.09	111.21	111.92	1.19	ppb
Silver	109-1	0.03	0.04	0.04	0.03	13.44	ppb
Silver	107-1	0.04	0.06	0.04	0.05	20.07	ppb
Sodium	23-2	2203.66	2181.18	2197.02	2193.95	0.53	ppb
Strontium	86-1	11.11	11.07	11.29	11.16	1.03	ppb
Strontium	88-1	10.99	10.85	10.91	10.92	0.66	ppb
Sulfur	34-1	3531.00	3232.14	3071.92	3278.35	7.11	ppb
Terbium	159-1				98		%
Terbium	159-2				92		%
Thallium	203-1	0.00	0.00	0.01	0.00	18.91	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	73.67	ppb
Tin	118-1	0.01	-0.01	0.00	0.00		ppb
Titanium	47-1	-0.12	0.07	0.00	-0.02		ppb
Uranium	238-1	0.09	0.07	0.09	0.08	9.73	ppb
Vanadium	51-2	0.05	0.05	0.06	0.05	17.16	ppb
Yttrium	89-1				96		%
Yttrium	89-2				90		%
Zinc	66-2	0.60	0.37	0.31	0.43	35.22	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	42.28	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1L	Dilution Factor :	100
Date & Time Acquired ::	2017-10-17 12:48:15	DataFile Name :	040SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.00	0.02	0.01	130.28	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-03DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1S	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 12:51:43	DataFile Name :	041SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98.62	104.69	107.11	103.47	4.22	ppb
Antimony	121-1	5.27	5.19	5.17	5.21	1.01	ppb
Arsenic	75-2	3.07	2.94	2.88	2.96	3.40	ppb
Barium	135-1	109.27	110.29	106.18	108.58	1.97	ppb
Barium	137-1	105.53	106.53	107.29	106.45	0.83	ppb
Beryllium	9-1	2.50	2.72	2.73	2.65	4.88	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Boron	10-1	17.29	18.69	17.29	17.75	4.55	ppb
Boron	11-1	17.20	18.67	18.07	17.98	4.13	ppb
Cadmium	111-1	2.61	2.61	2.53	2.59	1.77	ppb
Cadmium	106-1	2.41	3.22	2.05	2.56	23.39	ppb
Cadmium	108-1	2.16	2.34	2.55	2.35	8.09	ppb
Calcium	43-1	5157.56	5079.71	5062.28	5099.85	0.99	ppb
Calcium	44-1	5283.09	5139.31	5240.08	5220.83	1.41	ppb
Chromium	52-2	11.55	10.96	11.12	11.21	2.72	ppb
Cobalt	59-2	28.76	29.51	29.00	29.09	1.32	ppb
Copper	63-2	15.56	15.75	15.54	15.62	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				94		%
Indium	115-1				97		%
Indium	115-2				92		%
Iron	56-2	60.79	60.89	59.28	60.32	1.49	ppb
Iron	57-2	59.12	59.06	58.77	58.98	0.32	ppb
Lead	206-1	1.07	1.09	1.13	1.10	2.63	ppb
Lead	207-1	1.12	1.15	1.12	1.13	1.75	ppb
Lead	208-1	1.09	1.10	1.09	1.09	0.89	ppb
Lithium	6-1				94		%
Magnesium	24-2	3238.19	3256.61	3211.86	3235.55	0.70	ppb
Manganese	55-2	28.59	28.78	28.55	28.64	0.44	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-03DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1S	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 12:51:43	DataFile Name :	041SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.15	0.14	0.20	0.17	19.24	ppb
Molybdenum	95-1	0.49	0.56	0.60	0.55	10.64	ppb
Molybdenum	96-1	0.45	0.41	0.46	0.44	6.35	ppb
Molybdenum	97-1	0.56	0.53	0.48	0.53	7.50	ppb
Molybdenum	98-1	0.50	0.50	0.51	0.50	1.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.33	29.97	29.41	29.57	1.18	ppb
Phosphorus	31-2	26.37	6.66	13.86	15.63	63.82	ppb
Potassium	39-2	920.46	931.73	923.09	925.09	0.64	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	77-2	5.53	7.91	5.47	6.30	22.14	ppb
Selenium	78-2	4.59	3.38	5.21	4.39	21.13	ppb
Selenium	82-1	2.88	3.50	3.02	3.13	10.48	ppb
Silicon	28-1	619.89	602.82	602.42	608.38	1.64	ppb
Silver	109-1	0.65	0.64	0.71	0.66	5.53	ppb
Silver	107-1	0.63	0.71	0.65	0.67	6.35	ppb
Sodium	23-2	11360.51	11524.26	11322.70	11402.49	0.94	ppb
Strontium	86-1	56.81	57.48	58.27	57.52	1.28	ppb
Strontium	88-1	57.65	57.60	58.50	57.92	0.87	ppb
Sulfur	34-1	8371.72	7828.55	8023.56	8074.61	3.41	ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	2.46	2.64	2.60	2.56	3.73	ppb
Thallium	205-1	2.64	2.60	2.55	2.60	1.75	ppb
Tin	118-1	0.01	0.00	0.00	0.00	730.16	ppb
Titanium	47-1	0.08	-0.02	0.06	0.04	122.23	ppb
Uranium	238-1	0.48	0.47	0.46	0.47	2.35	ppb
Vanadium	51-2	27.69	28.05	27.75	27.83	0.70	ppb
Yttrium	89-1				96		%
Yttrium	89-2				91		%
Zinc	66-2	31.37	29.74	29.48	30.20	3.38	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	6.31	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-03DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1S	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 12:51:43	DataFile Name :	041SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.01	0.00	0.00	354.39	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-01DL2X20	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 12:55:11	DataFile Name :	042SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.30	0.55	-0.08	0.26	122.47	ppb
Antimony	121-1	0.05	0.02	0.05	0.04	31.79	ppb
Arsenic	75-2	0.65	0.65	0.67	0.65	1.99	ppb
Barium	135-1	3.35	3.31	3.34	3.34	0.65	ppb
Barium	137-1	3.45	3.18	3.45	3.36	4.69	ppb
Beryllium	9-1	-0.01	0.00	0.03	0.01	212.93	ppb
Bismuth	209-1				98		%
Bismuth	209-2				91		%
Boron	10-1	16.13	18.04	17.31	17.16	5.60	ppb
Boron	11-1	17.96	18.19	18.06	18.07	0.62	ppb
Cadmium	111-1	-0.01	-0.01	0.00	0.00		ppb
Cadmium	106-1	-0.09	0.06	-0.01	-0.01		ppb
Cadmium	108-1	0.02	0.18	-0.01	0.06	159.31	ppb
Calcium	43-1	5059.08	5012.61	5021.55	5031.08	0.49	ppb
Calcium	44-1	5209.81	5092.40	5155.64	5152.62	1.14	ppb
Chromium	52-2	0.07	0.05	0.08	0.06	18.84	ppb
Cobalt	59-2	0.01	-0.01	0.00	0.00	9554.58	ppb
Copper	63-2	0.42	0.49	0.47	0.46	7.36	ppb
Dysprosium	156-1						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				98		%
Indium	115-2				92		%
Iron	56-2	1.12	1.34	1.23	1.23	8.86	ppb
Iron	57-2	5.65	6.81	3.31	5.26	33.89	ppb
Lead	206-1	0.06	0.08	0.08	0.07	17.30	ppb
Lead	207-1	0.06	0.09	0.07	0.07	21.85	ppb
Lead	208-1	0.06	0.08	0.07	0.07	16.87	ppb
Lithium	6-1				95		%
Magnesium	24-2	3189.47	3170.78	3208.68	3189.64	0.59	ppb
Manganese	55-2	1.10	1.06	1.15	1.10	4.23	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-01DL2X20	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 12:55:11	DataFile Name :	042SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.19	0.14	0.16	0.16	13.42	ppb
Molybdenum	95-1	0.51	0.46	0.51	0.50	5.66	ppb
Molybdenum	96-1	0.42	0.41	0.41	0.41	2.07	ppb
Molybdenum	97-1	0.56	0.50	0.54	0.53	5.14	ppb
Molybdenum	98-1	0.51	0.50	0.58	0.53	8.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.11	0.05	0.07	46.42	ppb
Phosphorus	31-2	12.33	12.07	16.97	13.79	19.99	ppb
Potassium	39-2	895.05	888.29	916.57	899.97	1.64	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	77-2	0.00	0.00	0.62	0.21	173.21	ppb
Selenium	78-2	-1.00	-1.06	0.47	-0.53		ppb
Selenium	82-1	-1.83	-1.67	-1.27	-1.59		ppb
Silicon	28-1	597.99	596.13	599.75	597.96	0.30	ppb
Silver	109-1	0.04	0.04	0.03	0.04	10.54	ppb
Silver	107-1	0.05	0.04	0.05	0.05	10.19	ppb
Sodium	23-2	11262.89	11167.79	11407.77	11279.48	1.07	ppb
Strontium	86-1	57.54	57.33	57.90	57.59	0.50	ppb
Strontium	88-1	57.55	57.26	58.05	57.62	0.69	ppb
Sulfur	34-1	8531.32	7912.35	8240.83	8228.16	3.76	ppb
Terbium	159-1				99		%
Terbium	159-2				93		%
Thallium	203-1	0.01	0.00	0.01	0.00	42.21	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	31.57	ppb
Tin	118-1	0.02	0.08	0.03	0.04	80.19	ppb
Titanium	47-1	0.05	0.06	0.03	0.05	34.05	ppb
Uranium	238-1	0.43	0.44	0.44	0.44	1.23	ppb
Vanadium	51-2	0.27	0.29	0.24	0.27	10.33	ppb
Yttrium	89-1				95		%
Yttrium	89-2				90		%
Zinc	66-2	0.78	0.85	0.91	0.85	7.38	ppb
Zirconium	90-1	0.01	0.02	0.01	0.02	40.94	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-01DL2X20	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 12:55:11	DataFile Name :	042SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.01	0.02	35.13	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-04DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0AZ2	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 12:58:39	DataFile Name :	043SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.08	13.89	13.22	12.73	11.52	ppb
Antimony	121-1	0.04	0.06	0.03	0.05	27.27	ppb
Arsenic	75-2	0.57	0.55	0.53	0.55	2.97	ppb
Barium	135-1	3.33	3.26	3.19	3.26	2.10	ppb
Barium	137-1	3.39	3.12	3.31	3.27	4.26	ppb
Beryllium	9-1	-0.01	-0.01	-0.02	-0.01		ppb
Bismuth	209-1				99		%
Bismuth	209-2				91		%
Boron	10-1	15.91	14.87	17.66	16.14	8.72	ppb
Boron	11-1	15.33	15.96	16.21	15.83	2.86	ppb
Cadmium	111-1	0.12	0.00	0.07	0.07	88.69	ppb
Cadmium	106-1	1.49	0.13	0.88	0.83	81.97	ppb
Cadmium	108-1	0.02	0.12	0.05	0.06	74.99	ppb
Calcium	43-1	4529.85	4411.73	4492.81	4478.13	1.35	ppb
Calcium	44-1	4615.36	4577.40	4630.50	4607.75	0.59	ppb
Chromium	52-2	0.05	0.11	0.10	0.09	34.53	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	31.85	ppb
Copper	63-2	0.65	0.65	0.64	0.65	1.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				93		%
Indium	115-1				98		%
Indium	115-2				91		%
Iron	56-2	1.73	1.55	1.72	1.67	6.01	ppb
Iron	57-2	5.78	9.57	6.67	7.34	26.97	ppb
Lead	206-1	0.08	0.09	0.08	0.09	7.30	ppb
Lead	207-1	0.10	0.12	0.10	0.11	12.63	ppb
Lead	208-1	0.09	0.09	0.09	0.09	1.31	ppb
Lithium	6-1				96		%
Magnesium	24-2	2749.56	2768.71	2751.18	2756.48	0.39	ppb
Manganese	55-2	0.99	1.00	1.07	1.02	4.47	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-04DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0AZ2	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 12:58:39	DataFile Name :	043SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.16	0.16	0.15	0.15	2.07	ppb
Molybdenum	95-1	0.39	0.45	0.38	0.41	9.71	ppb
Molybdenum	96-1	0.40	0.38	0.37	0.38	3.86	ppb
Molybdenum	97-1	0.45	0.47	0.48	0.47	4.07	ppb
Molybdenum	98-1	0.41	0.43	0.43	0.42	2.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.14	0.14	0.04	0.11	52.37	ppb
Phosphorus	31-2	7.42	32.61	-1.33	12.90	136.57	ppb
Potassium	39-2	887.65	880.61	874.43	880.90	0.75	ppb
Rhodium	103-1				97		%
Rhodium	103-2				92		%
Scandium	45-1				94		%
Scandium	45-2				90		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.51	0.13	-0.03	-0.14		ppb
Selenium	82-1	-0.98	-2.13	-2.00	-1.70		ppb
Silicon	28-1	534.97	527.04	538.40	533.47	1.09	ppb
Silver	109-1	0.03	0.03	0.03	0.03	5.66	ppb
Silver	107-1	0.03	0.04	0.04	0.04	10.08	ppb
Sodium	23-2	10230.15	10178.91	10247.17	10218.74	0.35	ppb
Strontium	86-1	48.12	46.27	47.48	47.29	1.99	ppb
Strontium	88-1	47.21	47.19	46.88	47.09	0.39	ppb
Sulfur	34-1	7084.08	6727.10	7056.42	6955.87	2.86	ppb
Terbium	159-1				99		%
Terbium	159-2				92		%
Thallium	203-1	0.01	0.00	-0.01	0.00	7596.03	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	108.10	ppb
Tin	118-1	0.04	0.01	0.05	0.03	51.17	ppb
Titanium	47-1	-0.02	0.05	0.00	0.01	276.50	ppb
Uranium	238-1	0.37	0.35	0.35	0.36	3.62	ppb
Vanadium	51-2	0.22	0.23	0.23	0.23	1.79	ppb
Yttrium	89-1				96		%
Yttrium	89-2				90		%
Zinc	66-2	3.11	2.67	3.11	2.96	8.59	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	37.14	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-04DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0AZ2	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 12:58:39	DataFile Name :	043SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.01	0.02	60.47	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 13:02:06	DataFile Name :	044CCV_P7101717-MS_

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48340.40	48881.14	49098.93	48773.49	0.80	ppb
Antimony	121-1	495.32	501.64	501.44	499.47	0.72	ppb
Arsenic	75-2	517.08	513.03	515.24	515.12	0.39	ppb
Barium	135-1	2522.69	2515.69	2519.19	2519.19	0.14	ppb
Barium	137-1	2577.35	2591.12	2556.54	2575.00	0.68	ppb
Beryllium	9-1	517.43	513.52	508.26	513.07	0.90	ppb
Bismuth	209-1				90		%
Bismuth	209-2				88		%
Boron	10-1	499.90	512.17	515.29	509.12	1.60	ppb
Boron	11-1	502.54	511.08	501.88	505.17	1.02	ppb
Cadmium	111-1	505.96	502.25	503.64	503.95	0.37	ppb
Cadmium	106-1	519.15	512.62	510.21	513.99	0.90	ppb
Cadmium	108-1	506.97	506.64	519.09	510.90	1.39	ppb
Calcium	43-1	238473.83	235145.22	232821.71	235480.25	1.21	ppb
Calcium	44-1	234496.70	234390.37	232737.18	233874.75	0.42	ppb
Chromium	52-2	510.73	515.41	514.12	513.42	0.47	ppb
Cobalt	59-2	500.69	502.80	500.87	501.45	0.23	ppb
Copper	63-2	976.46	995.85	978.46	983.59	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				95		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	56-2	124185.48	125050.69	125161.56	124799.25	0.43	ppb
Iron	57-2	124422.59	124297.07	123494.42	124071.36	0.41	ppb
Lead	206-1	505.06	514.36	509.68	509.70	0.91	ppb
Lead	207-1	501.29	514.40	504.85	506.85	1.34	ppb
Lead	208-1	496.30	504.06	496.83	499.06	0.87	ppb
Lithium	6-1				96		%
Magnesium	24-2	251911.55	255247.39	252600.22	253253.05	0.70	ppb
Manganese	55-2	997.10	1010.97	1010.33	1006.13	0.78	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 13:02:06	DataFile Name :	044CCV_P7101717-MS_

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	494.27	500.57	506.33	500.39	1.21	ppb
Molybdenum	95-1	498.61	504.11	511.61	504.78	1.29	ppb
Molybdenum	96-1	504.44	502.56	514.24	507.08	1.24	ppb
Molybdenum	97-1	503.51	507.46	510.01	506.99	0.65	ppb
Molybdenum	98-1	489.27	491.18	503.77	494.74	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.17	506.00	501.66	504.28	0.46	ppb
Phosphorus	31-2	10242.34	10122.33	10232.59	10199.09	0.65	ppb
Potassium	39-2	124813.17	125529.24	125023.18	125121.86	0.29	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				95		%
Scandium	45-2				98		%
Selenium	77-2	520.11	510.98	532.21	521.10	2.04	ppb
Selenium	78-2	520.99	516.62	522.79	520.13	0.61	ppb
Selenium	82-1	500.21	495.84	505.27	500.44	0.94	ppb
Silicon	28-1	614.86	612.16	613.43	613.48	0.22	ppb
Silver	109-1	485.87	485.73	486.53	486.04	0.09	ppb
Silver	107-1	489.02	493.37	491.75	491.38	0.45	ppb
Sodium	23-2	251833.44	253427.42	254756.13	253338.99	0.58	ppb
Strontium	86-1	515.24	511.61	528.31	518.39	1.69	ppb
Strontium	88-1	521.91	517.14	535.86	524.97	1.85	ppb
Sulfur	34-1	13891.15	13343.16	13477.93	13570.75	2.10	ppb
Terbium	159-1				96		%
Terbium	159-2				94		%
Thallium	203-1	498.44	504.25	497.45	500.05	0.74	ppb
Thallium	205-1	503.51	516.93	507.76	509.40	1.35	ppb
Tin	118-1	497.54	499.10	497.55	498.06	0.18	ppb
Titanium	47-1	507.05	498.63	502.16	502.61	0.84	ppb
Uranium	238-1	514.46	518.59	516.16	516.40	0.40	ppb
Vanadium	51-2	508.89	508.21	509.58	508.89	0.14	ppb
Yttrium	89-1				96		%
Yttrium	89-2				94		%
Zinc	66-2	990.21	1006.74	999.65	998.87	0.83	ppb
Zirconium	90-1	506.03	505.60	522.99	511.54	1.94	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 13:02:06	DataFile Name :	044CCV_P7101717-MS_

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	501.67	503.12	518.00	507.60	1.78	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 13:05:32	DataFile Name :	045CCBE_P7101717-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.27	1.12	1.62	1.00	67.97	ppb
Antimony	121-1	1.44	1.24	1.30	1.33	7.44	ppb
Arsenic	75-2	0.09	0.10	0.11	0.10	10.56	ppb
Barium	135-1	-0.01	-0.01	0.01	-0.01		ppb
Barium	137-1	0.01	0.03	0.05	0.03	56.33	ppb
Beryllium	9-1	0.07	0.05	0.02	0.05	45.80	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	10-1	8.31	7.69	6.93	7.64	9.05	ppb
Boron	11-1	7.67	7.02	6.36	7.01	9.35	ppb
Cadmium	111-1	0.13	0.03	0.12	0.09	57.90	ppb
Cadmium	106-1	1.75	0.24	1.56	1.19	69.37	ppb
Cadmium	108-1	0.15	-0.01	0.09	0.08	105.50	ppb
Calcium	43-1	9.25	18.17	9.99	12.47	39.69	ppb
Calcium	44-1	50.27	54.83	47.98	51.03	6.83	ppb
Chromium	52-2	0.02	0.00	0.03	0.02	111.18	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	100.75	ppb
Copper	63-2	0.30	0.31	0.34	0.32	5.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				94		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	2.65	2.79	2.85	2.77	3.67	ppb
Iron	57-2	2.42	2.93	3.59	2.98	19.70	ppb
Lead	206-1	0.06	0.08	0.07	0.07	14.44	ppb
Lead	207-1	0.07	0.09	0.06	0.07	27.30	ppb
Lead	208-1	0.07	0.08	0.06	0.07	9.15	ppb
Lithium	6-1				97		%
Magnesium	24-2	3.82	3.41	4.65	3.96	15.93	ppb
Manganese	55-2	0.04	0.01	0.03	0.02	55.56	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 13:05:32	DataFile Name :	045CCBE_P7101717-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.20	0.18	0.17	0.18	9.48	ppb
Molybdenum	95-1	0.34	0.27	0.23	0.28	18.68	ppb
Molybdenum	96-1	0.28	0.22	0.20	0.24	18.05	ppb
Molybdenum	97-1	0.29	0.27	0.29	0.28	3.27	ppb
Molybdenum	98-1	0.29	0.27	0.26	0.27	6.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.02	0.00	0.00		ppb
Phosphorus	31-2	-4.43	-8.75	8.31	-1.62		ppb
Potassium	39-2	36.14	32.07	39.01	35.74	9.76	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	77-2	0.00	0.00	1.74	0.58	173.21	ppb
Selenium	78-2	-0.06	-0.91	0.48	-0.16		ppb
Selenium	82-1	-1.77	-1.87	-1.80	-1.81		ppb
Silicon	28-1	3.51	2.88	1.82	2.73	31.24	ppb
Silver	109-1	0.04	0.05	0.03	0.04	24.60	ppb
Silver	107-1	0.04	0.03	0.02	0.03	26.70	ppb
Sodium	23-2	103.65	93.46	98.82	98.65	5.17	ppb
Strontium	86-1	-0.03	0.03	0.03	0.01	465.29	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	23.10	ppb
Sulfur	34-1	1638.22	1397.24	1193.32	1409.59	15.80	ppb
Terbium	159-1				96		%
Terbium	159-2				94		%
Thallium	203-1	0.08	0.08	0.07	0.08	10.40	ppb
Thallium	205-1	0.10	0.08	0.07	0.08	15.06	ppb
Tin	118-1	0.33	0.28	0.24	0.28	16.19	ppb
Titanium	47-1	-0.06	-0.05	0.00	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	64.48	ppb
Vanadium	51-2	0.00	0.01	0.00	0.01	100.11	ppb
Yttrium	89-1				95		%
Yttrium	89-2				93		%
Zinc	66-2	0.15	0.14	0.24	0.18	29.96	ppb
Zirconium	90-1	0.13	0.13	0.11	0.12	11.60	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 13:05:32	DataFile Name :	045CCBE_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.12	0.10	0.11	0.11	9.40	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-01DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N2	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:09:01	DataFile Name :	046SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.65	2.25	3.96	2.62	45.73	ppb
Antimony	121-1	0.43	0.38	0.45	0.42	9.14	ppb
Arsenic	75-2	0.07	0.08	0.05	0.07	20.49	ppb
Barium	135-1	2.49	2.56	2.36	2.47	4.04	ppb
Barium	137-1	2.61	2.55	2.57	2.58	1.16	ppb
Beryllium	9-1	0.05	0.04	0.05	0.04	7.57	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Boron	10-1	4.70	4.66	2.80	4.05	26.75	ppb
Boron	11-1	4.29	3.83	3.40	3.84	11.52	ppb
Cadmium	111-1	0.14	0.00	0.04	0.06	113.90	ppb
Cadmium	106-1	0.61	-1.77	-0.90	-0.69		ppb
Cadmium	108-1	0.12	0.05	0.12	0.10	39.36	ppb
Calcium	43-1	754.63	708.96	767.61	743.73	4.14	ppb
Calcium	44-1	793.19	779.71	788.49	787.13	0.87	ppb
Chromium	52-2	0.04	0.02	0.06	0.04	56.81	ppb
Cobalt	59-2	0.07	0.07	0.07	0.07	1.43	ppb
Copper	63-2	0.35	0.35	0.30	0.33	7.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				94		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	19.15	19.54	19.61	19.43	1.28	ppb
Iron	57-2	19.55	20.67	18.20	19.47	6.33	ppb
Lead	206-1	0.42	0.44	0.46	0.44	4.19	ppb
Lead	207-1	0.40	0.45	0.44	0.43	6.11	ppb
Lead	208-1	0.40	0.43	0.42	0.41	3.70	ppb
Lithium	6-1				95		%
Magnesium	24-2	253.00	249.92	262.63	255.18	2.60	ppb
Manganese	55-2	18.71	18.45	18.66	18.61	0.73	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-01DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N2	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:09:01	DataFile Name :	046SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.08	0.09	0.08	10.99	ppb
Molybdenum	95-1	0.12	0.08	0.10	0.10	17.58	ppb
Molybdenum	96-1	0.06	0.06	0.09	0.07	22.92	ppb
Molybdenum	97-1	0.10	0.13	0.13	0.12	16.15	ppb
Molybdenum	98-1	0.10	0.07	0.11	0.09	24.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.14	0.11	0.05	0.10	50.29	ppb
Phosphorus	31-2	-6.47	14.24	-0.35	2.47	430.26	ppb
Potassium	39-2	131.98	137.55	137.61	135.71	2.38	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	77-2	0.60	0.00	0.00	0.20	173.21	ppb
Selenium	78-2	-0.18	0.10	0.60	0.17	228.99	ppb
Selenium	82-1	-1.58	-1.28	-1.29	-1.39		ppb
Silicon	28-1	545.44	537.89	556.39	546.57	1.70	ppb
Silver	109-1	0.03	0.02	0.02	0.03	17.06	ppb
Silver	107-1	0.03	0.04	0.03	0.04	12.13	ppb
Sodium	23-2	269.05	273.48	273.26	271.93	0.92	ppb
Strontium	86-1	3.97	3.84	4.26	4.03	5.35	ppb
Strontium	88-1	4.18	4.21	4.22	4.20	0.48	ppb
Sulfur	34-1	1526.95	1196.72	1672.74	1465.47	16.64	ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	0.04	0.04	0.04	0.04	4.02	ppb
Thallium	205-1	0.04	0.04	0.06	0.05	18.69	ppb
Tin	118-1	0.08	0.10	0.10	0.09	8.50	ppb
Titanium	47-1	0.03	0.07	0.03	0.04	60.73	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	22.45	ppb
Vanadium	51-2	0.02	0.02	0.02	0.02	10.95	ppb
Yttrium	89-1				96		%
Yttrium	89-2				93		%
Zinc	66-2	26.73	28.15	27.68	27.52	2.64	ppb
Zirconium	90-1	0.08	0.09	0.08	0.08	5.36	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-01DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N2	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:09:01	DataFile Name :	046SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.09	0.07	0.08	10.73	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-02DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N3	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:12:30	DataFile Name :	047SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.63	1.90	1.38	1.64	15.73	ppb
Antimony	121-1	0.22	0.24	0.23	0.23	3.78	ppb
Arsenic	75-2	0.03	0.01	0.03	0.02	64.35	ppb
Barium	135-1	2.64	2.47	2.65	2.59	3.93	ppb
Barium	137-1	2.69	2.30	2.42	2.47	8.01	ppb
Beryllium	9-1	0.02	0.01	0.04	0.02	56.70	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Boron	10-1	2.85	2.54	1.98	2.46	17.83	ppb
Boron	11-1	2.57	2.54	2.80	2.64	5.44	ppb
Cadmium	111-1	0.05	0.11	0.02	0.06	84.20	ppb
Cadmium	106-1	-0.89	0.03	-1.08	-0.65		ppb
Cadmium	108-1	0.05	0.08	0.09	0.07	25.38	ppb
Calcium	43-1	765.16	788.86	766.28	773.43	1.73	ppb
Calcium	44-1	823.46	817.56	820.17	820.40	0.36	ppb
Chromium	52-2	0.02	0.04	0.05	0.04	48.92	ppb
Cobalt	59-2	0.07	0.06	0.08	0.07	10.84	ppb
Copper	63-2	0.33	0.28	0.35	0.32	10.91	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				98		%
Holmium	165-2				93		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	17.68	18.03	18.46	18.06	2.17	ppb
Iron	57-2	16.40	18.88	17.56	17.61	7.06	ppb
Lead	206-1	0.41	0.42	0.45	0.43	5.20	ppb
Lead	207-1	0.44	0.41	0.45	0.43	4.89	ppb
Lead	208-1	0.41	0.41	0.45	0.42	5.36	ppb
Lithium	6-1				95		%
Magnesium	24-2	254.19	256.20	259.28	256.56	1.00	ppb
Manganese	55-2	18.98	19.01	19.63	19.21	1.90	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-02DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N3	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:12:30	DataFile Name :	047SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.05	0.06	0.05	18.69	ppb
Molybdenum	95-1	0.06	0.06	0.06	0.06	4.66	ppb
Molybdenum	96-1	0.05	0.10	0.04	0.06	54.07	ppb
Molybdenum	97-1	0.08	0.06	0.07	0.07	14.31	ppb
Molybdenum	98-1	0.06	0.05	0.05	0.05	9.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.19	0.15	0.09	0.14	35.88	ppb
Phosphorus	31-2	4.82	-8.39	-2.84	-2.14		ppb
Potassium	39-2	145.11	142.34	139.46	142.30	1.98	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.21	2.02	0.98	1.07	85.29	ppb
Selenium	82-1	-1.52	-1.18	-1.43	-1.38		ppb
Silicon	28-1	563.63	564.74	566.84	565.07	0.29	ppb
Silver	109-1	0.02	0.02	0.03	0.02	13.71	ppb
Silver	107-1	0.03	0.01	0.02	0.02	40.69	ppb
Sodium	23-2	269.25	268.93	265.68	267.96	0.74	ppb
Strontium	86-1	4.14	4.40	4.44	4.33	3.84	ppb
Strontium	88-1	4.29	4.23	4.29	4.27	0.74	ppb
Sulfur	34-1	984.31	1176.61	1012.20	1057.71	9.82	ppb
Terbium	159-1				99		%
Terbium	159-2				94		%
Thallium	203-1	0.03	0.03	0.02	0.02	13.81	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	12.19	ppb
Tin	118-1	0.05	0.06	0.02	0.04	48.10	ppb
Titanium	47-1	-0.01	0.02	0.12	0.05	153.89	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.02	0.01	57.16	ppb
Yttrium	89-1				97		%
Yttrium	89-2				93		%
Zinc	66-2	29.54	29.07	28.91	29.17	1.11	ppb
Zirconium	90-1	0.06	0.04	0.06	0.06	19.64	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-02DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N3	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:12:30	DataFile Name :	047SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.06	0.06	0.05	20.26	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-03DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:15:59	DataFile Name :	048SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.07	9.69	9.56	9.11	9.88	ppb
Antimony	121-1	0.13	0.12	0.16	0.14	16.47	ppb
Arsenic	75-2	0.04	0.04	0.06	0.05	27.25	ppb
Barium	135-1	1.33	1.27	1.26	1.29	2.92	ppb
Barium	137-1	1.33	1.54	1.29	1.39	9.37	ppb
Beryllium	9-1	0.03	0.00	0.03	0.02	90.97	ppb
Bismuth	209-1				96		%
Bismuth	209-2				91		%
Boron	10-1	1.73	1.61	1.58	1.64	4.90	ppb
Boron	11-1	1.73	1.80	1.94	1.83	5.80	ppb
Cadmium	111-1	-0.02	-0.01	-0.01	-0.01		ppb
Cadmium	106-1	-0.40	-0.49	-0.22	-0.37		ppb
Cadmium	108-1	0.02	0.05	0.09	0.05	59.65	ppb
Calcium	43-1	8994.28	8977.37	9176.07	9049.24	1.22	ppb
Calcium	44-1	9385.06	9248.51	9349.96	9327.84	0.76	ppb
Chromium	52-2	0.04	0.01	-0.01	0.01	199.15	ppb
Cobalt	59-2	0.01	0.03	0.02	0.02	46.76	ppb
Copper	63-2	0.27	0.24	0.22	0.25	9.97	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				96		%
Holmium	165-2				94		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	7.19	7.14	7.12	7.15	0.46	ppb
Iron	57-2	16.69	16.00	15.72	16.14	3.10	ppb
Lead	206-1	0.14	0.13	0.14	0.13	2.70	ppb
Lead	207-1	0.13	0.14	0.15	0.14	8.26	ppb
Lead	208-1	0.13	0.12	0.14	0.13	6.79	ppb
Lithium	6-1				93		%
Magnesium	24-2	1926.38	1922.28	1914.37	1921.01	0.32	ppb
Manganese	55-2	4.90	4.80	4.88	4.86	1.09	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-03DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:15:59	DataFile Name :	048SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.06	0.02	0.04	41.26	ppb
Molybdenum	95-1	0.05	0.05	0.06	0.05	17.27	ppb
Molybdenum	96-1	0.05	0.03	0.02	0.03	42.41	ppb
Molybdenum	97-1	0.04	0.05	0.06	0.05	17.23	ppb
Molybdenum	98-1	0.04	0.04	0.05	0.04	9.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.04	0.08	0.05	38.83	ppb
Phosphorus	31-2	-0.64	-8.37	-1.16	-3.39		ppb
Potassium	39-2	335.43	344.36	331.53	337.11	1.95	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	77-2	0.00	0.59	0.00	0.20	173.21	ppb
Selenium	78-2	-0.47	-0.02	-0.60	-0.36		ppb
Selenium	82-1	-1.02	-1.63	-1.59	-1.42		ppb
Silicon	28-1	337.59	327.64	339.40	334.88	1.89	ppb
Silver	109-1	0.03	0.01	0.02	0.02	40.85	ppb
Silver	107-1	0.02	0.03	0.02	0.02	13.38	ppb
Sodium	23-2	237.58	239.47	238.43	238.49	0.40	ppb
Strontium	86-1	18.78	18.54	18.26	18.53	1.41	ppb
Strontium	88-1	18.70	18.58	18.65	18.64	0.32	ppb
Sulfur	34-1	9572.98	9404.11	9569.50	9515.53	1.01	ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	0.02	0.02	0.03	0.02	19.99	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	23.93	ppb
Tin	118-1	0.05	0.05	0.04	0.05	14.38	ppb
Titanium	47-1	0.00	-0.05	0.03	-0.01		ppb
Uranium	238-1	0.03	0.03	0.03	0.03	3.23	ppb
Vanadium	51-2	0.01	0.02	0.00	0.01	61.51	ppb
Yttrium	89-1				97		%
Yttrium	89-2				93		%
Zinc	66-2	11.78	11.71	12.11	11.86	1.80	ppb
Zirconium	90-1	0.05	0.04	0.06	0.05	17.91	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-03DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:15:59	DataFile Name :	048SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.04	0.04	0.05	33.24	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-04DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4D	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:19:26	DataFile Name :	049SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.16	0.76	1.51	1.14	32.59	ppb
Antimony	121-1	0.08	0.11	0.10	0.10	11.89	ppb
Arsenic	75-2	0.03	0.03	0.02	0.03	26.03	ppb
Barium	135-1	1.34	1.34	1.40	1.36	2.24	ppb
Barium	137-1	1.45	1.40	1.42	1.42	1.97	ppb
Beryllium	9-1	0.00	0.01	0.02	0.01	127.75	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Boron	10-1	1.98	1.69	2.20	1.96	13.20	ppb
Boron	11-1	1.76	1.81	1.58	1.72	7.10	ppb
Cadmium	111-1	0.09	-0.07	-0.04	-0.01		ppb
Cadmium	106-1	1.01	-0.95	-0.51	-0.15		ppb
Cadmium	108-1	0.02	0.05	0.05	0.04	40.55	ppb
Calcium	43-1	9327.37	9099.42	9213.86	9213.55	1.24	ppb
Calcium	44-1	9464.32	9343.08	9412.22	9406.54	0.65	ppb
Chromium	52-2	0.02	0.01	0.03	0.02	47.64	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	3.55	ppb
Copper	63-2	0.26	0.24	0.31	0.27	12.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				93		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	6.62	6.99	7.17	6.93	4.04	ppb
Iron	57-2	17.99	15.13	14.29	15.80	12.28	ppb
Lead	206-1	0.11	0.12	0.16	0.13	18.53	ppb
Lead	207-1	0.12	0.13	0.13	0.13	5.96	ppb
Lead	208-1	0.11	0.13	0.14	0.13	9.24	ppb
Lithium	6-1				93		%
Magnesium	24-2	1966.93	1956.70	1989.14	1970.92	0.84	ppb
Manganese	55-2	4.73	4.89	5.09	4.90	3.71	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-04DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4D	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:19:26	DataFile Name :	049SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.02	0.03	0.03	33.17	ppb
Molybdenum	95-1	0.03	0.02	0.03	0.03	27.87	ppb
Molybdenum	96-1	0.00	0.03	0.03	0.02	67.58	ppb
Molybdenum	97-1	0.09	0.05	0.06	0.06	31.25	ppb
Molybdenum	98-1	0.04	0.02	0.02	0.03	32.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.04	0.06	0.05	27.38	ppb
Phosphorus	31-2	1.45	12.57	-14.27	-0.08		ppb
Potassium	39-2	343.60	343.43	340.27	342.43	0.55	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.31	0.43	-0.41	-0.10		ppb
Selenium	82-1	-0.55	-1.62	-0.99	-1.05		ppb
Silicon	28-1	340.12	335.46	338.17	337.91	0.69	ppb
Silver	109-1	0.01	0.02	0.02	0.02	31.69	ppb
Silver	107-1	0.02	0.02	0.01	0.02	41.62	ppb
Sodium	23-2	244.51	240.81	236.99	240.77	1.56	ppb
Strontium	86-1	18.78	19.37	19.46	19.20	1.90	ppb
Strontium	88-1	19.33	18.84	18.65	18.94	1.86	ppb
Sulfur	34-1	10528.74	10151.52	10279.46	10319.90	1.86	ppb
Terbium	159-1				98		%
Terbium	159-2				93		%
Thallium	203-1	0.01	0.01	0.01	0.01	25.67	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	24.28	ppb
Tin	118-1	0.00	0.04	0.04	0.03	73.13	ppb
Titanium	47-1	0.04	-0.07	-0.03	-0.02		ppb
Uranium	238-1	0.02	0.03	0.02	0.02	18.65	ppb
Vanadium	51-2	0.01	0.01	0.02	0.01	42.32	ppb
Yttrium	89-1				96		%
Yttrium	89-2				92		%
Zinc	66-2	2.29	2.38	2.50	2.39	4.34	ppb
Zirconium	90-1	0.05	0.05	0.04	0.04	9.19	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-04DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4D	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:19:26	DataFile Name :	049SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.03	0.06	0.04	46.87	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-03LDLX100	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4L	Dilution Factor :	100
Date & Time Acquired ::	2017-10-17 13:22:53	DataFile Name :	050SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.53	1.06	1.92	1.17	59.68	ppb
Antimony	121-1	0.06	0.06	0.07	0.06	4.91	ppb
Arsenic	75-2	0.04	0.03	0.03	0.03	11.95	ppb
Barium	135-1	0.29	0.32	0.29	0.30	6.08	ppb
Barium	137-1	0.24	0.27	0.27	0.26	6.29	ppb
Beryllium	9-1	0.01	-0.01	0.04	0.02	150.77	ppb
Bismuth	209-1				96		%
Bismuth	209-2				90		%
Boron	10-1	1.32	0.79	1.07	1.06	24.88	ppb
Boron	11-1	1.47	1.56	1.47	1.50	3.58	ppb
Cadmium	111-1	-0.04	-0.08	0.01	-0.03		ppb
Cadmium	106-1	-0.40	-1.05	0.11	-0.45		ppb
Cadmium	108-1	0.05	0.02	0.05	0.04	42.09	ppb
Calcium	43-1	1820.37	1788.81	1778.68	1795.95	1.21	ppb
Calcium	44-1	1840.81	1852.48	1878.10	1857.13	1.03	ppb
Chromium	52-2	-0.01	0.01	-0.01	0.00		ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00	429.61	ppb
Copper	63-2	0.25	0.19	0.19	0.21	17.67	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				96		%
Holmium	165-2				92		%
Indium	115-1				97		%
Indium	115-2				92		%
Iron	56-2	1.85	2.11	2.11	2.02	7.47	ppb
Iron	57-2	4.36	4.86	4.44	4.55	5.91	ppb
Lead	206-1	0.04	0.07	0.06	0.06	23.19	ppb
Lead	207-1	0.06	0.02	0.06	0.05	45.50	ppb
Lead	208-1	0.06	0.05	0.07	0.06	11.70	ppb
Lithium	6-1				92		%
Magnesium	24-2	373.88	391.06	392.56	385.83	2.69	ppb
Manganese	55-2	1.01	0.96	0.85	0.94	8.62	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-03LDLX100	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4L	Dilution Factor :	100
Date & Time Acquired ::	2017-10-17 13:22:53	DataFile Name :	050SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.01	0.03	0.02	40.89	ppb
Molybdenum	95-1	0.02	0.01	0.02	0.02	20.70	ppb
Molybdenum	96-1	0.03	0.02	0.00	0.02	97.43	ppb
Molybdenum	97-1	0.02	0.04	0.06	0.04	53.63	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	5.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	0.00	0.01	129.34	ppb
Phosphorus	31-2	13.34	5.97	-8.17	3.71	294.64	ppb
Potassium	39-2	90.10	106.64	92.54	96.43	9.26	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	77-2	0.00	0.00	0.59	0.20	173.21	ppb
Selenium	78-2	-0.43	-1.22	0.28	-0.46		ppb
Selenium	82-1	-2.10	-1.60	-2.30	-2.00		ppb
Silicon	28-1	65.62	64.69	66.68	65.66	1.52	ppb
Silver	109-1	0.02	0.01	0.02	0.01	16.64	ppb
Silver	107-1	0.02	0.03	0.02	0.02	13.11	ppb
Sodium	23-2	82.74	86.88	80.75	83.45	3.74	ppb
Strontium	86-1	3.63	3.69	3.48	3.60	2.91	ppb
Strontium	88-1	3.76	3.68	3.72	3.72	1.10	ppb
Sulfur	34-1	3696.87	3786.81	4032.97	3838.88	4.53	ppb
Terbium	159-1				98		%
Terbium	159-2				93		%
Thallium	203-1	0.02	0.02	0.02	0.02	8.49	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	39.18	ppb
Tin	118-1	0.03	0.02	0.02	0.02	35.68	ppb
Titanium	47-1	-0.01	0.06	0.03	0.02	145.20	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	11.90	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	70.73	ppb
Yttrium	89-1				96		%
Yttrium	89-2				92		%
Zinc	66-2	0.25	0.49	0.51	0.42	35.10	ppb
Zirconium	90-1	0.02	0.03	0.03	0.02	28.00	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-03LDLX100	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4L	Dilution Factor :	100
Date & Time Acquired ::	2017-10-17 13:22:53	DataFile Name :	050SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.05	0.03	41.79	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-05DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4S	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:26:21	DataFile Name :	051SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100.92	96.34	101.98	99.75	3.00	ppb
Antimony	121-1	5.44	5.12	5.29	5.28	3.04	ppb
Arsenic	75-2	2.21	2.09	2.08	2.13	3.39	ppb
Barium	135-1	108.35	104.09	103.67	105.37	2.46	ppb
Barium	137-1	105.19	102.38	102.75	103.44	1.48	ppb
Beryllium	9-1	2.66	2.58	2.62	2.62	1.46	ppb
Bismuth	209-1				97		%
Bismuth	209-2				91		%
Boron	10-1	0.93	1.60	0.67	1.07	45.02	ppb
Boron	11-1	1.35	1.40	1.20	1.32	7.91	ppb
Cadmium	111-1	2.93	2.43	2.60	2.65	9.55	ppb
Cadmium	106-1	3.74	1.39	2.96	2.70	44.30	ppb
Cadmium	108-1	2.10	2.18	2.08	2.12	2.49	ppb
Calcium	43-1	8873.44	9095.21	9006.88	8991.84	1.24	ppb
Calcium	44-1	9057.62	9098.82	9302.83	9153.09	1.43	ppb
Chromium	52-2	11.42	11.07	11.15	11.21	1.64	ppb
Cobalt	59-2	28.89	28.82	28.90	28.87	0.14	ppb
Copper	63-2	15.17	14.74	15.19	15.03	1.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				93		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	66.13	65.29	65.24	65.55	0.77	ppb
Iron	57-2	74.99	76.16	66.91	72.69	6.93	ppb
Lead	206-1	1.21	1.18	1.23	1.20	2.19	ppb
Lead	207-1	1.21	1.10	1.05	1.12	7.05	ppb
Lead	208-1	1.19	1.12	1.14	1.15	3.11	ppb
Lithium	6-1				94		%
Magnesium	24-2	1949.91	1943.01	1968.19	1953.70	0.67	ppb
Manganese	55-2	32.35	32.86	32.36	32.52	0.89	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-05DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4S	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:26:21	DataFile Name :	051SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.03	0.04	0.03	13.82	ppb
Molybdenum	95-1	0.01	0.02	0.03	0.02	41.32	ppb
Molybdenum	96-1	0.02	0.03	0.03	0.03	38.23	ppb
Molybdenum	97-1	0.03	0.05	0.05	0.04	21.46	ppb
Molybdenum	98-1	0.03	0.01	0.03	0.02	45.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.36	28.91	29.06	29.11	0.79	ppb
Phosphorus	31-2	9.63	-0.50	5.16	4.76	106.51	ppb
Potassium	39-2	341.41	331.00	331.41	334.61	1.76	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	77-2	2.42	2.99	6.54	3.99	56.02	ppb
Selenium	78-2	4.87	5.47	4.51	4.95	9.87	ppb
Selenium	82-1	3.39	3.43	3.03	3.28	6.78	ppb
Silicon	28-1	330.32	331.18	336.79	332.76	1.06	ppb
Silver	109-1	0.68	0.67	0.70	0.68	1.68	ppb
Silver	107-1	0.69	0.69	0.70	0.69	0.92	ppb
Sodium	23-2	237.05	234.31	230.70	234.02	1.36	ppb
Strontium	86-1	17.95	18.27	18.09	18.11	0.90	ppb
Strontium	88-1	18.52	18.48	18.40	18.47	0.33	ppb
Sulfur	34-1	10874.56	10573.44	11199.24	10882.41	2.88	ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	2.58	2.51	2.41	2.50	3.37	ppb
Thallium	205-1	2.67	2.52	2.46	2.55	4.26	ppb
Tin	118-1	0.03	0.02	0.00	0.02	88.16	ppb
Titanium	47-1	0.02	0.02	0.02	0.02	16.43	ppb
Uranium	238-1	0.03	0.02	0.02	0.03	17.91	ppb
Vanadium	51-2	27.73	27.39	27.58	27.57	0.61	ppb
Yttrium	89-1				97		%
Yttrium	89-2				92		%
Zinc	66-2	31.47	31.63	30.88	31.33	1.27	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	27.14	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-05DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4S	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:26:21	DataFile Name :	051SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.04	0.04	0.03	79.77	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-06DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N5	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:29:48	DataFile Name :	052SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.93	0.68	1.18	0.93	26.76	ppb
Antimony	121-1	0.06	0.05	0.05	0.05	1.91	ppb
Arsenic	75-2	0.53	0.55	0.55	0.54	2.18	ppb
Barium	135-1	3.82	3.83	3.70	3.78	2.00	ppb
Barium	137-1	3.65	3.72	3.74	3.70	1.21	ppb
Beryllium	9-1	-0.01	0.00	0.02	0.00	649.03	ppb
Bismuth	209-1				97		%
Bismuth	209-2				91		%
Boron	10-1	2.28	2.09	2.26	2.21	4.79	ppb
Boron	11-1	2.13	1.84	1.71	1.89	11.17	ppb
Cadmium	111-1	0.01	0.08	-0.07	0.01	845.24	ppb
Cadmium	106-1	0.20	0.94	-0.90	0.08	1190.90	ppb
Cadmium	108-1	0.15	-0.01	0.05	0.06	123.71	ppb
Calcium	43-1	2168.39	2226.55	2243.28	2212.74	1.78	ppb
Calcium	44-1	2233.70	2278.30	2266.73	2259.58	1.02	ppb
Chromium	52-2	-0.01	0.04	0.06	0.03	118.96	ppb
Cobalt	59-2	0.35	0.37	0.35	0.36	3.60	ppb
Copper	63-2	0.23	0.21	0.24	0.23	6.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				93		%
Indium	115-1				98		%
Indium	115-2				91		%
Iron	56-2	428.10	430.43	431.54	430.02	0.41	ppb
Iron	57-2	421.62	410.14	407.32	413.03	1.83	ppb
Lead	206-1	0.13	0.11	0.10	0.11	11.35	ppb
Lead	207-1	0.13	0.12	0.13	0.13	3.14	ppb
Lead	208-1	0.12	0.11	0.12	0.12	4.90	ppb
Lithium	6-1				95		%
Magnesium	24-2	884.44	896.34	871.33	884.04	1.41	ppb
Manganese	55-2	185.01	186.14	185.94	185.69	0.32	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-06DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N5	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:29:48	DataFile Name :	052SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.02	0.02	0.02	46.56	ppb
Molybdenum	95-1	0.04	0.05	0.02	0.03	35.72	ppb
Molybdenum	96-1	0.02	0.01	-0.01	0.00	240.93	ppb
Molybdenum	97-1	0.04	0.05	0.04	0.05	9.71	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	19.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.32	0.43	0.38	0.37	14.68	ppb
Phosphorus	31-2	-1.83	-3.68	35.13	9.87	221.76	ppb
Potassium	39-2	190.84	209.70	211.71	204.08	5.64	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.59	-0.22	-1.45	-0.75		ppb
Selenium	82-1	-2.33	-1.64	-2.02	-2.00		ppb
Silicon	28-1	442.57	450.23	448.09	446.97	0.88	ppb
Silver	109-1	0.01	0.01	0.02	0.01	21.13	ppb
Silver	107-1	0.02	0.01	0.02	0.02	8.70	ppb
Sodium	23-2	809.16	809.04	807.52	808.57	0.11	ppb
Strontium	86-1	6.06	5.96	5.88	5.97	1.56	ppb
Strontium	88-1	5.95	5.86	5.93	5.91	0.85	ppb
Sulfur	34-1	4643.63	4802.69	4637.23	4694.52	2.00	ppb
Terbium	159-1				98		%
Terbium	159-2				93		%
Thallium	203-1	0.00	0.01	0.01	0.01	99.68	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	37.24	ppb
Tin	118-1	0.00	-0.01	0.04	0.01	231.80	ppb
Titanium	47-1	0.05	0.01	-0.02	0.01	238.18	ppb
Uranium	238-1	-0.01	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	1.29	ppb
Yttrium	89-1				97		%
Yttrium	89-2				91		%
Zinc	66-2	263.29	267.73	266.07	265.70	0.84	ppb
Zirconium	90-1	0.03	0.01	0.02	0.02	44.16	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-06DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N5	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:29:48	DataFile Name :	052SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.03	0.04	0.02	68.25	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-07DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N6	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:33:16	DataFile Name :	053SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.35	0.70	0.16	0.17	307.39	ppb
Antimony	121-1	0.03	0.03	0.04	0.04	19.50	ppb
Arsenic	75-2	0.01	-0.01	0.00	0.00		ppb
Barium	135-1	-0.01	0.01	-0.02	0.00		ppb
Barium	137-1	-0.01	0.00	0.00	0.00		ppb
Beryllium	9-1	-0.01	-0.01	-0.02	-0.01		ppb
Bismuth	209-1				97		%
Bismuth	209-2				91		%
Boron	10-1	0.72	1.56	0.87	1.05	42.81	ppb
Boron	11-1	0.73	0.70	0.83	0.75	9.16	ppb
Cadmium	111-1	-0.02	0.06	-0.05	-0.01		ppb
Cadmium	106-1	-0.28	0.79	-0.62	-0.04		ppb
Cadmium	108-1	0.06	-0.04	0.02	0.01	400.95	ppb
Calcium	43-1	12.96	-0.59	7.23	6.53	104.07	ppb
Calcium	44-1	23.71	10.19	17.30	17.07	39.62	ppb
Chromium	52-2	0.00	-0.05	-0.01	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.22	0.24	0.24	0.23	4.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				93		%
Indium	115-1				98		%
Indium	115-2				91		%
Iron	56-2	0.56	0.42	0.27	0.42	35.31	ppb
Iron	57-2	1.44	0.64	1.45	1.18	39.58	ppb
Lead	206-1	0.09	0.09	0.07	0.08	14.13	ppb
Lead	207-1	0.09	0.06	0.09	0.08	21.44	ppb
Lead	208-1	0.09	0.08	0.08	0.08	7.14	ppb
Lithium	6-1				95		%
Magnesium	24-2	0.93	0.94	1.17	1.01	13.41	ppb
Manganese	55-2	0.01	-0.02	0.02	0.01	383.75	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-07DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N6	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:33:16	DataFile Name :	053SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.00	0.00	27.69	ppb
Molybdenum	95-1	0.03	0.01	0.01	0.02	43.24	ppb
Molybdenum	96-1	0.00	-0.03	0.01	-0.01		ppb
Molybdenum	97-1	0.01	0.02	0.03	0.02	56.58	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	24.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	-0.02	-0.02	0.00		ppb
Phosphorus	31-2	16.43	2.63	-5.97	4.36	259.13	ppb
Potassium	39-2	35.51	26.01	23.20	28.24	22.85	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				91		%
Selenium	77-2	0.61	0.61	0.60	0.61	0.97	ppb
Selenium	78-2	0.44	1.01	-0.76	0.23	393.48	ppb
Selenium	82-1	-2.34	-2.72	-1.97	-2.34		ppb
Silicon	28-1	1.00	-5.11	-3.48	-2.53		ppb
Silver	109-1	0.01	0.01	0.01	0.01	14.84	ppb
Silver	107-1	0.01	0.01	0.02	0.01	35.51	ppb
Sodium	23-2	44.43	42.54	44.48	43.82	2.53	ppb
Strontium	86-1	0.02	-0.04	-0.03	-0.02		ppb
Strontium	88-1	0.01	0.00	0.01	0.01	93.81	ppb
Sulfur	34-1	2968.19	1725.27	1971.83	2221.76	29.62	ppb
Terbium	159-1				98		%
Terbium	159-2				93		%
Thallium	203-1	0.01	0.02	0.00	0.01	95.66	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	19.10	ppb
Tin	118-1	0.02	0.01	0.03	0.02	33.99	ppb
Titanium	47-1	0.01	-0.06	-0.02	-0.02		ppb
Uranium	238-1	-0.01	0.00	-0.01	-0.01		ppb
Vanadium	51-2	0.01	0.01	0.00	0.00	187.34	ppb
Yttrium	89-1				96		%
Yttrium	89-2				91		%
Zinc	66-2	0.53	0.66	0.55	0.58	12.07	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	44.96	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-07DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N6	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:33:16	DataFile Name :	053SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.04	0.02	0.02	70.46	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-08DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N7	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:36:44	DataFile Name :	054SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.95	0.83	0.78	0.85	10.26	ppb
Antimony	121-1	0.02	0.03	0.03	0.03	20.68	ppb
Arsenic	75-2	0.01	0.00	0.01	0.01	104.24	ppb
Barium	135-1	-0.02	0.03	-0.02	-0.01		ppb
Barium	137-1	0.01	0.02	0.00	0.01	69.27	ppb
Beryllium	9-1	0.00	-0.02	0.00	0.00		ppb
Bismuth	209-1				97		%
Bismuth	209-2				91		%
Boron	10-1	0.59	1.16	0.48	0.74	49.03	ppb
Boron	11-1	0.72	0.82	0.97	0.84	14.97	ppb
Cadmium	111-1	0.03	0.01	-0.05	0.00		ppb
Cadmium	106-1	0.31	0.20	-0.58	-0.02		ppb
Cadmium	108-1	0.02	0.02	0.05	0.03	56.29	ppb
Calcium	43-1	9.59	6.00	11.01	8.87	29.14	ppb
Calcium	44-1	22.81	27.33	21.32	23.82	13.14	ppb
Chromium	52-2	0.86	0.85	0.81	0.84	2.86	ppb
Cobalt	59-2	0.01	0.02	0.02	0.02	18.01	ppb
Copper	63-2	0.34	0.31	0.26	0.30	12.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				93		%
Indium	115-1				98		%
Indium	115-2				91		%
Iron	56-2	3.40	3.40	3.35	3.38	0.85	ppb
Iron	57-2	5.79	1.73	5.12	4.21	51.72	ppb
Lead	206-1	0.22	0.18	0.17	0.19	15.28	ppb
Lead	207-1	0.18	0.16	0.17	0.17	6.20	ppb
Lead	208-1	0.18	0.17	0.18	0.18	4.53	ppb
Lithium	6-1				94		%
Magnesium	24-2	1.15	1.67	1.04	1.29	25.92	ppb
Manganese	55-2	0.65	0.63	0.53	0.60	10.92	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-08DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N7	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:36:44	DataFile Name :	054SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.01	0.01	0.01	83.87	ppb
Molybdenum	95-1	0.00	0.01	0.00	0.00	199.08	ppb
Molybdenum	96-1	0.00	-0.02	0.00	-0.01		ppb
Molybdenum	97-1	0.01	0.03	0.05	0.03	59.81	ppb
Molybdenum	98-1	0.01	0.01	0.00	0.00	99.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	0.93	0.91	0.93	2.17	ppb
Phosphorus	31-2	-5.47	4.57	3.46	0.85	645.30	ppb
Potassium	39-2	31.99	32.32	30.75	31.68	2.61	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	77-2	0.62	0.61	0.00	0.41	86.61	ppb
Selenium	78-2	0.68	0.60	-0.52	0.25	266.59	ppb
Selenium	82-1	-1.70	-1.34	-2.24	-1.76		ppb
Silicon	28-1	-2.44	-1.84	-3.79	-2.69		ppb
Silver	109-1	0.01	0.01	0.02	0.01	38.79	ppb
Silver	107-1	0.02	0.02	0.02	0.02	12.36	ppb
Sodium	23-2	44.78	46.06	42.19	44.35	4.44	ppb
Strontium	86-1	-0.02	-0.02	-0.02	-0.02		ppb
Strontium	88-1	0.01	0.02	0.02	0.02	35.92	ppb
Sulfur	34-1	2698.37	2958.50	2553.35	2736.74	7.50	ppb
Terbium	159-1				98		%
Terbium	159-2				93		%
Thallium	203-1	0.00	0.00	0.01	0.00	61.74	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	39.20	ppb
Tin	118-1	0.00	0.03	0.00	0.01	116.42	ppb
Titanium	47-1	-0.03	-0.09	0.00	-0.04		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.01	0.00	0.00	0.01	138.17	ppb
Yttrium	89-1				96		%
Yttrium	89-2				90		%
Zinc	66-2	0.66	0.63	0.82	0.70	14.71	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	28.49	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-08DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N7	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:36:44	DataFile Name :	054SMPL_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.00	0.02	0.01	108.68	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 13:40:12	DataFile Name :	055CCV_P7101717-MS_

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49632.20	49067.70	49831.15	49510.35	0.80	ppb
Antimony	121-1	486.76	503.14	506.45	498.78	2.11	ppb
Arsenic	75-2	515.30	514.39	521.92	517.20	0.80	ppb
Barium	135-1	2467.47	2504.66	2556.60	2509.58	1.78	ppb
Barium	137-1	2511.13	2529.23	2612.68	2551.02	2.12	ppb
Beryllium	9-1	506.62	516.71	511.31	511.55	0.99	ppb
Bismuth	209-1				87		%
Bismuth	209-2				87		%
Boron	10-1	491.12	513.17	500.17	501.49	2.21	ppb
Boron	11-1	485.95	509.88	511.10	502.31	2.82	ppb
Cadmium	111-1	495.65	505.43	506.33	502.47	1.18	ppb
Cadmium	106-1	497.76	518.94	526.92	514.54	2.93	ppb
Cadmium	108-1	502.77	506.37	516.65	508.60	1.42	ppb
Calcium	43-1	236486.29	235091.84	241471.61	237683.25	1.41	ppb
Calcium	44-1	235708.95	237028.62	237476.47	236738.01	0.39	ppb
Chromium	52-2	521.68	514.33	520.67	518.89	0.77	ppb
Cobalt	59-2	507.84	504.75	509.85	507.48	0.51	ppb
Copper	63-2	995.58	979.46	999.37	991.47	1.07	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				95		%
Holmium	165-2				94		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	56-2	126512.02	124842.74	127276.06	126210.27	0.99	ppb
Iron	57-2	127613.31	128720.72	125685.61	127339.88	1.21	ppb
Lead	206-1	517.18	547.33	508.61	524.37	3.88	ppb
Lead	207-1	505.49	541.31	507.32	518.04	3.89	ppb
Lead	208-1	498.90	529.97	510.34	513.07	3.06	ppb
Lithium	6-1				96		%
Magnesium	24-2	258120.54	256970.25	256762.16	257284.32	0.28	ppb
Manganese	55-2	1027.01	1013.23	1018.31	1019.52	0.68	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 13:40:12	DataFile Name :	055CCV_P7101717-MS_

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	501.98	503.69	505.35	503.68	0.33	ppb
Molybdenum	95-1	506.08	503.59	513.99	507.89	1.07	ppb
Molybdenum	96-1	510.82	502.57	515.48	509.62	1.28	ppb
Molybdenum	97-1	506.00	506.17	508.36	506.84	0.26	ppb
Molybdenum	98-1	493.97	494.11	510.53	499.54	1.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.20	507.67	511.76	510.21	0.43	ppb
Phosphorus	31-2	10415.47	10468.92	10273.13	10385.84	0.97	ppb
Potassium	39-2	125802.29	125381.21	124172.83	125118.78	0.68	ppb
Rhodium	103-1				89		%
Rhodium	103-2				89		%
Scandium	45-1				94		%
Scandium	45-2				97		%
Selenium	77-2	520.36	488.25	494.73	501.11	3.39	ppb
Selenium	78-2	499.92	523.77	515.75	513.14	2.37	ppb
Selenium	82-1	493.83	495.06	504.60	497.83	1.18	ppb
Silicon	28-1	606.62	611.90	628.75	615.76	1.88	ppb
Silver	109-1	482.85	487.64	489.64	486.71	0.72	ppb
Silver	107-1	483.46	495.97	498.68	492.70	1.65	ppb
Sodium	23-2	255688.05	252925.78	256512.18	255042.00	0.74	ppb
Strontium	86-1	515.29	513.19	521.01	516.50	0.78	ppb
Strontium	88-1	520.49	518.17	529.09	522.58	1.10	ppb
Sulfur	34-1	13560.76	13749.96	13923.38	13744.70	1.32	ppb
Terbium	159-1				95		%
Terbium	159-2				95		%
Thallium	203-1	503.90	540.85	498.69	514.48	4.47	ppb
Thallium	205-1	525.56	548.81	516.79	530.39	3.12	ppb
Tin	118-1	487.64	493.94	504.59	495.39	1.73	ppb
Titanium	47-1	507.11	502.19	505.72	505.01	0.50	ppb
Uranium	238-1	523.33	545.10	515.35	527.93	2.92	ppb
Vanadium	51-2	517.63	511.98	515.70	515.10	0.56	ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%
Zinc	66-2	1009.41	996.08	1016.82	1007.44	1.04	ppb
Zirconium	90-1	513.56	511.85	520.15	515.19	0.85	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 13:40:12	DataFile Name :	055CCV_P7101717-MS_

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	505.32	506.13	509.66	507.04	0.45	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 13:43:38	DataFile Name :	056CCBE_P7101717-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.24	0.85	1.00	1.03	19.36	ppb
Antimony	121-1	1.42	1.33	1.24	1.33	6.54	ppb
Arsenic	75-2	0.10	0.11	0.09	0.10	9.76	ppb
Barium	135-1	-0.01	0.00	0.02	0.00	340.09	ppb
Barium	137-1	0.03	0.00	0.00	0.01	152.93	ppb
Beryllium	9-1	0.10	0.08	0.05	0.08	28.49	ppb
Bismuth	209-1				96		%
Bismuth	209-2				91		%
Boron	10-1	7.94	7.99	8.34	8.09	2.69	ppb
Boron	11-1	7.56	7.62	6.28	7.15	10.57	ppb
Cadmium	111-1	0.12	0.03	0.06	0.07	69.11	ppb
Cadmium	106-1	1.49	0.26	0.68	0.81	77.65	ppb
Cadmium	108-1	0.02	0.09	0.06	0.06	57.85	ppb
Calcium	43-1	9.84	3.63	18.48	10.65	70.03	ppb
Calcium	44-1	48.20	48.38	38.89	45.16	12.01	ppb
Chromium	52-2	0.01	0.02	0.04	0.02	73.67	ppb
Cobalt	59-2	0.01	0.01	0.00	0.00	187.33	ppb
Copper	63-2	0.30	0.28	0.27	0.29	4.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				93		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	2.55	3.22	3.71	3.16	18.33	ppb
Iron	57-2	3.58	5.13	6.59	5.10	29.48	ppb
Lead	206-1	0.07	0.06	0.06	0.06	5.67	ppb
Lead	207-1	0.07	0.08	0.05	0.07	22.18	ppb
Lead	208-1	0.07	0.07	0.06	0.07	9.64	ppb
Lithium	6-1				98		%
Magnesium	24-2	3.25	4.31	4.92	4.16	20.29	ppb
Manganese	55-2	0.03	0.02	0.03	0.03	19.23	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 13:43:38	DataFile Name :	056CCBE_P7101717-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.18	0.17	0.16	0.17	6.91	ppb
Molybdenum	95-1	0.31	0.27	0.22	0.27	16.44	ppb
Molybdenum	96-1	0.26	0.25	0.25	0.25	2.50	ppb
Molybdenum	97-1	0.30	0.29	0.26	0.28	6.55	ppb
Molybdenum	98-1	0.27	0.29	0.27	0.28	4.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.05	-0.01	0.00		ppb
Phosphorus	31-2	2.60	-12.86	10.21	-0.02		ppb
Potassium	39-2	41.58	53.09	49.15	47.94	12.20	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	77-2	0.00	1.16	0.00	0.39	173.21	ppb
Selenium	78-2	-1.19	0.00	0.43	-0.25		ppb
Selenium	82-1	-1.35	-1.64	-2.55	-1.85		ppb
Silicon	28-1	3.54	2.39	2.38	2.77	24.09	ppb
Silver	109-1	0.02	0.01	0.03	0.02	49.58	ppb
Silver	107-1	0.03	0.02	0.02	0.02	30.13	ppb
Sodium	23-2	98.15	96.18	96.21	96.85	1.17	ppb
Strontium	86-1	-0.03	-0.05	0.01	-0.02		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	13.23	ppb
Sulfur	34-1	1934.14	1927.79	1871.60	1911.18	1.80	ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	0.11	0.12	0.10	0.11	13.05	ppb
Thallium	205-1	0.10	0.10	0.09	0.10	4.87	ppb
Tin	118-1	0.31	0.25	0.23	0.26	15.02	ppb
Titanium	47-1	0.06	-0.05	-0.09	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	73.60	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	19.90	ppb
Yttrium	89-1				96		%
Yttrium	89-2				94		%
Zinc	66-2	0.33	0.05	0.22	0.20	69.63	ppb
Zirconium	90-1	0.14	0.11	0.13	0.13	8.88	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 13:43:38	DataFile Name :	056CCBE_P7101717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.11	0.13	0.12	12.10	ppb

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:19:32	DataFile Name :	003CALB_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	33	75	61	39.37	cps
Antimony	121-1	67	58	50	58	14.29	cps
Arsenic	75-2	7	4	7	6	34.70	cps
Barium	135-1	83	50	75	69	24.98	cps
Barium	137-1	108	83	83	92	15.74	cps
Beryllium	9-1	39	50	56	48	17.63	cps
Bismuth	209-1	6403619	6393942	6456653	6418072	0.53	cps
Bismuth	209-2	3506985	3566540	3539405	3537643	0.84	cps
Boron	10-1	92	75	83	83	10.00	cps
Boron	11-1	450	333	442	408	15.94	cps
Cadmium	111-1	1848	1804	1858	1836	1.57	cps
Cadmium	106-1	2634	2575	2642	2617	1.39	cps
Cadmium	108-1	0	17	0	6	173.21	cps
Calcium	43-1	417	383	350	383	8.70	cps
Calcium	44-1	61253	59989	61997	61080	1.66	cps
Chromium	52-2	987	930	1040	986	5.58	cps
Cobalt	59-2	80	60	83	74	16.95	cps
Copper	63-2	1057	1123	1027	1069	4.63	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	17	33	42	31	41.66	cps
Erbium	164-2	17	3	10	10	66.70	cps
Gadolinium	160-1	33	67	83	61	41.67	cps
Gadolinium	160-2	40	73	60	58	29.04	cps
Holmium	165-1	9944718	9783456	9945053	9891076	0.94	cps
Holmium	165-2	4579931	4652381	4680048	4637453	1.11	cps
Indium	115-1	7810611	7846909	7939886	7865802	0.85	cps
Indium	115-2	1470711	1472722	1501212	1481548	1.15	cps
Iron	56-2	4645	4551	4484	4560	1.78	cps
Iron	57-2	211	278	311	267	19.09	cps
Lead	206-1	606	622	594	607	2.30	cps
Lead	207-1	539	539	444	507	10.75	cps
Lead	208-1	2211	2556	2222	2330	8.40	cps
Lithium	6-1	673046	681704	686054	680268	0.97	cps
Magnesium	24-2	225	225	142	197	24.40	cps
Manganese	55-2	53	83	90	76	25.85	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:19:32	DataFile Name :	003CALB_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	250	158	217	208	22.27	cps
Molybdenum	95-1	50	50	8	36	66.62	cps
Molybdenum	96-1	108	150	258	172	44.96	cps
Molybdenum	97-1	33	17	50	33	49.99	cps
Molybdenum	98-1	42	67	83	64	32.83	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	163	103	120	129	24.03	cps
Phosphorus	31-2	125	175	125	142	20.38	cps
Potassium	39-2	47059	47293	48622	47658	1.77	cps
Rhodium	103-1	7548673	7568914	7660170	7592586	0.78	cps
Rhodium	103-2	3466277	3504331	3491378	3487328	0.55	cps
Scandium	45-1	4804584	4879368	4850876	4844942	0.78	cps
Scandium	45-2	233710	238030	234748	235496	0.96	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	65	109	83	86	26.02	cps
Selenium	82-1	363	245	331	313	19.43	cps
Silicon	28-1	404835	406114	406370	405773	0.20	cps
Silver	109-1	42	67	67	58	24.74	cps
Silver	107-1	42	100	50	64	49.38	cps
Sodium	23-2	16310	17077	16760	16715	2.31	cps
Strontium	86-1	908	883	992	928	6.11	cps
Strontium	88-1	167	208	192	189	11.10	cps
Sulfur	34-1	600605	596381	604647	600544	0.69	cps
Terbium	159-1	10060568	10168210	10108267	10112348	0.53	cps
Terbium	159-2	4578687	4574924	4645576	4599729	0.86	cps
Thallium	203-1	83	58	58	67	21.65	cps
Thallium	205-1	267	133	175	192	35.59	cps
Tin	118-1	500	608	617	575	11.32	cps
Titanium	47-1	225	217	167	203	15.56	cps
Uranium	238-1	200	158	175	178	11.80	cps
Vanadium	51-2	10	30	20	20	50.00	cps
Yttrium	89-1	8250457	8130101	8150410	8176990	0.79	cps
Yttrium	89-2	1178172	1187605	1195597	1187125	0.73	cps
Zinc	66-2	180	297	203	227	27.24	cps
Zirconium	90-1	408	492	608	503	19.98	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:19:32	DataFile Name :	003CALB_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	108	117	106	12.06	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S01	Instrumnet Name :	P7
Client Sample ID :	S01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:22:59	DataFile Name :	004CAL5_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	267	150	167	194	32.45	cps
Antimony	121-1	1308	1458	1467	1411	6.31	cps
Arsenic	75-2	24	31	26	27	14.19	cps
Barium	135-1	1375	1425	1575	1458	7.14	cps
Barium	137-1	2725	2425	2692	2614	6.29	cps
Beryllium	9-1	106	139	122	122	13.63	cps
Bismuth	209-1	6314664	6298476	6385495	6332878	0.73	cps
Bismuth	209-2	3553011	3542220	3547887	3547706	0.15	cps
Boron	10-1	375	508	375	419	18.35	cps
Boron	11-1	1850	1859	1900	1870	1.43	cps
Cadmium	111-1	1974	2057	2011	2014	2.07	cps
Cadmium	106-1	2575	2725	2617	2639	2.94	cps
Cadmium	108-1	29	13	42	28	52.68	cps
Calcium	43-1	1167	1117	1408	1231	12.68	cps
Calcium	44-1	74874	74446	75032	74784	0.41	cps
Chromium	52-2	1297	1523	1330	1383	8.85	cps
Cobalt	59-2	450	390	373	404	9.97	cps
Copper	63-2	1613	1653	1570	1612	2.59	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	42	42	36	26.65	cps
Erbium	164-2	23	20	17	20	16.65	cps
Gadolinium	160-1	58	92	33	61	47.89	cps
Gadolinium	160-2	70	67	60	66	7.77	cps
Holmium	165-1	9689785	9690171	9790664	9723540	0.60	cps
Holmium	165-2	4660872	4675298	4649584	4661918	0.28	cps
Indium	115-1	7744946	7826449	7794793	7788729	0.53	cps
Indium	115-2	1467845	1471808	1489786	1476479	0.79	cps
Iron	56-2	12567	13001	12400	12656	2.45	cps
Iron	57-2	528	483	506	506	4.39	cps
Lead	206-1	961	1045	989	998	4.25	cps
Lead	207-1	1050	883	861	932	11.08	cps
Lead	208-1	4312	4056	3978	4115	4.24	cps
Lithium	6-1	681283	695218	689951	688817	1.02	cps
Magnesium	24-2	7210	7844	7602	7552	4.23	cps
Manganese	55-2	207	203	200	203	1.64	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S01	Instrumnet Name :	P7
Client Sample ID :	S01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:22:59	DataFile Name :	004CAL5_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1483	1492	1442	1472	1.82	cps
Molybdenum	95-1	1667	1809	1483	1653	9.86	cps
Molybdenum	96-1	1900	2042	1992	1978	3.63	cps
Molybdenum	97-1	1025	1000	917	981	5.79	cps
Molybdenum	98-1	2359	2525	2467	2450	3.45	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	190	280	230	233	19.33	cps
Phosphorus	31-2	175	200	225	200	12.50	cps
Potassium	39-2	54308	52745	53330	53461	1.48	cps
Rhodium	103-1	7417662	7479775	7530183	7475873	0.75	cps
Rhodium	103-2	3483395	3533882	3486768	3501348	0.81	cps
Scandium	45-1	4707285	4677848	4682051	4689061	0.34	cps
Scandium	45-2	239100	236969	235457	237175	0.77	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	87	76	81	81	6.82	cps
Selenium	82-1	251	242	332	275	17.84	cps
Silicon	28-1	411609	411034	410638	411094	0.12	cps
Silver	109-1	792	708	783	761	6.03	cps
Silver	107-1	900	817	925	881	6.44	cps
Sodium	23-2	31334	31091	30073	30833	2.17	cps
Strontium	86-1	1092	975	958	1008	7.21	cps
Strontium	88-1	2034	1959	1984	1992	1.92	cps
Sulfur	34-1	612332	614558	616864	614585	0.37	cps
Terbium	159-1	9981556	10053431	10092443	10042477	0.56	cps
Terbium	159-2	4632510	4631326	4594218	4619351	0.47	cps
Thallium	203-1	650	783	583	672	15.15	cps
Thallium	205-1	1559	1675	1467	1567	6.67	cps
Tin	118-1	2992	3067	3042	3034	1.26	cps
Titanium	47-1	492	608	608	569	11.83	cps
Uranium	238-1	1959	1925	2125	2003	5.35	cps
Vanadium	51-2	777	733	867	792	8.59	cps
Yttrium	89-1	8080150	8005691	8110872	8065571	0.67	cps
Yttrium	89-2	1179636	1189919	1188397	1185984	0.47	cps
Zinc	66-2	347	283	230	287	20.37	cps
Zirconium	90-1	1425	1458	1483	1456	2.01	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S01	Instrumnet Name :	P7
Client Sample ID :	S01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:22:59	DataFile Name :	004CALS_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	292	392	358	347	14.66	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:27:07	DataFile Name :	005CAL5_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1183	1100	1267	1183	7.04	cps
Antimony	121-1	14642	14216	13782	14213	3.02	cps
Arsenic	75-2	274	256	313	281	10.43	cps
Barium	135-1	14525	14208	13899	14210	2.20	cps
Barium	137-1	24364	24130	24147	24214	0.54	cps
Beryllium	9-1	967	1028	1033	1009	3.66	cps
Bismuth	209-1	6331158	6270368	6318513	6306679	0.51	cps
Bismuth	209-2	3474156	3516020	3530072	3506749	0.83	cps
Boron	10-1	3392	3467	3376	3412	1.43	cps
Boron	11-1	16893	16935	18120	17316	4.02	cps
Cadmium	111-1	3322	3380	3322	3341	1.00	cps
Cadmium	106-1	2617	2642	2742	2667	2.48	cps
Cadmium	108-1	146	129	163	146	11.43	cps
Calcium	43-1	8636	8736	8653	8675	0.62	cps
Calcium	44-1	195854	195104	194684	195214	0.30	cps
Chromium	52-2	5294	5211	5231	5245	0.83	cps
Cobalt	59-2	3224	3277	3474	3325	3.96	cps
Copper	63-2	5554	6225	5758	5846	5.88	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	42	67	67	58	24.74	cps
Erbium	164-2	27	10	17	18	47.19	cps
Gadolinium	160-1	92	83	58	78	22.30	cps
Gadolinium	160-2	70	73	40	61	30.04	cps
Holmium	165-1	9587936	9671899	9676219	9645351	0.52	cps
Holmium	165-2	4562658	4628797	4633781	4608412	0.86	cps
Indium	115-1	7880624	7734359	7754277	7789753	1.02	cps
Indium	115-2	1431736	1484431	1470641	1462269	1.87	cps
Iron	56-2	86135	88181	87896	87404	1.27	cps
Iron	57-2	2539	2250	2172	2321	8.33	cps
Lead	206-1	5557	5046	5190	5264	5.01	cps
Lead	207-1	4745	4673	4379	4599	4.22	cps
Lead	208-1	21985	21207	20963	21385	2.50	cps
Lithium	6-1	691879	690605	687412	689965	0.33	cps
Magnesium	24-2	72341	72517	73932	72930	1.20	cps
Manganese	55-2	1173	1123	1153	1150	2.19	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:27:07	DataFile Name :	005CALS_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12256	12548	11930	12245	2.52	cps
Molybdenum	95-1	15534	15000	15692	15409	2.35	cps
Molybdenum	96-1	17161	16836	17236	17078	1.25	cps
Molybdenum	97-1	9479	9028	9412	9306	2.61	cps
Molybdenum	98-1	24238	24405	24906	24516	1.42	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1247	1110	1067	1141	8.23	cps
Phosphorus	31-2	167	175	183	175	4.76	cps
Potassium	39-2	115413	116160	116287	115954	0.41	cps
Rhodium	103-1	7463453	7502010	7596095	7520519	0.91	cps
Rhodium	103-2	3433663	3474816	3469418	3459299	0.65	cps
Scandium	45-1	4668318	4664498	4662668	4665161	0.06	cps
Scandium	45-2	231363	233354	234414	233043	0.66	cps
Selenium	77-2	23	40	20	28	38.58	cps
Selenium	78-2	152	165	174	164	6.83	cps
Selenium	82-1	748	778	730	752	3.24	cps
Silicon	28-1	459894	454236	458660	457597	0.65	cps
Silver	109-1	7294	8094	7069	7486	7.20	cps
Silver	107-1	8286	8319	8186	8264	0.84	cps
Sodium	23-2	153293	157310	157831	156144	1.59	cps
Strontium	86-1	2700	2584	2892	2725	5.71	cps
Strontium	88-1	17119	17879	16627	17208	3.66	cps
Sulfur	34-1	611353	611358	608231	610314	0.30	cps
Terbium	159-1	10158279	10119258	10129237	10135591	0.20	cps
Terbium	159-2	4509499	4601489	4600852	4570613	1.16	cps
Thallium	203-1	5835	6010	5568	5804	3.83	cps
Thallium	205-1	14191	13716	13758	13888	1.90	cps
Tin	118-1	24289	24756	25532	24859	2.53	cps
Titanium	47-1	4434	4334	4317	4362	1.45	cps
Uranium	238-1	18764	19282	18889	18978	1.42	cps
Vanadium	51-2	8062	8069	8052	8061	0.10	cps
Yttrium	89-1	8084653	8029270	8067748	8060557	0.35	cps
Yttrium	89-2	1164261	1193632	1189920	1182604	1.35	cps
Zinc	66-2	890	953	970	938	4.50	cps
Zirconium	90-1	10771	10329	10929	10677	2.91	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:27:07	DataFile Name :	005CALS_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2517	2442	2325	2428	3.98	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:30:53	DataFile Name :	006CAL5_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	68701	69194	69069	68988	0.37	cps
Antimony	121-1	390495	395966	396206	394222	0.82	cps
Arsenic	75-2	15664	15241	15586	15497	1.45	cps
Barium	135-1	405554	408832	404450	406278	0.56	cps
Barium	137-1	706418	711273	719532	712408	0.93	cps
Beryllium	9-1	56633	56578	56985	56732	0.39	cps
Bismuth	209-1	6357203	6365108	6384801	6369037	0.22	cps
Bismuth	209-2	3502779	3541901	3590166	3544949	1.23	cps
Boron	10-1	8269	8211	8044	8175	1.43	cps
Boron	11-1	39937	40772	41792	40834	2.27	cps
Cadmium	111-1	95414	95693	95319	95475	0.20	cps
Cadmium	106-1	12448	12606	12840	12631	1.56	cps
Cadmium	108-1	6698	6756	6573	6675	1.40	cps
Calcium	43-1	95399	95399	96128	95642	0.44	cps
Calcium	44-1	1602609	1602196	1605973	1603593	0.13	cps
Chromium	52-2	115471	114669	114941	115027	0.35	cps
Cobalt	59-2	185424	187765	187392	186860	0.67	cps
Copper	63-2	276260	278345	278552	277719	0.46	cps
Dysprosium	156-1	25	42	17	28	45.82	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	50	50	25	42	34.64	cps
Erbium	164-2	20	13	20	18	21.66	cps
Gadolinium	160-1	58	142	83	94	45.28	cps
Gadolinium	160-2	57	73	53	61	17.53	cps
Holmium	165-1	9755673	9724475	9911435	9797194	1.02	cps
Holmium	165-2	4631890	4653664	4690329	4658628	0.63	cps
Indium	115-1	7845767	7929928	7905496	7893730	0.55	cps
Indium	115-2	1466540	1483686	1476399	1475542	0.58	cps
Iron	56-2	4647448	4621068	4587804	4618773	0.65	cps
Iron	57-2	116090	116986	117764	116946	0.72	cps
Lead	206-1	267202	265110	268315	266876	0.61	cps
Lead	207-1	238866	239612	240077	239519	0.26	cps
Lead	208-1	1079799	1078593	1085103	1081165	0.32	cps
Lithium	6-1	707547	696549	702612	702236	0.78	cps
Magnesium	24-2	836600	838318	839549	838156	0.18	cps
Manganese	55-2	123204	126344	127068	125539	1.64	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:30:53	DataFile Name :	006CAL5_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	325561	324069	325623	325084	0.27	cps
Molybdenum	95-1	177179	173612	176718	175836	1.10	cps
Molybdenum	96-1	224602	226894	225995	225830	0.51	cps
Molybdenum	97-1	109301	109721	107150	108724	1.27	cps
Molybdenum	98-1	289744	283651	279720	284372	1.78	cps
Neodymium	150-1	40	27	40	36	21.64	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	51454	50447	51851	51250	1.41	cps
Phosphorus	31-2	4634	4901	4818	4784	2.85	cps
Potassium	39-2	446128	443939	447955	446007	0.45	cps
Rhodium	103-1	7494711	7517012	7437560	7483094	0.55	cps
Rhodium	103-2	3453989	3482956	3472448	3469798	0.42	cps
Scandium	45-1	4687271	4663456	4703872	4684866	0.43	cps
Scandium	45-2	233581	232730	232723	233012	0.21	cps
Selenium	77-2	247	290	220	252	14.01	cps
Selenium	78-2	1098	1056	1061	1072	2.16	cps
Selenium	82-1	6412	6314	6536	6421	1.73	cps
Silicon	28-1	632693	629979	631285	631319	0.22	cps
Silver	109-1	431166	429115	433638	431306	0.53	cps
Silver	107-1	454497	450314	446322	450377	0.91	cps
Sodium	23-2	1629110	1632207	1642699	1634672	0.44	cps
Strontium	86-1	106561	107316	107568	107148	0.49	cps
Strontium	88-1	949858	933832	946573	943421	0.90	cps
Sulfur	34-1	636409	643012	642924	640782	0.59	cps
Terbium	159-1	10155717	9956222	10384766	10165568	2.11	cps
Terbium	159-2	4637375	4667823	4657339	4654179	0.33	cps
Thallium	203-1	326873	319030	325599	323834	1.30	cps
Thallium	205-1	775453	760066	776575	770698	1.20	cps
Tin	118-1	284499	287567	286198	286088	0.54	cps
Titanium	47-1	49225	48899	48932	49019	0.37	cps
Uranium	238-1	1087591	1073534	1077211	1079445	0.68	cps
Vanadium	51-2	91488	92921	93364	92591	1.06	cps
Yttrium	89-1	8067307	8034807	8103448	8068521	0.43	cps
Yttrium	89-2	1172199	1176151	1185092	1177814	0.56	cps
Zinc	66-2	40015	39694	40453	40054	0.95	cps
Zirconium	90-1	608396	610889	610199	609828	0.21	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:30:53	DataFile Name :	006CALS_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	136740	135806	135091	135879	0.61	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:34:40	DataFile Name :	007CAL5_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	172710	175106	170884	172900	1.22	cps
Antimony	121-1	968774	990725	982305	980601	1.13	cps
Arsenic	75-2	38590	38926	38842	38786	0.45	cps
Barium	135-1	1011424	1018908	1021666	1017333	0.52	cps
Barium	137-1	1749113	1776392	1769049	1764851	0.80	cps
Beryllium	9-1	138980	143516	141375	141291	1.61	cps
Bismuth	209-1	6246759	6247887	6276698	6257115	0.27	cps
Bismuth	209-2	3500805	3545250	3573255	3539770	1.03	cps
Boron	10-1	18654	19772	20122	19516	3.93	cps
Boron	11-1	101414	100574	101909	101299	0.67	cps
Cadmium	111-1	233532	234355	235081	234322	0.33	cps
Cadmium	106-1	28020	27311	28037	27789	1.49	cps
Cadmium	108-1	16856	17369	16923	17049	1.64	cps
Calcium	43-1	236467	237658	240161	238095	0.79	cps
Calcium	44-1	3860764	3916923	3907134	3894940	0.77	cps
Chromium	52-2	284858	283070	282028	283319	0.51	cps
Cobalt	59-2	460799	466009	467054	464621	0.72	cps
Copper	63-2	678635	683778	682505	681639	0.39	cps
Dysprosium	156-1	0	33	25	19	89.21	cps
Dysprosium	156-2	10	13	7	10	33.30	cps
Erbium	164-1	58	25	33	39	44.62	cps
Erbium	164-2	10	17	7	11	45.82	cps
Gadolinium	160-1	67	92	42	67	37.50	cps
Gadolinium	160-2	47	77	50	58	28.46	cps
Holmium	165-1	9593349	9769172	9705516	9689346	0.92	cps
Holmium	165-2	4614959	4684620	4693114	4664231	0.92	cps
Indium	115-1	7766035	7874988	7854785	7831936	0.74	cps
Indium	115-2	1462680	1479250	1486840	1476256	0.84	cps
Iron	56-2	11437527	11381840	11547175	11455514	0.73	cps
Iron	57-2	291262	295593	291240	292698	0.86	cps
Lead	206-1	652099	658923	661435	657486	0.73	cps
Lead	207-1	589692	600437	594462	594864	0.91	cps
Lead	208-1	2647239	2679308	2673033	2666527	0.64	cps
Lithium	6-1	688294	705448	702343	698695	1.31	cps
Magnesium	24-2	2065990	2077404	2061274	2068223	0.40	cps
Manganese	55-2	308626	311030	309606	309754	0.39	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:34:40	DataFile Name :	007CAL5_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	791234	815754	814147	807045	1.70	cps
Molybdenum	95-1	439804	433396	437376	436859	0.74	cps
Molybdenum	96-1	558376	566439	559640	561485	0.77	cps
Molybdenum	97-1	271664	270104	275960	272576	1.11	cps
Molybdenum	98-1	695419	706830	709415	703888	1.06	cps
Neodymium	150-1	80	67	53	67	19.99	cps
Neodymium	150-2	7	0	13	7	99.98	cps
Nickel	60-2	124688	124954	124449	124697	0.20	cps
Phosphorus	31-2	11363	11939	11705	11669	2.48	cps
Potassium	39-2	1040666	1050612	1037143	1042807	0.67	cps
Rhodium	103-1	7345658	7489041	7475488	7436729	1.06	cps
Rhodium	103-2	3424082	3449453	3466883	3446806	0.62	cps
Scandium	45-1	4629525	4684536	4632024	4648695	0.67	cps
Scandium	45-2	233651	233139	234169	233653	0.22	cps
Selenium	77-2	770	683	793	749	7.74	cps
Selenium	78-2	2545	2624	2556	2575	1.68	cps
Selenium	82-1	15573	15534	15696	15601	0.54	cps
Silicon	28-1	955482	964443	962964	960963	0.50	cps
Silver	109-1	1054564	1068153	1059424	1060714	0.65	cps
Silver	107-1	1093421	1114009	1115713	1107714	1.12	cps
Sodium	23-2	3941356	3976090	3950128	3955858	0.46	cps
Strontium	86-1	268963	272389	264864	268738	1.40	cps
Strontium	88-1	2346626	2322298	2332001	2333642	0.52	cps
Sulfur	34-1	684979	686081	678703	683254	0.58	cps
Terbium	159-1	10082277	10113071	10127336	10107562	0.23	cps
Terbium	159-2	4626475	4684983	4646766	4652741	0.64	cps
Thallium	203-1	808222	802124	810122	806823	0.52	cps
Thallium	205-1	1890926	1917049	1913362	1907113	0.74	cps
Tin	118-1	694010	713770	712713	706831	1.57	cps
Titanium	47-1	120976	121935	122237	121716	0.54	cps
Uranium	238-1	2641832	2719506	2694400	2685246	1.48	cps
Vanadium	51-2	231801	229621	231473	230965	0.51	cps
Yttrium	89-1	8034942	7958971	8107537	8033816	0.92	cps
Yttrium	89-2	1177269	1175078	1181681	1178009	0.29	cps
Zinc	66-2	99567	100332	101480	100459	0.96	cps
Zirconium	90-1	1521737	1522907	1540833	1528492	0.70	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:34:40	DataFile Name :	007CALS_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	343056	338653	341928	341212	0.67	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:38:23	DataFile Name :	008CAL5_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	339642	344461	346425	343509	1.02	cps
Antimony	121-1	1977936	2004051	2025961	2002649	1.20	cps
Arsenic	75-2	77142	78633	79084	78286	1.30	cps
Barium	135-1	2053065	2065488	2050734	2056429	0.39	cps
Barium	137-1	3527028	3538297	3599780	3555035	1.10	cps
Beryllium	9-1	284221	277280	280732	280744	1.24	cps
Bismuth	209-1	6170010	6267471	6375254	6270912	1.64	cps
Bismuth	209-2	3479208	3536911	3540341	3518820	0.98	cps
Boron	10-1	40004	39971	39745	39907	0.35	cps
Boron	11-1	199568	200588	207151	202436	2.03	cps
Cadmium	111-1	462726	469363	476450	469513	1.46	cps
Cadmium	106-1	52615	52666	53243	52841	0.66	cps
Cadmium	108-1	33114	34768	34091	33991	2.45	cps
Calcium	43-1	473411	482277	487574	481087	1.49	cps
Calcium	44-1	7603879	7746099	7807017	7718999	1.35	cps
Chromium	52-2	561608	564453	569369	565143	0.69	cps
Cobalt	59-2	912419	920926	928293	920546	0.86	cps
Copper	63-2	1343091	1350782	1345537	1346470	0.29	cps
Dysprosium	156-1	42	58	83	61	34.32	cps
Dysprosium	156-2	23	23	20	22	8.65	cps
Erbium	164-1	75	42	17	44	65.84	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-1	67	67	117	83	34.64	cps
Gadolinium	160-2	93	63	67	74	22.09	cps
Holmium	165-1	9801396	9856797	9815047	9824413	0.29	cps
Holmium	165-2	4664602	4722130	4733863	4706865	0.79	cps
Indium	115-1	7760801	7854415	7897784	7837667	0.89	cps
Indium	115-2	1464637	1471534	1476988	1471053	0.42	cps
Iron	56-2	22534102	23064910	22886487	22828499	1.18	cps
Iron	57-2	578210	584567	586730	583169	0.76	cps
Lead	206-1	1318453	1334681	1317278	1323471	0.73	cps
Lead	207-1	1201876	1209703	1192979	1201519	0.70	cps
Lead	208-1	5387777	5409010	5367654	5388147	0.38	cps
Lithium	6-1	698012	697166	704211	699796	0.55	cps
Magnesium	24-2	4122019	4168784	4171708	4154170	0.67	cps
Manganese	55-2	617983	626153	627377	623838	0.82	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:38:23	DataFile Name :	008CAL5_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1661575	1644142	1650159	1651959	0.54	cps
Molybdenum	95-1	890391	882231	897436	890019	0.85	cps
Molybdenum	96-1	1141144	1139450	1133172	1137922	0.37	cps
Molybdenum	97-1	554998	557290	544274	552187	1.26	cps
Molybdenum	98-1	1423885	1432805	1419365	1425352	0.48	cps
Neodymium	150-1	127	120	147	131	10.59	cps
Neodymium	150-2	10	20	17	16	32.73	cps
Nickel	60-2	245904	249590	247207	247567	0.76	cps
Phosphorus	31-2	22626	24154	23444	23408	3.27	cps
Potassium	39-2	2029476	2060385	2053927	2047929	0.80	cps
Rhodium	103-1	7442086	7423137	7440858	7435360	0.14	cps
Rhodium	103-2	3405119	3431191	3445296	3427202	0.59	cps
Scandium	45-1	4687281	4732689	4693974	4704648	0.52	cps
Scandium	45-2	234930	236356	236577	235954	0.38	cps
Selenium	77-2	1463	1463	1457	1461	0.26	cps
Selenium	78-2	5201	5005	5286	5164	2.80	cps
Selenium	82-1	31068	31725	31566	31453	1.09	cps
Silicon	28-1	1532032	1526971	1531420	1530141	0.18	cps
Silver	109-1	2121644	2118634	2142260	2127513	0.60	cps
Silver	107-1	2232670	2230962	2244016	2235883	0.32	cps
Sodium	23-2	7857235	7942122	7869181	7889513	0.58	cps
Strontium	86-1	539918	545947	541392	542419	0.58	cps
Strontium	88-1	4713465	4746644	4694941	4718350	0.56	cps
Sulfur	34-1	756386	751767	760095	756082	0.55	cps
Terbium	159-1	10053822	10002577	10131091	10062497	0.64	cps
Terbium	159-2	4652323	4687470	4666453	4668748	0.38	cps
Thallium	203-1	1623439	1635007	1611173	1623206	0.73	cps
Thallium	205-1	3849629	3868823	3828045	3848832	0.53	cps
Tin	118-1	1414499	1428596	1455681	1432926	1.46	cps
Titanium	47-1	242478	245449	245730	244553	0.74	cps
Uranium	238-1	5475534	5534758	5430797	5480363	0.95	cps
Vanadium	51-2	460571	470645	469186	466801	1.17	cps
Yttrium	89-1	8028576	8120134	8115334	8088015	0.64	cps
Yttrium	89-2	1173695	1182799	1189741	1182078	0.68	cps
Zinc	66-2	198829	199332	199761	199307	0.23	cps
Zirconium	90-1	3078811	3099992	3125217	3101340	0.75	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:38:23	DataFile Name :	008CALS_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	694859	696857	702689	698135	0.58	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:42:01	DataFile Name :	009CAL5_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	689014	687517	698524	691685	0.86	cps
Antimony	121-1	4017456	3987818	3998230	4001168	0.38	cps
Arsenic	75-2	158147	158930	159597	158891	0.46	cps
Barium	135-1	4132566	4081384	4119822	4111257	0.65	cps
Barium	137-1	7240138	7137402	7178819	7185453	0.72	cps
Beryllium	9-1	559786	559308	555707	558267	0.40	cps
Bismuth	209-1	6314291	6288826	6232486	6278534	0.67	cps
Bismuth	209-2	3512740	3502959	3515023	3510241	0.18	cps
Boron	10-1	76811	78563	79668	78347	1.84	cps
Boron	11-1	397942	404383	410612	404312	1.57	cps
Cadmium	111-1	932756	934028	934436	933740	0.09	cps
Cadmium	106-1	102965	103484	105374	103941	1.22	cps
Cadmium	108-1	66840	68456	67669	67655	1.19	cps
Calcium	43-1	960817	963519	966859	963732	0.31	cps
Calcium	44-1	15452653	15432608	15546622	15477294	0.39	cps
Chromium	52-2	1136264	1134462	1147077	1139268	0.60	cps
Cobalt	59-2	1843575	1853901	1864362	1853946	0.56	cps
Copper	63-2	2668202	2675424	2692647	2678757	0.47	cps
Dysprosium	156-1	100	100	75	92	15.75	cps
Dysprosium	156-2	67	50	37	51	29.41	cps
Erbium	164-1	17	42	42	33	43.30	cps
Erbium	164-2	40	20	7	22	75.49	cps
Gadolinium	160-1	92	125	142	119	21.32	cps
Gadolinium	160-2	87	70	87	81	11.87	cps
Holmium	165-1	9832058	9975544	9755070	9854224	1.14	cps
Holmium	165-2	4677277	4736598	4781723	4731866	1.11	cps
Indium	115-1	7759005	7776038	7728670	7754571	0.31	cps
Indium	115-2	1452345	1484038	1487422	1474601	1.31	cps
Iron	56-2	46112290	46318458	46106489	46179079	0.26	cps
Iron	57-2	1169857	1170555	1181444	1173952	0.55	cps
Lead	206-1	2632972	2657816	2648434	2646408	0.47	cps
Lead	207-1	2371408	2383275	2382646	2379110	0.28	cps
Lead	208-1	10819613	10802673	10779193	10800493	0.19	cps
Lithium	6-1	689030	701763	690802	693865	0.99	cps
Magnesium	24-2	8331231	8205005	8312665	8282967	0.82	cps
Manganese	55-2	1250869	1257350	1261538	1256585	0.43	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:42:01	DataFile Name :	009CAL5_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3320594	3325713	3316589	3320965	0.14	cps
Molybdenum	95-1	1792630	1807316	1780950	1793632	0.74	cps
Molybdenum	96-1	2299799	2311705	2270299	2293934	0.93	cps
Molybdenum	97-1	1113437	1116427	1107793	1112552	0.39	cps
Molybdenum	98-1	2887762	2897594	2852391	2879249	0.83	cps
Neodymium	150-1	267	280	247	264	6.34	cps
Neodymium	150-2	40	30	37	36	14.32	cps
Nickel	60-2	494312	493642	500279	496078	0.74	cps
Phosphorus	31-2	46624	47159	47744	47176	1.19	cps
Potassium	39-2	4069814	4112439	4104823	4095692	0.56	cps
Rhodium	103-1	7382947	7355967	7356219	7365044	0.21	cps
Rhodium	103-2	3385031	3458204	3468317	3437184	1.32	cps
Scandium	45-1	4664506	4730280	4793774	4729520	1.37	cps
Scandium	45-2	236651	237969	240884	238501	0.91	cps
Selenium	77-2	3090	3037	3047	3058	0.93	cps
Selenium	78-2	10243	10002	10656	10300	3.21	cps
Selenium	82-1	62912	63237	63337	63162	0.35	cps
Silicon	28-1	2640022	2680710	2688955	2669896	0.98	cps
Silver	109-1	4209862	4220908	4235842	4222204	0.31	cps
Silver	107-1	4416563	4440301	4432869	4429911	0.27	cps
Sodium	23-2	15797697	15803895	15829293	15810295	0.11	cps
Strontium	86-1	1086502	1099862	1090479	1092281	0.63	cps
Strontium	88-1	9482100	9555228	9554923	9530750	0.44	cps
Sulfur	34-1	909925	909493	909484	909634	0.03	cps
Terbium	159-1	10322116	10246804	10259867	10276262	0.39	cps
Terbium	159-2	4590873	4716368	4771421	4692887	1.97	cps
Thallium	203-1	3214643	3246743	3225906	3229097	0.50	cps
Thallium	205-1	7635045	7725301	7750963	7703770	0.79	cps
Tin	118-1	2885112	2886527	2877885	2883175	0.16	cps
Titanium	47-1	491239	497695	494395	494443	0.65	cps
Uranium	238-1	11059900	11095084	10954096	11036360	0.66	cps
Vanadium	51-2	935888	935335	947313	939512	0.72	cps
Yttrium	89-1	8097463	8128083	8119693	8115080	0.19	cps
Yttrium	89-2	1196151	1212198	1214850	1207733	0.84	cps
Zinc	66-2	395973	395276	401680	397643	0.88	cps
Zirconium	90-1	6366062	6304711	6310594	6327122	0.54	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:42:01	DataFile Name :	009CALS_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1396149	1409289	1404871	1403436	0.48	cps

LB Number : LB90939 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P7
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-17 10:45:37 DataFile Name : 010CAL5_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1407971	1414521	1424787	1415760	0.60	cps
Antimony	121-1	8057109	8076687	8158403	8097399	0.66	cps
Arsenic	75-2	320007	324148	325289	323148	0.86	cps
Barium	135-1	8181847	8337055	8356591	8291831	1.15	cps
Barium	137-1	14717777	14273401	14738881	14576686	1.80	cps
Beryllium	9-1	1088932	1084885	1098464	1090761	0.64	cps
Bismuth	209-1	6079750	6186581	6227843	6164725	1.24	cps
Bismuth	209-2	3461030	3539025	3495333	3498463	1.12	cps
Boron	10-1	154532	156030	160206	156922	1.87	cps
Boron	11-1	794462	798936	816691	803363	1.46	cps
Cadmium	111-1	1828106	1846405	1855715	1843409	0.76	cps
Cadmium	106-1	203507	205249	205471	204742	0.53	cps
Cadmium	108-1	134736	135297	136117	135383	0.51	cps
Calcium	43-1	1912264	1919810	1938999	1923691	0.72	cps
Calcium	44-1	31104463	31304677	31171097	31193412	0.33	cps
Chromium	52-2	2313691	2322620	2314696	2317002	0.21	cps
Cobalt	59-2	3682278	3728368	3727465	3712704	0.71	cps
Copper	63-2	5387828	5391491	5387973	5389097	0.04	cps
Dysprosium	156-1	150	125	183	153	19.15	cps
Dysprosium	156-2	50	60	63	58	12.01	cps
Erbium	164-1	50	50	92	64	37.66	cps
Erbium	164-2	30	27	20	26	19.92	cps
Gadolinium	160-1	258	158	242	219	24.42	cps
Gadolinium	160-2	127	77	113	106	24.53	cps
Holmium	165-1	9806169	9920689	9840822	9855893	0.60	cps
Holmium	165-2	4738789	4756733	4829451	4774991	1.01	cps
Indium	115-1	7758648	7801243	7736491	7765461	0.42	cps
Indium	115-2	1467999	1476632	1484861	1476497	0.57	cps
Iron	56-2	94075710	93473924	94223255	93924297	0.42	cps
Iron	57-2	2359625	2392540	2392231	2381465	0.79	cps
Lead	206-1	5065232	5155138	5158709	5126359	1.03	cps
Lead	207-1	4587384	4623078	4668237	4626233	0.88	cps
Lead	208-1	20998091	21151112	21370574	21173259	0.88	cps
Lithium	6-1	668692	673150	671281	671041	0.33	cps
Magnesium	24-2	16832975	16913135	16808225	16851445	0.33	cps
Manganese	55-2	2570743	2572734	2584164	2575880	0.28	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:45:37	DataFile Name :	010CAL5_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6638829	6650823	6727528	6672394	0.72	cps
Molybdenum	95-1	3543920	3541313	3618103	3567778	1.22	cps
Molybdenum	96-1	4548426	4570402	4578490	4565773	0.34	cps
Molybdenum	97-1	2225081	2225716	2249575	2233458	0.63	cps
Molybdenum	98-1	5895140	5847996	5859220	5867452	0.42	cps
Neodymium	150-1	313	487	540	447	26.53	cps
Neodymium	150-2	57	50	63	57	11.76	cps
Nickel	60-2	982851	987228	998556	989545	0.82	cps
Phosphorus	31-2	97249	98575	97275	97700	0.78	cps
Potassium	39-2	8372179	8392759	8371136	8378691	0.15	cps
Rhodium	103-1	7330292	7288269	7320197	7312919	0.30	cps
Rhodium	103-2	3398598	3411263	3411849	3407236	0.22	cps
Scandium	45-1	4744341	4793692	4810959	4782997	0.72	cps
Scandium	45-2	246784	246627	249475	247629	0.65	cps
Selenium	77-2	6251	6388	6158	6266	1.85	cps
Selenium	78-2	20524	20398	20860	20594	1.16	cps
Selenium	82-1	124094	126196	126192	125494	0.97	cps
Silicon	28-1	4145395	4153424	4194746	4164522	0.64	cps
Silver	109-1	8585371	8575626	8532631	8564543	0.33	cps
Silver	107-1	8801704	8800032	8896374	8832703	0.62	cps
Sodium	23-2	32096315	32638949	32023167	32252810	1.04	cps
Strontium	86-1	2170184	2212904	2191900	2191663	0.97	cps
Strontium	88-1	18890258	19503728	19402218	19265401	1.71	cps
Sulfur	34-1	1268462	1272047	1272599	1271036	0.18	cps
Terbium	159-1	10119957	10262065	10310628	10230883	0.97	cps
Terbium	159-2	4698594	4712694	4748061	4719783	0.54	cps
Thallium	203-1	6331335	6400950	6445064	6392450	0.90	cps
Thallium	205-1	15215023	15251660	15275114	15247265	0.20	cps
Tin	118-1	5829749	5715396	5834643	5793263	1.16	cps
Titanium	47-1	986653	997018	1000602	994758	0.73	cps
Uranium	238-1	21915374	21810990	21818328	21848231	0.27	cps
Vanadium	51-2	1926827	1936454	1937514	1933598	0.30	cps
Yttrium	89-1	8142001	8288061	8258033	8229365	0.94	cps
Yttrium	89-2	1229443	1234619	1224701	1229588	0.40	cps
Zinc	66-2	783871	792618	799810	792099	1.01	cps
Zirconium	90-1	12563707	12789309	12697323	12683446	0.89	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:45:37	DataFile Name :	010CALS_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2804530	2807712	2808018	2806753	0.07	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:49:07	DataFile Name :	011CAL5_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7446041	7384616	7462922	7431193	0.55	cps
Antimony	121-1	22544	21759	21768	22024	2.05	cps
Arsenic	75-2	141	146	135	141	3.95	cps
Barium	135-1	2450	2584	2359	2464	4.59	cps
Barium	137-1	4343	4259	4126	4242	2.58	cps
Beryllium	9-1	322	183	156	220	40.52	cps
Bismuth	209-1	5463592	5273505	5200260	5312453	2.56	cps
Bismuth	209-2	3162460	3174109	3174372	3170313	0.21	cps
Boron	10-1	3234	2750	2584	2856	11.82	cps
Boron	11-1	14883	14975	14015	14624	3.62	cps
Cadmium	111-1	1915	1952	1900	1922	1.39	cps
Cadmium	106-1	2467	2567	2575	2536	2.38	cps
Cadmium	108-1	17	17	46	26	63.81	cps
Calcium	43-1	10448885	10341475	10477025	10422462	0.69	cps
Calcium	44-1	165386870	163292866	167357158	165345631	1.23	cps
Chromium	52-2	34915	35590	35032	35179	1.02	cps
Cobalt	59-2	4454	4561	4507	4507	1.18	cps
Copper	63-2	8156	7892	7862	7970	2.03	cps
Dysprosium	156-1	33	100	83	72	48.04	cps
Dysprosium	156-2	17	37	40	31	40.56	cps
Erbium	164-1	67	25	75	56	48.22	cps
Erbium	164-2	27	17	27	23	24.74	cps
Gadolinium	160-1	108	117	83	103	16.88	cps
Gadolinium	160-2	80	90	70	80	12.50	cps
Holmium	165-1	9327735	9346798	9273116	9315883	0.41	cps
Holmium	165-2	4580161	4571043	4622075	4591093	0.59	cps
Indium	115-1	7331484	7375087	7271282	7325951	0.71	cps
Indium	115-2	1436260	1446860	1464578	1449233	0.99	cps
Iron	56-2	456556932	461485877	456834366	458292392	0.60	cps
Iron	57-2	11700788	11761532	11777245	11746522	0.34	cps
Lead	206-1	6024	5935	5940	5966	0.84	cps
Lead	207-1	4679	4707	4951	4779	3.14	cps
Lead	208-1	23042	22680	22858	22860	0.79	cps
Lithium	6-1	635198	634060	647165	638808	1.14	cps
Magnesium	24-2	85215233	85484279	86381192	85693568	0.71	cps
Manganese	55-2	9827	10497	10287	10204	3.36	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:49:07	DataFile Name :	011CAL5_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6619	6552	6435	6535	1.42	cps
Molybdenum	95-1	9570	9654	9145	9456	2.89	cps
Molybdenum	96-1	12614	12264	12489	12456	1.43	cps
Molybdenum	97-1	5760	5993	5443	5732	4.82	cps
Molybdenum	98-1	15033	14700	15142	14958	1.54	cps
Neodymium	150-1	120	100	67	96	28.20	cps
Neodymium	150-2	20	37	13	23	51.52	cps
Nickel	60-2	9967	10104	10010	10027	0.70	cps
Phosphorus	31-2	167	175	183	175	4.76	cps
Potassium	39-2	42107875	42584108	42856994	42516326	0.89	cps
Rhodium	103-1	6765181	6758106	6817638	6780308	0.48	cps
Rhodium	103-2	3123644	3190262	3166831	3160246	1.07	cps
Scandium	45-1	4613574	4721162	4724644	4686460	1.35	cps
Scandium	45-2	245120	245932	248555	246536	0.73	cps
Selenium	77-2	3	10	3	6	69.34	cps
Selenium	78-2	117	109	83	103	16.98	cps
Selenium	82-1	343	302	267	304	12.48	cps
Silicon	28-1	456279	458414	456429	457041	0.26	cps
Silver	109-1	883	975	1083	981	10.21	cps
Silver	107-1	900	1000	1225	1042	15.98	cps
Sodium	23-2	160189112	160607712	160105837	160300887	0.17	cps
Strontium	86-1	78096	78339	76898	77778	0.99	cps
Strontium	88-1	669062	666186	678036	671095	0.92	cps
Sulfur	34-1	586400	589878	596906	591062	0.91	cps
Terbium	159-1	9683736	9621896	9618654	9641429	0.38	cps
Terbium	159-2	4502959	4520227	4615977	4546388	1.34	cps
Thallium	203-1	3042	2375	2475	2631	13.67	cps
Thallium	205-1	6393	5952	5543	5963	7.13	cps
Tin	118-1	7261	7486	6935	7227	3.83	cps
Titanium	47-1	867	867	933	889	4.33	cps
Uranium	238-1	1892	1984	1675	1850	8.56	cps
Vanadium	51-2	340	357	377	358	5.13	cps
Yttrium	89-1	7999801	7929433	7893039	7940758	0.68	cps
Yttrium	89-2	1202307	1211887	1216945	1210379	0.61	cps
Zinc	66-2	2354	2637	2620	2537	6.27	cps
Zirconium	90-1	2525	2775	2492	2598	5.96	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 10:49:07	DataFile Name :	011CALS_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	675	633	750	686	8.62	cps

LB Number : LB90939 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P7
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2017-10-17 11:07:31 DataFile Name : 012ICV_P7101717-MS_#

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	36897	38233	37907	37679	1.85	cps
Antimony	121-1	1494917	1512019	1514978	1507305	0.72	cps
Arsenic	75-2	62794	62844	63767	63135	0.87	cps
Barium	135-1	158742	159432	159590	159255	0.28	cps
Barium	137-1	276062	280447	282087	279532	1.11	cps
Beryllium	9-1	106841	105585	108652	107026	1.44	cps
Bismuth	209-1	6260366	6234782	6175452	6223533	0.70	cps
Bismuth	209-2	3493633	3492105	3543156	3509631	0.83	cps
Boron	10-1	76871	78078	80163	78370	2.13	cps
Boron	11-1	396819	399211	413045	403025	2.17	cps
Cadmium	111-1	188605	190857	192726	190729	1.08	cps
Cadmium	106-1	36866	38495	38261	37874	2.33	cps
Cadmium	108-1	19414	19226	18992	19211	1.10	cps
Calcium	43-1	41585	43674	43841	43033	2.92	cps
Calcium	44-1	728383	743512	743479	738458	1.18	cps
Chromium	52-2	227182	224992	226664	226279	0.51	cps
Cobalt	59-2	376868	376474	378530	377291	0.29	cps
Copper	63-2	275010	277539	280665	277738	1.02	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	83	108	50	81	36.33	cps
Erbium	164-2	57	27	33	39	40.51	cps
Gadolinium	160-1	100	100	100	100	0.01	cps
Gadolinium	160-2	47	73	67	62	22.30	cps
Holmium	165-1	9472540	9547494	9698615	9572883	1.20	cps
Holmium	165-2	4632708	4623917	4666180	4640935	0.48	cps
Indium	115-1	7896449	7852185	7839863	7862832	0.38	cps
Indium	115-2	1485249	1499655	1504332	1496412	0.66	cps
Iron	56-2	1917473	1904215	1912953	1911547	0.35	cps
Iron	57-2	47053	47812	48319	47728	1.33	cps
Lead	206-1	996060	1022302	1035196	1017853	1.96	cps
Lead	207-1	879453	890512	887293	885753	0.64	cps
Lead	208-1	3997598	4067010	4091727	4052111	1.20	cps
Lithium	6-1	683397	687308	676991	682566	0.76	cps
Magnesium	24-2	202274	204063	203825	203387	0.48	cps
Manganese	55-2	126612	125995	127019	126542	0.41	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:07:31	DataFile Name :	012ICV_P7101717-MS_#

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3224899	3278776	3346789	3283488	1.86	cps
Molybdenum	95-1	1749818	1789214	1806695	1781909	1.63	cps
Molybdenum	96-1	2251814	2284152	2321826	2285930	1.53	cps
Molybdenum	97-1	1090968	1117067	1124639	1110892	1.59	cps
Molybdenum	98-1	2831908	2885750	2906544	2874734	1.34	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	100673	101758	102364	101598	0.84	cps
Phosphorus	31-2	292	175	208	225	26.71	cps
Potassium	39-2	387377	380600	378053	382010	1.26	cps
Rhodium	103-1	7474390	7421502	7632341	7509411	1.46	cps
Rhodium	103-2	3499030	3512022	3483785	3498279	0.40	cps
Scandium	45-1	4818458	4788483	4821956	4809632	0.38	cps
Scandium	45-2	247427	245181	246559	246389	0.46	cps
Selenium	77-2	1270	1250	1297	1272	1.84	cps
Selenium	78-2	4084	4197	4151	4144	1.37	cps
Selenium	82-1	24713	25169	25214	25032	1.11	cps
Silicon	28-1	2670241	2666745	2710626	2682537	0.91	cps
Silver	109-1	817729	828702	827975	824802	0.74	cps
Silver	107-1	861270	870521	876448	869413	0.88	cps
Sodium	23-2	682336	678566	681934	680945	0.30	cps
Strontium	86-1	1071636	1093944	1087188	1084256	1.06	cps
Strontium	88-1	9611847	9772032	9665646	9683175	0.84	cps
Sulfur	34-1	634788	634997	632675	634153	0.20	cps
Terbium	159-1	9760409	9943998	10099077	9934495	1.71	cps
Terbium	159-2	4635887	4634547	4659628	4643354	0.30	cps
Thallium	203-1	1243530	1241904	1269995	1251810	1.26	cps
Thallium	205-1	2921924	2969613	3027272	2972936	1.77	cps
Tin	118-1	2826871	2870958	2875590	2857806	0.94	cps
Titanium	47-1	485835	496559	497383	493259	1.31	cps
Uranium	238-1	11663829	11623102	11577963	11621631	0.37	cps
Vanadium	51-2	187381	183867	187776	186341	1.15	cps
Yttrium	89-1	8043357	8284378	8260962	8196233	1.62	cps
Yttrium	89-2	1205547	1210503	1215684	1210578	0.42	cps
Zinc	66-2	80886	80279	81794	80987	0.94	cps
Zirconium	90-1	6278591	6480679	6441680	6400317	1.68	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:07:31	DataFile Name :	012ICV_P7101717-MS_#

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1360502	1387929	1397348	1381926	1.39	cps

LB Number : LB90939 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-10-17 11:13:25 DataFile Name : 013CCBE_P7101717-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	192	75	119	52.83	cps
Antimony	121-1	2767	3100	2892	2920	5.77	cps
Arsenic	75-2	22	17	15	18	21.54	cps
Barium	135-1	92	42	33	56	56.79	cps
Barium	137-1	133	133	100	122	15.74	cps
Beryllium	9-1	72	94	67	78	18.90	cps
Bismuth	209-1	6164610	6245115	6136060	6181928	0.91	cps
Bismuth	209-2	3431661	3466614	3440677	3446318	0.53	cps
Boron	10-1	983	1058	992	1011	4.07	cps
Boron	11-1	5168	4759	4342	4757	8.68	cps
Cadmium	111-1	1843	1724	1781	1783	3.32	cps
Cadmium	106-1	2617	2442	2525	2528	3.46	cps
Cadmium	108-1	8	8	4	7	34.59	cps
Calcium	43-1	442	475	700	539	26.08	cps
Calcium	44-1	74948	73910	75075	74644	0.86	cps
Chromium	52-2	1230	1020	1030	1093	10.84	cps
Cobalt	59-2	107	63	97	89	25.53	cps
Copper	63-2	1093	1123	1143	1120	2.25	cps
Dysprosium	156-1	33	8	17	19	65.47	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	33	33	33	33	0.00	cps
Erbium	164-2	10	13	3	9	57.30	cps
Gadolinium	160-1	67	67	83	72	13.33	cps
Gadolinium	160-2	50	70	50	57	20.38	cps
Holmium	165-1	9533608	9657213	9692308	9627710	0.87	cps
Holmium	165-2	4560425	4615280	4524035	4566580	1.01	cps
Indium	115-1	7786700	7942068	7830969	7853246	1.02	cps
Indium	115-2	1491451	1491335	1492843	1491876	0.06	cps
Iron	56-2	7124	7157	7085	7122	0.51	cps
Iron	57-2	300	361	272	311	14.62	cps
Lead	206-1	922	839	833	865	5.76	cps
Lead	207-1	828	761	667	752	10.77	cps
Lead	208-1	3595	3511	3345	3484	3.65	cps
Lithium	6-1	675447	694195	684136	684593	1.37	cps
Magnesium	24-2	300	400	367	356	14.32	cps
Manganese	55-2	120	83	103	102	17.96	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:13:25	DataFile Name :	013CCBE_P7101717-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	633	408	483	508	22.54	cps
Molybdenum	95-1	375	392	383	383	2.17	cps
Molybdenum	96-1	608	517	458	528	14.33	cps
Molybdenum	97-1	308	175	300	261	28.61	cps
Molybdenum	98-1	758	642	667	689	8.92	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	127	153	127	136	11.36	cps
Phosphorus	31-2	233	183	158	192	19.92	cps
Potassium	39-2	51649	51666	51791	51702	0.15	cps
Rhodium	103-1	7513834	7555662	7545673	7538390	0.29	cps
Rhodium	103-2	3503877	3465270	3485963	3485037	0.55	cps
Scandium	45-1	4734673	4826672	4764838	4775395	0.98	cps
Scandium	45-2	244771	244482	240962	243405	0.87	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	87	100	87	91	8.19	cps
Selenium	82-1	223	44	207	158	62.46	cps
Silicon	28-1	408329	409155	409914	409133	0.19	cps
Silver	109-1	92	83	75	83	10.00	cps
Silver	107-1	133	142	183	153	17.53	cps
Sodium	23-2	39085	38693	38576	38784	0.69	cps
Strontium	86-1	792	900	883	858	6.80	cps
Strontium	88-1	342	417	467	408	15.41	cps
Sulfur	34-1	623839	618541	616480	619620	0.61	cps
Terbium	159-1	9970022	9954955	9921562	9948846	0.25	cps
Terbium	159-2	4543110	4587637	4515603	4548783	0.80	cps
Thallium	203-1	217	208	183	203	8.56	cps
Thallium	205-1	525	592	583	567	6.41	cps
Tin	118-1	1292	1100	1042	1145	11.43	cps
Titanium	47-1	133	125	167	142	15.56	cps
Uranium	238-1	142	208	100	150	36.43	cps
Vanadium	51-2	23	13	20	19	26.96	cps
Yttrium	89-1	8036763	8163758	8153040	8117854	0.87	cps
Yttrium	89-2	1208974	1209784	1189747	1202835	0.94	cps
Zinc	66-2	420	690	670	593	25.36	cps
Zirconium	90-1	800	792	808	800	1.04	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:13:25	DataFile Name :	013CCBE_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	192	208	189	11.11	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:21:49	DataFile Name :	015ICSA_P7101717-MS_

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6502814	6455816	6615856	6524829	1.26	cps
Antimony	121-1	9720	9771	9745	9745	0.26	cps
Arsenic	75-2	98	91	117	102	13.11	cps
Barium	135-1	2800	2409	2534	2581	7.75	cps
Barium	137-1	4201	4259	4109	4190	1.81	cps
Beryllium	9-1	294	328	311	311	5.36	cps
Bismuth	209-1	5868739	5864659	5955622	5896340	0.87	cps
Bismuth	209-2	3233267	3271352	3299697	3268105	1.02	cps
Boron	10-1	625	692	600	639	7.42	cps
Boron	11-1	2867	3017	2750	2878	4.65	cps
Cadmium	111-1	2877	2821	3185	2961	6.61	cps
Cadmium	106-1	2284	2334	2592	2403	6.89	cps
Cadmium	108-1	1596	1542	1429	1522	5.59	cps
Calcium	43-1	1900073	1894325	1897560	1897320	0.15	cps
Calcium	44-1	30934278	31163484	30849414	30982392	0.52	cps
Chromium	52-2	45684	46370	46276	46110	0.81	cps
Cobalt	59-2	4364	4531	4451	4449	1.87	cps
Copper	63-2	23666	22895	23272	23278	1.66	cps
Dysprosium	156-1	17	25	42	28	45.82	cps
Dysprosium	156-2	3	10	23	12	83.33	cps
Erbium	164-1	58	42	33	44	28.65	cps
Erbium	164-2	27	37	43	36	23.58	cps
Gadolinium	160-1	117	108	83	103	16.88	cps
Gadolinium	160-2	73	67	47	62	22.30	cps
Holmium	165-1	9620838	9732543	9709940	9687774	0.61	cps
Holmium	165-2	4506267	4565605	4579920	4550597	0.86	cps
Indium	115-1	7663702	7779194	7788177	7743691	0.90	cps
Indium	115-2	1446405	1449876	1466897	1454393	0.75	cps
Iron	56-2	180155998	178179193	183741726	180692306	1.56	cps
Iron	57-2	4519508	4506434	4558659	4528200	0.60	cps
Lead	206-1	24334	24133	23816	24095	1.08	cps
Lead	207-1	18552	18925	18830	18769	1.03	cps
Lead	208-1	90154	90310	90388	90284	0.13	cps
Lithium	6-1	632668	633748	640019	635479	0.62	cps
Magnesium	24-2	16436287	16468897	16445542	16450242	0.10	cps
Manganese	55-2	10247	9997	10524	10256	2.57	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:21:49	DataFile Name :	015ICSA_P7101717-MS_

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3759766	3791170	3816917	3789284	0.76	cps
Molybdenum	95-1	6793048	6813347	6799747	6802047	0.15	cps
Molybdenum	96-1	7254747	7355952	7365042	7325247	0.84	cps
Molybdenum	97-1	4176161	4151205	4179743	4169036	0.37	cps
Molybdenum	98-1	11267556	11081949	11044704	11131403	1.07	cps
Neodymium	150-1	20	27	27	24	15.75	cps
Neodymium	150-2	7	13	17	12	41.65	cps
Nickel	60-2	5198	5548	5494	5413	3.48	cps
Phosphorus	31-2	460834	462811	478724	467457	2.10	cps
Potassium	39-2	16191755	16351242	16417242	16320080	0.71	cps
Rhodium	103-1	7190206	7237754	7298427	7242129	0.75	cps
Rhodium	103-2	3296705	3325726	3359123	3327185	0.94	cps
Scandium	45-1	4714415	4732133	4744506	4730351	0.32	cps
Scandium	45-2	239595	241856	242697	241383	0.66	cps
Selenium	77-2	10	0	3	4	114.60	cps
Selenium	78-2	109	104	119	110	6.77	cps
Selenium	82-1	162	121	30	104	65.14	cps
Silicon	28-1	527531	533168	530131	530277	0.53	cps
Silver	109-1	1250	1342	1609	1400	13.30	cps
Silver	107-1	1292	1417	1600	1436	10.80	cps
Sodium	23-2	31259082	31362881	31866264	31496076	1.03	cps
Strontium	86-1	71789	73588	75574	73651	2.57	cps
Strontium	88-1	630285	628943	632239	630489	0.26	cps
Sulfur	34-1	3321573	3269232	3316534	3302446	0.87	cps
Terbium	159-1	10003881	9822155	9977215	9934417	0.99	cps
Terbium	159-2	4487607	4518109	4558023	4521246	0.78	cps
Thallium	203-1	308	408	333	350	14.87	cps
Thallium	205-1	617	617	650	628	3.07	cps
Tin	118-1	2350	2009	1917	2092	10.92	cps
Titanium	47-1	1897199	1892297	1904679	1898058	0.33	cps
Uranium	238-1	1217	1125	1250	1197	5.41	cps
Vanadium	51-2	290	310	340	313	8.03	cps
Yttrium	89-1	8130513	8216720	8223179	8190137	0.63	cps
Yttrium	89-2	1193033	1198388	1206384	1199268	0.56	cps
Zinc	66-2	5261	5014	5091	5122	2.47	cps
Zirconium	90-1	2059	2117	1959	2045	3.92	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:21:49	DataFile Name :	015ICSA_P7101717-MS_

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	383	392	483	419	13.23	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:25:15	DataFile Name :	016ICSB_P7101717-MS_

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6529251	6519004	6398112	6482122	1.13	cps
Antimony	121-1	157029	160492	159175	158899	1.10	cps
Arsenic	75-2	6033	6044	5938	6005	0.97	cps
Barium	135-1	33232	35129	34477	34279	2.81	cps
Barium	137-1	59001	59294	58809	59035	0.41	cps
Beryllium	9-1	20002	19035	19602	19546	2.49	cps
Bismuth	209-1	5902921	5874953	5879815	5885896	0.25	cps
Bismuth	209-2	3254802	3293562	3273434	3273933	0.59	cps
Boron	10-1	9070	8811	9170	9017	2.05	cps
Boron	11-1	45469	45628	45996	45698	0.59	cps
Cadmium	111-1	37105	37575	37573	37418	0.72	cps
Cadmium	106-1	7394	7636	7527	7519	1.61	cps
Cadmium	108-1	4634	4276	4242	4384	4.95	cps
Calcium	43-1	1868073	1872808	1880828	1873903	0.34	cps
Calcium	44-1	30376167	30134782	30326056	30279002	0.42	cps
Chromium	52-2	89329	92025	89175	90176	1.78	cps
Cobalt	59-2	77286	77614	77366	77422	0.22	cps
Copper	63-2	74954	77062	76580	76199	1.45	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	20	33	20	24	31.49	cps
Erbium	164-1	50	25	50	42	34.64	cps
Erbium	164-2	7	20	17	14	48.02	cps
Gadolinium	160-1	83	25	67	58	51.51	cps
Gadolinium	160-2	87	83	90	87	3.85	cps
Holmium	165-1	9499304	9514225	9598574	9537367	0.56	cps
Holmium	165-2	4506520	4548577	4621345	4558814	1.27	cps
Indium	115-1	7748899	7635871	7570403	7651724	1.18	cps
Indium	115-2	1444191	1479545	1452416	1458717	1.27	cps
Iron	56-2	181222849	179145948	177956654	179441817	0.92	cps
Iron	57-2	4578854	4529082	4493597	4533845	0.94	cps
Lead	206-1	122682	122252	124017	122984	0.75	cps
Lead	207-1	102845	101222	101233	101767	0.92	cps
Lead	208-1	476572	474328	476881	475927	0.29	cps
Lithium	6-1	627201	628198	623851	626417	0.36	cps
Magnesium	24-2	16276279	16434021	16181819	16297373	0.78	cps
Manganese	55-2	34851	35610	34267	34909	1.93	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:25:15	DataFile Name :	016ICSB_P7101717-MS_

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4162691	4160396	4174987	4166025	0.19	cps
Molybdenum	95-1	6989988	6840419	6834161	6888189	1.28	cps
Molybdenum	96-1	7524532	7498057	7431740	7484776	0.64	cps
Molybdenum	97-1	4201341	4214390	4206974	4207569	0.16	cps
Molybdenum	98-1	11322692	11215086	11175234	11237671	0.68	cps
Neodymium	150-1	13	33	40	29	48.05	cps
Neodymium	150-2	3	13	23	13	75.02	cps
Nickel	60-2	25058	24921	24417	24799	1.36	cps
Phosphorus	31-2	462564	470050	463520	465378	0.88	cps
Potassium	39-2	16293563	16227863	16217659	16246362	0.25	cps
Rhodium	103-1	7302572	7164185	7224769	7230508	0.96	cps
Rhodium	103-2	3325596	3335025	3345539	3335386	0.30	cps
Scandium	45-1	4650869	4717848	4696104	4688274	0.73	cps
Scandium	45-2	240308	241919	246011	242746	1.21	cps
Selenium	77-2	123	163	157	148	14.50	cps
Selenium	78-2	456	485	476	472	3.21	cps
Selenium	82-1	2563	2437	2421	2474	3.13	cps
Silicon	28-1	776665	775184	775334	775728	0.11	cps
Silver	109-1	153137	153625	152347	153036	0.42	cps
Silver	107-1	160856	159626	163164	161215	1.11	cps
Sodium	23-2	31097467	31428520	30998132	31174707	0.72	cps
Strontium	86-1	192588	192390	192593	192524	0.06	cps
Strontium	88-1	1682029	1664633	1695020	1680560	0.91	cps
Sulfur	34-1	3234677	3897229	3935476	3689127	10.68	cps
Terbium	159-1	9880062	9938995	10069494	9962850	0.97	cps
Terbium	159-2	4513928	4592660	4572036	4559541	0.90	cps
Thallium	203-1	120830	119028	123285	121048	1.76	cps
Thallium	205-1	284520	286147	284034	284900	0.39	cps
Tin	118-1	314901	320388	319270	318186	0.91	cps
Titanium	47-1	1930986	1915176	1904075	1916746	0.71	cps
Uranium	238-1	1126072	1143555	1145945	1138524	0.95	cps
Vanadium	51-2	36572	36529	36321	36474	0.37	cps
Yttrium	89-1	8220055	7985731	8166958	8124248	1.51	cps
Yttrium	89-2	1196984	1204632	1197848	1199821	0.35	cps
Zinc	66-2	12422	12365	12259	12349	0.67	cps
Zirconium	90-1	691368	679590	697153	689371	1.30	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:25:15	DataFile Name :	016ICSB_P7101717-MS_

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	155218	151874	154542	153878	1.15	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CCV020	Instrumnet Name :	P7
Client Sample ID :	CCV020	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:28:41	DataFile Name :	017CCV_P7101717-MS_

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3634382	3590006	3599006	3607798	0.65	cps
Antimony	121-1	3897296	3886609	3962760	3915555	1.05	cps
Arsenic	75-2	160250	161778	161849	161292	0.56	cps
Barium	135-1	4051657	4060363	4127515	4079845	1.02	cps
Barium	137-1	7137891	7087026	7171816	7132245	0.60	cps
Beryllium	9-1	524917	537248	538128	533431	1.38	cps
Bismuth	209-1	5891276	5742600	5799672	5811183	1.29	cps
Bismuth	209-2	3278889	3270474	3289462	3279608	0.29	cps
Boron	10-1	73823	75639	76242	75235	1.67	cps
Boron	11-1	380594	385839	392099	386178	1.49	cps
Cadmium	111-1	898179	906295	908704	904393	0.61	cps
Cadmium	106-1	101370	101790	101462	101541	0.22	cps
Cadmium	108-1	66137	67418	66781	66779	0.96	cps
Calcium	43-1	4872348	4924148	5003731	4933409	1.34	cps
Calcium	44-1	76951300	77977766	78900741	77943269	1.25	cps
Chromium	52-2	1171775	1181074	1171308	1174719	0.47	cps
Cobalt	59-2	1849241	1832589	1847890	1843240	0.50	cps
Copper	63-2	2627700	2607441	2613822	2616321	0.40	cps
Dysprosium	156-1	58	108	92	86	29.56	cps
Dysprosium	156-2	37	27	43	36	23.58	cps
Erbium	164-1	75	42	67	61	28.38	cps
Erbium	164-2	37	17	13	22	56.80	cps
Gadolinium	160-1	108	83	150	114	29.57	cps
Gadolinium	160-2	67	80	117	88	29.50	cps
Holmium	165-1	9451096	9611103	9618390	9560196	0.99	cps
Holmium	165-2	4580853	4592806	4617302	4596987	0.40	cps
Indium	115-1	7626291	7602984	7674901	7634725	0.48	cps
Indium	115-2	1459542	1468473	1466601	1464872	0.32	cps
Iron	56-2	223902722	225326627	222573022	223934124	0.61	cps
Iron	57-2	5828808	5777808	5746338	5784318	0.72	cps
Lead	206-1	2477950	2478654	2468562	2475055	0.23	cps
Lead	207-1	2233430	2224937	2256410	2238259	0.73	cps
Lead	208-1	10018466	9961750	10183922	10054713	1.15	cps
Lithium	6-1	644337	648290	656433	649687	0.95	cps
Magnesium	24-2	42382203	41853264	41798434	42011301	0.77	cps
Manganese	55-2	1290084	1292229	1290037	1290783	0.10	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CCV020	Instrumnet Name :	P7
Client Sample ID :	CCV020	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:28:41	DataFile Name :	017CCV_P7101717-MS_

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3308376	3235846	3370643	3304955	2.04	cps
Molybdenum	95-1	1785207	1787210	1801812	1791410	0.51	cps
Molybdenum	96-1	2286817	2283235	2284625	2284892	0.08	cps
Molybdenum	97-1	1104758	1122738	1112713	1113403	0.81	cps
Molybdenum	98-1	2868320	2867701	2870913	2868978	0.06	cps
Neodymium	150-1	213	227	193	211	7.95	cps
Neodymium	150-2	23	33	50	36	37.90	cps
Nickel	60-2	491118	486942	490771	489610	0.47	cps
Phosphorus	31-2	50018	49834	48513	49455	1.66	cps
Potassium	39-2	21331483	21186774	21224607	21247621	0.35	cps
Rhodium	103-1	7105429	7081809	7124437	7103891	0.30	cps
Rhodium	103-2	3289183	3314014	3299198	3300798	0.38	cps
Scandium	45-1	4737447	4809127	4846069	4797548	1.15	cps
Scandium	45-2	250673	249858	247633	249388	0.63	cps
Selenium	77-2	3087	3174	3200	3154	1.88	cps
Selenium	78-2	10280	10293	10287	10286	0.06	cps
Selenium	82-1	60757	61845	62280	61627	1.27	cps
Silicon	28-1	2815602	2872843	2899831	2862759	1.50	cps
Silver	109-1	4052261	4067016	4057783	4059020	0.18	cps
Silver	107-1	4213571	4240353	4214366	4222763	0.36	cps
Sodium	23-2	79543789	78023283	78396812	78654628	1.01	cps
Strontium	86-1	1115691	1125776	1123995	1121820	0.48	cps
Strontium	88-1	9917578	9905233	9789245	9870686	0.72	cps
Sulfur	34-1	936623	949300	958074	947999	1.14	cps
Terbium	159-1	9983951	10024854	10049257	10019354	0.33	cps
Terbium	159-2	4592397	4606777	4578511	4592562	0.31	cps
Thallium	203-1	2980178	3039138	2983352	3000889	1.11	cps
Thallium	205-1	7278507	7230623	7284049	7264393	0.40	cps
Tin	118-1	2815584	2815257	2847926	2826256	0.66	cps
Titanium	47-1	492989	500921	500609	498173	0.90	cps
Uranium	238-1	10593175	10508574	10648819	10583523	0.67	cps
Vanadium	51-2	977597	980794	969813	976068	0.58	cps
Yttrium	89-1	8268666	8074063	8198137	8180289	1.20	cps
Yttrium	89-2	1210028	1219399	1218013	1215813	0.42	cps
Zinc	66-2	392065	391437	393243	392248	0.23	cps
Zirconium	90-1	6291682	6294902	6393473	6326686	0.91	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CCV020	Instrumnet Name :	P7
Client Sample ID :	CCV020	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:28:41	DataFile Name :	017CCV_P7101717-MS_

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1401641	1391254	1412421	1401772	0.76	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CCB020	Instrumnet Name :	P7
Client Sample ID :	CCB020	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:32:06	DataFile Name :	018CCBE_P7101717-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	233	358	272	27.44	cps
Antimony	121-1	10704	10654	10121	10493	3.08	cps
Arsenic	75-2	28	20	33	27	23.94	cps
Barium	135-1	125	175	83	128	35.92	cps
Barium	137-1	200	258	108	189	40.03	cps
Beryllium	9-1	106	133	150	130	17.32	cps
Bismuth	209-1	6427327	6300414	6338200	6355314	1.03	cps
Bismuth	209-2	3482660	3543650	3112249	3379520	6.91	cps
Boron	10-1	1383	1325	1167	1292	8.68	cps
Boron	11-1	6994	6718	5876	6529	8.91	cps
Cadmium	111-1	2084	1884	1916	1962	5.47	cps
Cadmium	106-1	2892	2617	2700	2736	5.15	cps
Cadmium	108-1	4	8	17	10	65.47	cps
Calcium	43-1	550	567	500	539	6.44	cps
Calcium	44-1	85941	83753	82891	84195	1.87	cps
Chromium	52-2	937	970	920	942	2.70	cps
Cobalt	59-2	110	83	80	91	18.05	cps
Copper	63-2	1697	1660	1633	1663	1.91	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	25	33	22	57.29	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	150	58	92	100	46.40	cps
Gadolinium	160-2	63	53	40	52	22.41	cps
Holmium	165-1	10033261	9714675	9883796	9877244	1.61	cps
Holmium	165-2	4660358	4693028	4106980	4486789	7.34	cps
Indium	115-1	8232618	8105056	8188096	8175257	0.79	cps
Indium	115-2	1533527	1535105	1355020	1474551	7.02	cps
Iron	56-2	12856	12989	13023	12956	0.68	cps
Iron	57-2	450	439	472	454	3.74	cps
Lead	206-1	1239	1239	1067	1182	8.42	cps
Lead	207-1	972	1045	889	969	8.04	cps
Lead	208-1	4756	4750	4367	4625	4.82	cps
Lithium	6-1	688928	678387	683015	683444	0.77	cps
Magnesium	24-2	892	1042	1108	1014	10.95	cps
Manganese	55-2	103	77	103	94	16.30	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CCB020	Instrumnet Name :	P7
Client Sample ID :	CCB020	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:32:06	DataFile Name :	018CCBE_P7101717-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1392	1600	1325	1439	9.97	cps
Molybdenum	95-1	1692	1642	1917	1750	8.37	cps
Molybdenum	96-1	2042	1834	1892	1922	5.59	cps
Molybdenum	97-1	1133	1092	1125	1117	1.97	cps
Molybdenum	98-1	2684	2634	2792	2703	2.99	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	143	110	127	127	13.16	cps
Phosphorus	31-2	142	233	200	192	24.21	cps
Potassium	39-2	58700	59704	58826	59077	0.93	cps
Rhodium	103-1	7844522	7846738	7803967	7831742	0.31	cps
Rhodium	103-2	3539155	3508853	3149806	3399272	6.37	cps
Scandium	45-1	5037556	4915495	4849244	4934099	1.94	cps
Scandium	45-2	248258	249799	219251	239103	7.20	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	126	98	102	109	13.88	cps
Selenium	82-1	160	53	143	119	48.36	cps
Silicon	28-1	415791	411051	408010	411618	0.95	cps
Silver	109-1	533	525	600	553	7.44	cps
Silver	107-1	650	500	408	519	23.49	cps
Sodium	23-2	56741	55512	54040	55431	2.44	cps
Strontium	86-1	800	867	842	836	4.03	cps
Strontium	88-1	467	283	217	322	40.18	cps
Sulfur	34-1	598896	606329	600583	601936	0.65	cps
Terbium	159-1	10478257	10161904	10261115	10300425	1.57	cps
Terbium	159-2	4589306	4594013	4075178	4419499	6.75	cps
Thallium	203-1	1117	1083	775	992	19.00	cps
Thallium	205-1	2492	2550	2142	2395	9.22	cps
Tin	118-1	1950	1917	1884	1917	1.74	cps
Titanium	47-1	158	208	258	208	24.00	cps
Uranium	238-1	358	317	400	358	11.63	cps
Vanadium	51-2	23	30	10	21	48.24	cps
Yttrium	89-1	8530047	8406548	8337433	8424676	1.16	cps
Yttrium	89-2	1225705	1237720	1086305	1183243	7.11	cps
Zinc	66-2	337	223	313	291	20.56	cps
Zirconium	90-1	1342	1292	1392	1342	3.73	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CCB020	Instrumnet Name :	P7
Client Sample ID :	CCB020	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:32:06	DataFile Name :	018CCBE_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	333	258	400	331	21.44	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:35:34	DataFile Name :	019SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1692	1750	1775	1739	2.46	cps
Antimony	121-1	18313	17478	18129	17973	2.44	cps
Arsenic	75-2	341	350	276	322	12.53	cps
Barium	135-1	15467	14633	14517	14872	3.49	cps
Barium	137-1	25449	25524	25933	25636	1.02	cps
Beryllium	9-1	1106	1150	1050	1102	4.55	cps
Bismuth	209-1	6207382	6098067	6133178	6146209	0.91	cps
Bismuth	209-2	3381118	3410242	3431190	3407517	0.74	cps
Boron	10-1	3826	4201	3934	3987	4.84	cps
Boron	11-1	20907	21074	20423	20801	1.63	cps
Cadmium	111-1	3347	3505	3711	3521	5.18	cps
Cadmium	106-1	2742	2684	2867	2764	3.39	cps
Cadmium	108-1	175	158	138	157	11.97	cps
Calcium	43-1	9795	9320	10262	9793	4.81	cps
Calcium	44-1	224883	226788	227888	226520	0.67	cps
Chromium	52-2	5628	5998	5815	5813	3.18	cps
Cobalt	59-2	3897	3624	3694	3738	3.80	cps
Copper	63-2	6865	6955	6988	6936	0.92	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	58	33	25	39	44.62	cps
Erbium	164-2	17	17	7	13	43.29	cps
Gadolinium	160-1	67	100	83	83	20.00	cps
Gadolinium	160-2	47	87	57	63	32.87	cps
Holmium	165-1	9718714	9598131	9498937	9605260	1.15	cps
Holmium	165-2	4496582	4510055	4584581	4530406	1.05	cps
Indium	115-1	7957388	8005936	8010776	7991367	0.37	cps
Indium	115-2	1483796	1514643	1517113	1505184	1.23	cps
Iron	56-2	102540	104363	106864	104589	2.08	cps
Iron	57-2	2828	2700	3128	2886	7.61	cps
Lead	206-1	5868	5835	5701	5801	1.52	cps
Lead	207-1	4834	5312	4912	5020	5.11	cps
Lead	208-1	23203	23520	23003	23242	1.12	cps
Lithium	6-1	657678	651228	668478	659128	1.32	cps
Magnesium	24-2	78339	79879	81942	80053	2.26	cps
Manganese	55-2	1353	1383	1420	1386	2.41	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:35:34	DataFile Name :	019SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	15083	14358	14591	14678	2.52	cps
Molybdenum	95-1	16794	16210	16936	16646	2.31	cps
Molybdenum	96-1	19322	19005	18663	18997	1.74	cps
Molybdenum	97-1	10679	10388	10938	10668	2.58	cps
Molybdenum	98-1	27427	26701	26167	26765	2.36	cps
Neodymium	150-1	7	27	13	16	65.47	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1223	1177	1247	1216	2.93	cps
Phosphorus	31-2	233	258	258	250	5.78	cps
Potassium	39-2	133075	133857	136043	134325	1.15	cps
Rhodium	103-1	7541039	7543498	7641722	7575420	0.76	cps
Rhodium	103-2	3455184	3469007	3520190	3481461	0.98	cps
Scandium	45-1	4705782	4808029	4793452	4769088	1.16	cps
Scandium	45-2	242800	242960	247076	244279	0.99	cps
Selenium	77-2	43	33	27	34	24.35	cps
Selenium	78-2	178	183	202	188	6.72	cps
Selenium	82-1	698	718	662	693	4.10	cps
Silicon	28-1	480451	476705	476109	477755	0.49	cps
Silver	109-1	8378	8236	8920	8511	4.24	cps
Silver	107-1	8478	8620	8945	8681	2.76	cps
Sodium	23-2	204586	203748	204941	204425	0.30	cps
Strontium	86-1	2917	2425	2775	2706	9.36	cps
Strontium	88-1	18621	17662	18162	18148	2.64	cps
Sulfur	34-1	616363	616193	618247	616934	0.18	cps
Terbium	159-1	9995542	9853238	9955356	9934712	0.74	cps
Terbium	159-2	4464890	4503507	4616182	4528193	1.74	cps
Thallium	203-1	6135	5835	6193	6054	3.18	cps
Thallium	205-1	14851	14976	14901	14909	0.42	cps
Tin	118-1	26601	27661	26701	26988	2.17	cps
Titanium	47-1	4576	4359	4534	4490	2.56	cps
Uranium	238-1	17980	18731	18238	18316	2.08	cps
Vanadium	51-2	8786	8713	8586	8695	1.16	cps
Yttrium	89-1	8179134	8280112	8233008	8230751	0.61	cps
Yttrium	89-2	1202827	1198484	1218502	1206604	0.87	cps
Zinc	66-2	1163	1193	1183	1180	1.29	cps
Zirconium	90-1	14541	14533	14550	14541	0.06	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:35:34	DataFile Name :	019SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3175	3159	3459	3264	5.17	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	PB103327BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:39:02	DataFile Name :	020CCBE_P7101717-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	167	125	158	18.97	cps
Antimony	121-1	1775	1842	1842	1820	2.12	cps
Arsenic	75-2	26	13	17	19	36.07	cps
Barium	135-1	133	125	117	125	6.67	cps
Barium	137-1	200	208	183	197	6.46	cps
Beryllium	9-1	117	61	67	81	37.55	cps
Bismuth	209-1	6238637	6266835	6162223	6222565	0.87	cps
Bismuth	209-2	3412531	3473020	3526709	3470754	1.65	cps
Boron	10-1	567	558	575	567	1.47	cps
Boron	11-1	2734	2875	2992	2867	4.51	cps
Cadmium	111-1	1713	1649	1701	1688	2.01	cps
Cadmium	106-1	2434	2334	2434	2400	2.41	cps
Cadmium	108-1	4	25	33	21	72.10	cps
Calcium	43-1	558	617	500	558	10.45	cps
Calcium	44-1	81374	81374	80058	80935	0.94	cps
Chromium	52-2	1000	1023	1053	1026	2.61	cps
Cobalt	59-2	63	80	107	83	26.23	cps
Copper	63-2	1323	1530	1497	1450	7.65	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	42	25	50	39	32.73	cps
Erbium	164-2	3	20	17	13	66.16	cps
Gadolinium	160-1	75	83	108	89	19.52	cps
Gadolinium	160-2	73	67	77	72	7.05	cps
Holmium	165-1	9665582	9735725	9867030	9756112	1.05	cps
Holmium	165-2	4556274	4584272	4655485	4598677	1.11	cps
Indium	115-1	8021199	8009321	8087915	8039478	0.53	cps
Indium	115-2	1501310	1522429	1545034	1522924	1.44	cps
Iron	56-2	10009	9398	9781	9729	3.18	cps
Iron	57-2	367	472	467	435	13.65	cps
Lead	206-1	895	917	1006	939	6.26	cps
Lead	207-1	767	861	867	832	6.76	cps
Lead	208-1	3667	3650	3945	3754	4.41	cps
Lithium	6-1	656379	662481	659049	659303	0.46	cps
Magnesium	24-2	842	800	758	800	5.21	cps
Manganese	55-2	73	103	137	104	30.34	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	PB103327BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:39:02	DataFile Name :	020CCBE_P7101717-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	575	642	683	633	8.63	cps
Molybdenum	95-1	508	417	608	511	18.76	cps
Molybdenum	96-1	725	567	758	683	14.99	cps
Molybdenum	97-1	358	400	375	378	5.55	cps
Molybdenum	98-1	808	958	900	889	8.51	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	123	147	160	143	12.95	cps
Phosphorus	31-2	142	225	175	181	23.23	cps
Potassium	39-2	56224	58089	58634	57649	2.19	cps
Rhodium	103-1	7664487	7652176	7711831	7676165	0.41	cps
Rhodium	103-2	3481703	3545316	3593335	3540118	1.58	cps
Scandium	45-1	4873516	4853905	4886537	4871319	0.34	cps
Scandium	45-2	247606	248470	250766	248947	0.66	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	69	98	122	96	27.93	cps
Selenium	82-1	57	-53	116	40	213.84	cps
Silicon	28-1	410467	408292	407978	408913	0.33	cps
Silver	109-1	208	317	242	256	21.71	cps
Silver	107-1	367	208	308	294	27.20	cps
Sodium	23-2	48287	49290	49466	49014	1.30	cps
Strontium	86-1	900	958	750	870	12.36	cps
Strontium	88-1	442	408	433	428	4.05	cps
Sulfur	34-1	627106	632875	629553	629845	0.46	cps
Terbium	159-1	10024957	10020922	10089312	10045064	0.38	cps
Terbium	159-2	4525210	4624048	4621494	4590251	1.23	cps
Thallium	203-1	350	408	400	386	8.17	cps
Thallium	205-1	758	717	750	742	2.97	cps
Tin	118-1	917	942	975	945	3.10	cps
Titanium	47-1	225	183	192	200	11.02	cps
Uranium	238-1	242	217	200	219	9.56	cps
Vanadium	51-2	13	33	23	23	42.86	cps
Yttrium	89-1	8378687	8352604	8313069	8348120	0.40	cps
Yttrium	89-2	1213951	1219536	1248546	1227344	1.51	cps
Zinc	66-2	297	343	337	326	7.75	cps
Zirconium	90-1	858	842	1017	906	10.67	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	PB103327BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:39:02	DataFile Name :	020CCBE_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	142	217	175	21.82	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	PB103327BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:42:31	DataFile Name :	021LCSE_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2800	2842	2642	2761	3.82	cps
Antimony	121-1	32013	31636	32839	32163	1.91	cps
Arsenic	75-2	633	715	683	677	6.07	cps
Barium	135-1	31153	30635	31311	31033	1.14	cps
Barium	137-1	54090	53329	55077	54165	1.62	cps
Beryllium	9-1	2161	2361	2322	2282	4.65	cps
Bismuth	209-1	6108227	6137967	6136523	6127572	0.27	cps
Bismuth	209-2	3359560	3365715	3404660	3376645	0.72	cps
Boron	10-1	3050	3292	3009	3117	4.91	cps
Boron	11-1	16293	17127	16852	16757	2.54	cps
Cadmium	111-1	3290	2932	3123	3115	5.74	cps
Cadmium	106-1	2917	2542	2709	2723	6.90	cps
Cadmium	108-1	146	121	117	128	12.35	cps
Calcium	43-1	19664	19948	19497	19703	1.16	cps
Calcium	44-1	388816	388544	381190	386183	1.12	cps
Chromium	52-2	10724	10557	10424	10568	1.42	cps
Cobalt	59-2	7672	7732	8099	7834	2.95	cps
Copper	63-2	12329	12342	12679	12450	1.59	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	33	33	31	15.75	cps
Erbium	164-2	17	13	10	13	25.01	cps
Gadolinium	160-1	33	42	67	47	36.74	cps
Gadolinium	160-2	67	77	80	74	9.32	cps
Holmium	165-1	9505875	9617223	9586335	9569811	0.60	cps
Holmium	165-2	4504659	4522501	4544341	4523834	0.44	cps
Indium	115-1	7917672	7943067	7874355	7911698	0.44	cps
Indium	115-2	1463833	1482354	1487246	1477811	0.84	cps
Iron	56-2	755043	769057	774872	766324	1.33	cps
Iron	57-2	18868	19786	19230	19295	2.40	cps
Lead	206-1	10238	11016	11133	10795	4.51	cps
Lead	207-1	9543	9971	9337	9617	3.36	cps
Lead	208-1	42856	44397	43535	43596	1.77	cps
Lithium	6-1	639371	640802	648828	643000	0.79	cps
Magnesium	24-2	167240	167468	170576	168428	1.11	cps
Manganese	55-2	2500	2730	2880	2704	7.08	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	PB103327BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:42:31	DataFile Name :	021LCSE_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	27010	29097	27745	27950	3.79	cps
Molybdenum	95-1	32521	34727	33181	33476	3.38	cps
Molybdenum	96-1	37626	37375	37057	37353	0.76	cps
Molybdenum	97-1	20332	20616	20816	20588	1.18	cps
Molybdenum	98-1	53518	53551	55000	54023	1.57	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	2337	2257	2180	2258	3.47	cps
Phosphorus	31-2	192	175	142	169	15.03	cps
Potassium	39-2	219071	217428	222652	219717	1.22	cps
Rhodium	103-1	7507175	7614442	7414177	7511932	1.33	cps
Rhodium	103-2	3404758	3455629	3478764	3446383	1.10	cps
Scandium	45-1	4691883	4763211	4737166	4730753	0.76	cps
Scandium	45-2	240577	242304	244408	242430	0.79	cps
Selenium	77-2	83	83	50	72	26.65	cps
Selenium	78-2	276	256	328	286	13.00	cps
Selenium	82-1	1453	1385	1296	1378	5.68	cps
Silicon	28-1	460289	459492	458390	459390	0.21	cps
Silver	109-1	16961	17194	17061	17072	0.69	cps
Silver	107-1	17261	18396	18396	18018	3.64	cps
Sodium	23-2	359291	362236	361786	361104	0.44	cps
Strontium	86-1	5385	5535	5101	5340	4.12	cps
Strontium	88-1	38235	36806	37651	37564	1.91	cps
Sulfur	34-1	625363	629964	623472	626266	0.53	cps
Terbium	159-1	10009164	9956884	9964776	9976941	0.28	cps
Terbium	159-2	4456003	4508496	4541932	4502144	0.96	cps
Thallium	203-1	12356	13040	12289	12562	3.31	cps
Thallium	205-1	30745	30026	29985	30252	1.41	cps
Tin	118-1	54757	54507	54205	54490	0.51	cps
Titanium	47-1	9579	9537	9095	9403	2.85	cps
Uranium	238-1	39988	39762	40614	40121	1.10	cps
Vanadium	51-2	18786	18498	18595	18626	0.78	cps
Yttrium	89-1	8178116	8069076	8193151	8146781	0.83	cps
Yttrium	89-2	1187734	1198588	1205716	1197346	0.76	cps
Zinc	66-2	1870	1900	1860	1877	1.11	cps
Zirconium	90-1	24881	24647	25290	24939	1.30	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	PB103327BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:42:31	DataFile Name :	021LCSE_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5168	5026	5651	5282	6.21	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	PB103342BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:46:17	DataFile Name :	022CCBE_P7101717-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	158	133	119	39.67	cps
Antimony	121-1	875	817	1075	922	14.69	cps
Arsenic	75-2	9	20	4	11	76.40	cps
Barium	135-1	108	83	25	72	59.21	cps
Barium	137-1	125	100	125	117	12.38	cps
Beryllium	9-1	28	28	100	52	80.41	cps
Bismuth	209-1	6251131	6244975	6213925	6236677	0.32	cps
Bismuth	209-2	3339703	3345377	3404269	3363116	1.06	cps
Boron	10-1	358	317	317	331	7.28	cps
Boron	11-1	1558	1950	1759	1756	11.16	cps
Cadmium	111-1	1746	1693	1670	1703	2.31	cps
Cadmium	106-1	2475	2384	2350	2403	2.69	cps
Cadmium	108-1	4	13	13	10	49.46	cps
Calcium	43-1	392	650	417	486	29.31	cps
Calcium	44-1	77394	78232	79086	78238	1.08	cps
Chromium	52-2	1013	993	947	985	3.48	cps
Cobalt	59-2	90	63	67	73	19.81	cps
Copper	63-2	1310	1423	1263	1332	6.18	cps
Dysprosium	156-1	33	25	0	19	89.21	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	33	17	42	31	41.66	cps
Erbium	164-2	3	7	27	12	103.26	cps
Gadolinium	160-1	33	58	42	44	28.65	cps
Gadolinium	160-2	67	63	77	69	10.08	cps
Holmium	165-1	9845142	9716050	9700414	9753869	0.81	cps
Holmium	165-2	4427304	4491949	4567123	4495459	1.56	cps
Indium	115-1	8175110	8002863	8011286	8063086	1.20	cps
Indium	115-2	1470542	1483765	1500598	1484968	1.01	cps
Iron	56-2	7169	7358	6752	7093	4.37	cps
Iron	57-2	356	400	317	357	11.67	cps
Lead	206-1	778	656	756	730	8.92	cps
Lead	207-1	733	656	600	663	10.10	cps
Lead	208-1	3222	2895	2950	3022	5.80	cps
Lithium	6-1	659322	655517	652217	655685	0.54	cps
Magnesium	24-2	567	483	475	508	9.97	cps
Manganese	55-2	93	90	83	89	5.73	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	PB103342BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:46:17	DataFile Name :	022CCBE_P7101717-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	358	500	425	428	16.57	cps
Molybdenum	95-1	275	225	325	275	18.18	cps
Molybdenum	96-1	425	467	425	439	5.48	cps
Molybdenum	97-1	275	200	208	228	18.05	cps
Molybdenum	98-1	392	417	583	464	22.46	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	123	127	160	137	14.83	cps
Phosphorus	31-2	225	117	233	192	33.96	cps
Potassium	39-2	54325	55112	53965	54467	1.08	cps
Rhodium	103-1	7796804	7778236	7701204	7758748	0.65	cps
Rhodium	103-2	3428744	3425602	3491832	3448726	1.08	cps
Scandium	45-1	4822502	4747793	4797688	4789328	0.79	cps
Scandium	45-2	241536	240888	244403	242276	0.77	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	102	81	93	92	11.09	cps
Selenium	82-1	79	56	54	63	22.04	cps
Silicon	28-1	408001	410059	411177	409746	0.39	cps
Silver	109-1	208	133	208	183	23.62	cps
Silver	107-1	225	183	133	181	25.42	cps
Sodium	23-2	43815	43480	42369	43221	1.75	cps
Strontium	86-1	800	917	842	853	6.93	cps
Strontium	88-1	333	233	325	297	18.67	cps
Sulfur	34-1	618985	616959	617257	617734	0.18	cps
Terbium	159-1	10085268	9988535	10117599	10063801	0.67	cps
Terbium	159-2	4460214	4441745	4590026	4497328	1.80	cps
Thallium	203-1	308	250	192	250	23.33	cps
Thallium	205-1	458	467	408	444	7.10	cps
Tin	118-1	742	808	942	831	12.26	cps
Titanium	47-1	150	142	167	153	8.33	cps
Uranium	238-1	167	158	133	153	11.36	cps
Vanadium	51-2	10	30	13	18	60.28	cps
Yttrium	89-1	8255044	8243514	8360757	8286438	0.78	cps
Yttrium	89-2	1190068	1183039	1215698	1196269	1.44	cps
Zinc	66-2	313	240	313	289	14.65	cps
Zirconium	90-1	675	658	767	700	8.33	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	PB103342BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:46:17	DataFile Name :	022CCBE_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	208	167	208	194	12.37	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	PB103342BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:49:44	DataFile Name :	023LCSE_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3000	2775	2775	2850	4.56	cps
Antimony	121-1	31169	33006	32146	32107	2.86	cps
Arsenic	75-2	674	639	694	669	4.20	cps
Barium	135-1	30702	30869	31395	30988	1.17	cps
Barium	137-1	53672	53713	53002	53462	0.75	cps
Beryllium	9-1	2222	2367	2145	2245	5.02	cps
Bismuth	209-1	6079254	6152272	6185700	6139075	0.89	cps
Bismuth	209-2	3318437	3416697	3416592	3383909	1.68	cps
Boron	10-1	3025	3059	2917	3000	2.47	cps
Boron	11-1	15992	15909	15709	15870	0.92	cps
Cadmium	111-1	2708	2746	2455	2637	6.00	cps
Cadmium	106-1	2859	2967	2409	2745	10.79	cps
Cadmium	108-1	121	92	92	101	16.61	cps
Calcium	43-1	19105	19530	19455	19363	1.17	cps
Calcium	44-1	383824	386832	388244	386300	0.58	cps
Chromium	52-2	10347	10397	10501	10415	0.75	cps
Cobalt	59-2	7312	7295	7906	7504	4.63	cps
Copper	63-2	12586	12349	12629	12521	1.20	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	8	25	19	49.50	cps
Erbium	164-2	7	3	17	9	78.08	cps
Gadolinium	160-1	92	92	75	86	11.18	cps
Gadolinium	160-2	67	100	57	74	30.48	cps
Holmium	165-1	9564712	9434668	9479384	9492921	0.70	cps
Holmium	165-2	4466966	4515390	4514242	4498866	0.61	cps
Indium	115-1	7950654	8066033	7893302	7969996	1.10	cps
Indium	115-2	1481173	1477079	1507451	1488568	1.11	cps
Iron	56-2	763064	762049	780222	768445	1.33	cps
Iron	57-2	18835	19168	19358	19120	1.38	cps
Lead	206-1	10193	10838	10299	10443	3.31	cps
Lead	207-1	9526	9342	9626	9498	1.51	cps
Lead	208-1	42450	44019	43335	43268	1.82	cps
Lithium	6-1	629055	640526	645450	638344	1.32	cps
Magnesium	24-2	166893	172829	167747	169156	1.90	cps
Manganese	55-2	2804	2794	2817	2805	0.42	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	PB103342BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:49:44	DataFile Name :	023LCSE_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	27411	27552	27795	27586	0.70	cps
Molybdenum	95-1	33549	32371	33824	33248	2.32	cps
Molybdenum	96-1	37216	36514	36598	36776	1.04	cps
Molybdenum	97-1	20716	20774	20240	20577	1.42	cps
Molybdenum	98-1	52858	53260	54163	53427	1.25	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	2347	2257	2260	2288	2.23	cps
Phosphorus	31-2	275	208	158	214	27.37	cps
Potassium	39-2	218088	219998	225606	221231	1.77	cps
Rhodium	103-1	7477350	7738797	7596359	7604169	1.72	cps
Rhodium	103-2	3402540	3465616	3511359	3459838	1.58	cps
Scandium	45-1	4744478	4755878	4766655	4755670	0.23	cps
Scandium	45-2	240843	244326	243665	242945	0.76	cps
Selenium	77-2	60	73	53	62	16.37	cps
Selenium	78-2	320	331	304	319	4.39	cps
Selenium	82-1	1303	1333	1297	1311	1.48	cps
Silicon	28-1	456652	455963	459457	457357	0.40	cps
Silver	109-1	17178	17086	16835	17033	1.04	cps
Silver	107-1	17762	17436	18279	17826	2.38	cps
Sodium	23-2	356316	360597	365149	360687	1.22	cps
Strontium	86-1	5226	5126	4926	5093	3.00	cps
Strontium	88-1	37091	37458	37709	37419	0.83	cps
Sulfur	34-1	639594	637892	633649	637045	0.48	cps
Terbium	159-1	9838134	9815465	9960220	9871273	0.79	cps
Terbium	159-2	4426848	4471357	4533691	4477299	1.20	cps
Thallium	203-1	12548	12907	12323	12593	2.34	cps
Thallium	205-1	30495	29776	28874	29715	2.73	cps
Tin	118-1	54072	55151	54465	54563	1.00	cps
Titanium	47-1	9595	9487	9295	9459	1.61	cps
Uranium	238-1	39143	38575	39729	39149	1.47	cps
Vanadium	51-2	18372	18782	18842	18665	1.37	cps
Yttrium	89-1	8126652	8269174	8120980	8172269	1.03	cps
Yttrium	89-2	1190454	1202551	1214847	1202617	1.01	cps
Zinc	66-2	2407	1977	1957	2114	12.03	cps
Zirconium	90-1	23612	23545	24238	23798	1.61	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	PB103342BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:49:44	DataFile Name :	023LCSE_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5610	5535	5826	5657	2.68	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-01	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:53:11	DataFile Name :	024SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	350	267	325	314	13.62	cps
Antimony	121-1	7035	7069	6452	6852	5.06	cps
Arsenic	75-2	4095	4115	4173	4128	0.98	cps
Barium	135-1	117722	119478	119771	118990	0.93	cps
Barium	137-1	208362	210799	204191	207784	1.61	cps
Beryllium	9-1	44	44	61	50	19.24	cps
Bismuth	209-1	6087142	6087900	6136630	6103891	0.46	cps
Bismuth	209-2	3257583	3300312	3325065	3294320	1.04	cps
Boron	10-1	53311	52617	52375	52768	0.92	cps
Boron	11-1	267437	275300	278077	273605	2.02	cps
Cadmium	111-1	1922	2029	1869	1940	4.20	cps
Cadmium	106-1	2592	2800	2584	2659	4.62	cps
Cadmium	108-1	25	21	21	22	10.84	cps
Calcium	43-1	2277433	2258016	2235449	2256966	0.93	cps
Calcium	44-1	37075557	36983276	36910216	36989683	0.22	cps
Chromium	52-2	2850	2920	2964	2911	1.96	cps
Cobalt	59-2	823	743	810	792	5.41	cps
Copper	63-2	7375	7435	7672	7494	2.09	cps
Dysprosium	156-1	200	217	225	214	5.95	cps
Dysprosium	156-2	83	127	93	101	22.44	cps
Erbium	164-1	33	58	33	42	34.65	cps
Erbium	164-2	20	23	17	20	16.65	cps
Gadolinium	160-1	192	317	375	294	31.81	cps
Gadolinium	160-2	180	197	180	186	5.19	cps
Holmium	165-1	10098085	10108798	9875559	10027481	1.31	cps
Holmium	165-2	4564618	4566036	4642256	4590970	0.97	cps
Indium	115-1	8295182	8373624	8147330	8272046	1.39	cps
Indium	115-2	1505533	1503125	1511987	1506882	0.30	cps
Iron	56-2	29842	29636	30956	30145	2.36	cps
Iron	57-2	4868	4907	4873	4882	0.43	cps
Lead	206-1	2406	2167	2261	2278	5.28	cps
Lead	207-1	1911	1961	2017	1963	2.69	cps
Lead	208-1	9680	9174	9057	9303	3.56	cps
Lithium	6-1	635209	639530	637117	637285	0.34	cps
Magnesium	24-2	11118808	11017047	11058727	11064860	0.46	cps
Manganese	55-2	29820	30281	30692	30265	1.44	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-01	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:53:11	DataFile Name :	024SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	24038	22902	23103	23348	2.60	cps
Molybdenum	95-1	38252	38219	38328	38266	0.15	cps
Molybdenum	96-1	42121	41068	40859	41350	1.64	cps
Molybdenum	97-1	24171	24447	25165	24594	2.09	cps
Molybdenum	98-1	63191	61860	62170	62407	1.12	cps
Neodymium	150-1	20	27	20	22	17.33	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	1400	1313	1343	1352	3.25	cps
Phosphorus	31-2	1175	1275	1450	1300	10.71	cps
Potassium	39-2	3176407	3124518	3151937	3150954	0.82	cps
Rhodium	103-1	7667427	7608947	7641347	7639240	0.38	cps
Rhodium	103-2	3382899	3378045	3401005	3387316	0.36	cps
Scandium	45-1	5106837	5116257	5026859	5083318	0.97	cps
Scandium	45-2	254648	251710	252954	253104	0.58	cps
Selenium	77-2	30	13	13	19	50.96	cps
Selenium	78-2	113	146	131	130	12.83	cps
Selenium	82-1	427	459	448	445	3.57	cps
Silicon	28-1	43804987	43328535	43605261	43579595	0.55	cps
Silver	109-1	2659	2725	2450	2611	5.49	cps
Silver	107-1	2417	2767	3326	2837	16.16	cps
Sodium	23-2	72263883	71244608	72195854	71901448	0.79	cps
Strontium	86-1	2642054	2633358	2654480	2643297	0.40	cps
Strontium	88-1	24154211	23869486	24045149	24022949	0.60	cps
Sulfur	34-1	3759586	3739251	3700169	3733002	0.81	cps
Terbium	159-1	10415402	10585248	10442291	10480980	0.87	cps
Terbium	159-2	4574806	4551288	4584305	4570133	0.37	cps
Thallium	203-1	767	433	483	561	32.04	cps
Thallium	205-1	1475	1208	1217	1300	11.66	cps
Tin	118-1	1317	1092	1183	1197	9.45	cps
Titanium	47-1	1042	1033	933	1003	6.01	cps
Uranium	238-1	204467	200991	203913	203124	0.92	cps
Vanadium	51-2	10677	10961	10724	10787	1.41	cps
Yttrium	89-1	8579843	8539105	8694342	8604430	0.94	cps
Yttrium	89-2	1223857	1218624	1231990	1224823	0.55	cps
Zinc	66-2	5564	5544	5745	5618	1.96	cps
Zirconium	90-1	4001	3609	3709	3773	5.39	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-01	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:53:11	DataFile Name :	024SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1075	792	750	872	20.28	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-02	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:56:37	DataFile Name :	025SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	250	375	408	344	24.24	cps
Antimony	121-1	5926	6260	5868	6018	3.51	cps
Arsenic	75-2	4190	4001	4140	4110	2.38	cps
Barium	135-1	119485	116755	117015	117751	1.28	cps
Barium	137-1	210610	204774	205096	206827	1.59	cps
Beryllium	9-1	56	89	33	59	47.19	cps
Bismuth	209-1	6081783	6092394	6138268	6104149	0.49	cps
Bismuth	209-2	3291047	3349057	3311645	3317250	0.89	cps
Boron	10-1	51831	53747	53227	52935	1.87	cps
Boron	11-1	270479	275954	276037	274157	1.16	cps
Cadmium	111-1	1943	1743	1945	1877	6.19	cps
Cadmium	106-1	2692	2384	2684	2586	6.79	cps
Cadmium	108-1	29	25	13	22	39.04	cps
Calcium	43-1	2220712	2185725	2174967	2193802	1.09	cps
Calcium	44-1	36446517	35733384	35829063	36002988	1.08	cps
Chromium	52-2	2897	2677	2590	2721	5.81	cps
Cobalt	59-2	927	943	793	888	9.26	cps
Copper	63-2	8096	8322	8212	8210	1.38	cps
Dysprosium	156-1	292	225	250	256	13.18	cps
Dysprosium	156-2	123	143	140	136	7.90	cps
Erbium	164-1	75	25	25	42	69.28	cps
Erbium	164-2	10	23	37	23	57.15	cps
Gadolinium	160-1	358	375	333	356	5.90	cps
Gadolinium	160-2	170	217	200	196	12.09	cps
Holmium	165-1	9833507	10070192	9943556	9949085	1.19	cps
Holmium	165-2	4577390	4616238	4610432	4601353	0.46	cps
Indium	115-1	8231644	8221828	8208947	8220807	0.14	cps
Indium	115-2	1507048	1511070	1504843	1507654	0.21	cps
Iron	56-2	29892	30015	30521	30143	1.11	cps
Iron	57-2	4801	4995	5423	5073	6.28	cps
Lead	206-1	2295	2167	2239	2234	2.87	cps
Lead	207-1	1922	1889	1778	1863	4.06	cps
Lead	208-1	9024	8579	8451	8685	3.46	cps
Lithium	6-1	653411	645816	649455	649560	0.58	cps
Magnesium	24-2	10887737	10950540	10862647	10900308	0.42	cps
Manganese	55-2	30071	29951	29961	29994	0.22	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-02	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:56:37	DataFile Name :	025SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	22869	22702	22535	22702	0.74	cps
Molybdenum	95-1	38720	37316	37909	37982	1.86	cps
Molybdenum	96-1	40667	40834	40342	40614	0.62	cps
Molybdenum	97-1	23253	23387	24071	23570	1.86	cps
Molybdenum	98-1	63375	61659	61885	62307	1.50	cps
Neodymium	150-1	33	33	20	29	26.64	cps
Neodymium	150-2	3	10	23	12	83.33	cps
Nickel	60-2	1383	1460	1337	1393	4.47	cps
Phosphorus	31-2	1267	1283	1158	1236	5.49	cps
Potassium	39-2	3104152	3113895	3089213	3102420	0.40	cps
Rhodium	103-1	7602564	7546385	7606196	7585048	0.44	cps
Rhodium	103-2	3390227	3394724	3388504	3391152	0.09	cps
Scandium	45-1	4966017	4851989	4920731	4912912	1.17	cps
Scandium	45-2	247994	248769	249528	248764	0.31	cps
Selenium	77-2	7	10	23	13	66.12	cps
Selenium	78-2	131	137	148	139	6.11	cps
Selenium	82-1	442	387	320	383	15.88	cps
Silicon	28-1	42512370	42859963	42959447	42777260	0.55	cps
Silver	109-1	2867	3009	2817	2898	3.43	cps
Silver	107-1	2959	3067	3167	3064	3.40	cps
Sodium	23-2	71687560	71429735	71583641	71566979	0.18	cps
Strontium	86-1	2620929	2598249	2607706	2608961	0.44	cps
Strontium	88-1	23500905	23377736	23365061	23414568	0.32	cps
Sulfur	34-1	3664784	3629328	3663269	3652460	0.55	cps
Terbium	159-1	10499677	10391214	10316693	10402528	0.88	cps
Terbium	159-2	4534447	4571357	4573914	4559906	0.48	cps
Thallium	203-1	317	342	292	317	7.90	cps
Thallium	205-1	892	600	808	767	19.60	cps
Tin	118-1	975	1017	867	953	8.13	cps
Titanium	47-1	867	1025	883	925	9.41	cps
Uranium	238-1	205763	204479	207463	205902	0.73	cps
Vanadium	51-2	11034	10914	10994	10981	0.56	cps
Yttrium	89-1	8557645	8485356	8346306	8463102	1.27	cps
Yttrium	89-2	1220398	1221286	1219714	1220466	0.06	cps
Zinc	66-2	5421	5701	5805	5642	3.52	cps
Zirconium	90-1	2184	2000	2225	2136	5.60	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-02	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 11:56:37	DataFile Name :	025SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	575	567	475	539	10.30	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-01LX5	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-17 12:00:02	DataFile Name :	026SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217	108	133	153	37.13	cps
Antimony	121-1	1408	1275	1442	1375	6.41	cps
Arsenic	75-2	733	778	800	770	4.41	cps
Barium	135-1	22619	22077	22310	22335	1.22	cps
Barium	137-1	39416	39666	39808	39630	0.50	cps
Beryllium	9-1	56	61	39	52	22.30	cps
Bismuth	209-1	6032241	6137630	6162845	6110905	1.13	cps
Bismuth	209-2	3324540	3365441	3331643	3340541	0.65	cps
Boron	10-1	11013	11313	11580	11302	2.51	cps
Boron	11-1	57419	58447	58790	58219	1.23	cps
Cadmium	111-1	1801	1832	1647	1760	5.63	cps
Cadmium	106-1	2534	2584	2334	2484	5.33	cps
Cadmium	108-1	8	8	17	11	43.34	cps
Calcium	43-1	411810	421722	417096	416876	1.19	cps
Calcium	44-1	6693461	6931356	6881050	6835289	1.83	cps
Chromium	52-2	1447	1360	1330	1379	4.39	cps
Cobalt	59-2	160	220	187	189	15.92	cps
Copper	63-2	3480	3497	3414	3464	1.27	cps
Dysprosium	156-1	67	42	42	50	28.87	cps
Dysprosium	156-2	27	13	13	18	43.33	cps
Erbium	164-1	25	83	42	50	60.09	cps
Erbium	164-2	17	17	10	14	26.66	cps
Gadolinium	160-1	150	167	75	131	37.40	cps
Gadolinium	160-2	103	80	110	98	16.11	cps
Holmium	165-1	9678959	9658540	9824545	9720681	0.93	cps
Holmium	165-2	4436342	4547561	4525845	4503249	1.31	cps
Indium	115-1	7810911	7954530	7975814	7913752	1.13	cps
Indium	115-2	1451214	1466352	1460864	1459477	0.53	cps
Iron	56-2	11938	11872	11505	11772	1.98	cps
Iron	57-2	1200	1200	1256	1219	2.63	cps
Lead	206-1	1039	989	1083	1037	4.56	cps
Lead	207-1	867	1017	833	906	10.78	cps
Lead	208-1	4023	4056	4039	4039	0.41	cps
Lithium	6-1	640265	638040	638495	638933	0.18	cps
Magnesium	24-2	2020327	2031005	2018941	2023424	0.33	cps
Manganese	55-2	5941	5725	5785	5817	1.92	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-01LX5	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-17 12:00:02	DataFile Name :	026SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4092	4009	4784	4295	9.91	cps
Molybdenum	95-1	7135	6952	7185	7091	1.73	cps
Molybdenum	96-1	7769	7936	8161	7955	2.47	cps
Molybdenum	97-1	4576	4301	4668	4515	4.23	cps
Molybdenum	98-1	11747	11630	12172	11850	2.41	cps
Neodymium	150-1	33	0	20	18	94.37	cps
Neodymium	150-2	7	0	10	6	91.64	cps
Nickel	60-2	317	397	403	372	12.96	cps
Phosphorus	31-2	450	350	375	392	13.29	cps
Potassium	39-2	629956	630869	629679	630168	0.10	cps
Rhodium	103-1	7372021	7514916	7398605	7428514	1.02	cps
Rhodium	103-2	3388715	3424909	3365447	3393024	0.88	cps
Scandium	45-1	4702129	4769672	4747023	4739608	0.73	cps
Scandium	45-2	237716	240736	239362	239271	0.63	cps
Selenium	77-2	13	3	3	7	86.65	cps
Selenium	78-2	111	102	87	100	12.14	cps
Selenium	82-1	207	94	225	176	40.56	cps
Silicon	28-1	8191906	8421274	8259735	8290972	1.42	cps
Silver	109-1	1192	1392	1083	1222	12.80	cps
Silver	107-1	1308	1375	1300	1328	3.10	cps
Sodium	23-2	13420704	13354556	13372759	13382673	0.26	cps
Strontium	86-1	491544	491674	492467	491895	0.10	cps
Strontium	88-1	4276802	4303943	4353954	4311566	0.91	cps
Sulfur	34-1	1335581	1347779	1341513	1341624	0.45	cps
Terbium	159-1	9950530	10028162	10123097	10033930	0.86	cps
Terbium	159-2	4460840	4511003	4503968	4491937	0.60	cps
Thallium	203-1	125	150	158	144	12.01	cps
Thallium	205-1	292	333	292	306	7.87	cps
Tin	118-1	867	767	825	820	6.13	cps
Titanium	47-1	475	367	250	364	30.92	cps
Uranium	238-1	39386	38901	39904	39397	1.27	cps
Vanadium	51-2	1987	2097	1903	1996	4.86	cps
Yttrium	89-1	8046456	8137641	8223230	8135776	1.09	cps
Yttrium	89-2	1176993	1194324	1180420	1183913	0.78	cps
Zinc	66-2	1547	1477	1420	1481	4.28	cps
Zirconium	90-1	750	783	958	831	13.47	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-01LX5	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-17 12:00:02	DataFile Name :	026SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	208	192	186	13.68	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-03	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:03:29	DataFile Name :	027SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	141370	144678	143391	143146	1.17	cps
Antimony	121-1	877275	868266	872649	872730	0.52	cps
Arsenic	75-2	17194	17789	17459	17480	1.71	cps
Barium	135-1	3613409	3650491	3611845	3625248	0.60	cps
Barium	137-1	6619798	6505749	6522870	6549472	0.94	cps
Beryllium	9-1	56673	56333	57225	56743	0.79	cps
Bismuth	209-1	6133836	6078357	6182097	6131430	0.85	cps
Bismuth	209-2	3235288	3290665	3326604	3284186	1.40	cps
Boron	10-1	52292	52492	53713	52832	1.46	cps
Boron	11-1	272712	273137	280624	275491	1.62	cps
Cadmium	111-1	98547	99230	98056	98611	0.60	cps
Cadmium	106-1	11288	11046	11280	11205	1.23	cps
Cadmium	108-1	6197	6214	6243	6218	0.37	cps
Calcium	43-1	2182736	2177254	2200891	2186961	0.57	cps
Calcium	44-1	35741649	35759775	35998746	35833390	0.40	cps
Chromium	52-2	490425	496444	495117	493995	0.64	cps
Cobalt	59-2	1971048	1991055	2007399	1989834	0.91	cps
Copper	63-2	736844	743689	747306	742613	0.72	cps
Dysprosium	156-1	217	333	167	239	35.80	cps
Dysprosium	156-2	140	120	133	131	7.77	cps
Erbium	164-1	67	33	50	50	33.34	cps
Erbium	164-2	47	40	13	33	52.92	cps
Gadolinium	160-1	333	242	317	297	16.43	cps
Gadolinium	160-2	167	197	200	188	9.78	cps
Holmium	165-1	10015233	9854519	10155585	10008446	1.51	cps
Holmium	165-2	4541596	4515198	4610750	4555848	1.08	cps
Indium	115-1	8113200	8016008	8117144	8082117	0.71	cps
Indium	115-2	1449142	1467654	1482532	1466442	1.14	cps
Iron	56-2	2024308	2041221	2037722	2034417	0.44	cps
Iron	57-2	53303	55277	54351	54310	1.82	cps
Lead	206-1	111984	108769	111185	110646	1.51	cps
Lead	207-1	98832	97220	99073	98375	1.02	cps
Lead	208-1	448382	439070	445125	444192	1.06	cps
Lithium	6-1	653767	652316	666408	657497	1.18	cps
Magnesium	24-2	10565382	10687734	10730785	10661301	0.80	cps
Manganese	55-2	700408	703281	703810	702500	0.26	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-03	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:03:29	DataFile Name :	027SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	22527	22285	23237	22683	2.18	cps
Molybdenum	95-1	37976	37726	39338	38347	2.26	cps
Molybdenum	96-1	41529	40801	40550	40960	1.24	cps
Molybdenum	97-1	24948	23963	24681	24530	2.08	cps
Molybdenum	98-1	60488	61217	61886	61197	1.14	cps
Neodymium	150-1	173	267	233	224	21.07	cps
Neodymium	150-2	17	23	7	16	53.90	cps
Nickel	60-2	528817	530432	532765	530671	0.37	cps
Phosphorus	31-2	1125	1375	1167	1222	10.96	cps
Potassium	39-2	2962499	2989396	3007537	2986477	0.76	cps
Rhodium	103-1	7489133	7401348	7543719	7478067	0.96	cps
Rhodium	103-2	3305332	3340867	3363863	3336687	0.88	cps
Scandium	45-1	4858976	4863342	4884348	4868889	0.28	cps
Scandium	45-2	237396	239983	239735	239038	0.60	cps
Selenium	77-2	600	610	670	627	6.04	cps
Selenium	78-2	2161	2248	2317	2242	3.48	cps
Selenium	82-1	13487	14037	13932	13819	2.11	cps
Silicon	28-1	42361885	42244881	42511853	42372873	0.32	cps
Silver	109-1	106743	106298	108170	107070	0.91	cps
Silver	107-1	112873	112781	114394	113349	0.80	cps
Sodium	23-2	69010906	69626472	69812041	69483140	0.60	cps
Strontium	86-1	2635905	2628645	2664381	2642977	0.71	cps
Strontium	88-1	23667635	23403866	24090659	23720720	1.46	cps
Sulfur	34-1	3609560	3565307	3620329	3598399	0.81	cps
Terbium	159-1	10423396	10482430	10513821	10473216	0.44	cps
Terbium	159-2	4507339	4535302	4567650	4536763	0.67	cps
Thallium	203-1	334719	335482	333579	334593	0.29	cps
Thallium	205-1	802008	793495	812046	802516	1.16	cps
Tin	118-1	883	1175	1092	1050	14.31	cps
Titanium	47-1	1033	1100	958	1031	6.88	cps
Uranium	238-1	211855	209039	210350	210415	0.67	cps
Vanadium	51-2	1021618	1028631	1032347	1027532	0.53	cps
Yttrium	89-1	8434468	8358573	8547842	8446961	1.13	cps
Yttrium	89-2	1170841	1186614	1186449	1181302	0.77	cps
Zinc	66-2	216157	216957	221177	218097	1.24	cps
Zirconium	90-1	1992	1817	1959	1922	4.83	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-03	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:03:29	DataFile Name :	027SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	500	375	600	492	22.93	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-04	Instrumnet Name :	P7
Client Sample ID :	MH0AZ2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:06:54	DataFile Name :	028SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	375	317	300	331	11.91	cps
Antimony	121-1	6052	5660	5676	5796	3.82	cps
Arsenic	75-2	3547	3547	3343	3479	3.38	cps
Barium	135-1	115311	116343	115729	115794	0.45	cps
Barium	137-1	202151	204107	199161	201806	1.23	cps
Beryllium	9-1	50	39	78	56	36.06	cps
Bismuth	209-1	6277440	6282488	6263165	6274364	0.16	cps
Bismuth	209-2	3241323	3286966	3314124	3280804	1.12	cps
Boron	10-1	48671	49682	49097	49150	1.03	cps
Boron	11-1	247953	249603	253120	250226	1.05	cps
Cadmium	111-1	2079	2038	1969	2029	2.75	cps
Cadmium	106-1	2817	2767	2700	2762	2.12	cps
Cadmium	108-1	25	17	13	18	35.25	cps
Calcium	43-1	2002450	2014649	1984336	2000478	0.76	cps
Calcium	44-1	32874272	32853280	33154931	32960827	0.51	cps
Chromium	52-2	2280	2437	2147	2288	6.35	cps
Cobalt	59-2	883	753	873	837	8.65	cps
Copper	63-2	13957	13833	13727	13839	0.83	cps
Dysprosium	156-1	458	525	467	483	7.51	cps
Dysprosium	156-2	223	243	293	253	14.23	cps
Erbium	164-1	50	50	50	50	0.00	cps
Erbium	164-2	17	10	23	17	39.99	cps
Gadolinium	160-1	750	642	592	661	12.24	cps
Gadolinium	160-2	357	393	383	378	5.02	cps
Holmium	165-1	10121695	10071830	10151961	10115162	0.40	cps
Holmium	165-2	4551649	4548420	4565906	4555325	0.20	cps
Indium	115-1	8119260	8120630	7981107	8073666	0.99	cps
Indium	115-2	1438500	1454868	1463183	1452184	0.86	cps
Iron	56-2	25795	25756	25951	25834	0.40	cps
Iron	57-2	4078	4284	4462	4275	4.49	cps
Lead	206-1	2211	2106	2250	2189	3.42	cps
Lead	207-1	2022	1884	1934	1947	3.61	cps
Lead	208-1	9190	8679	9335	9068	3.80	cps
Lithium	6-1	677439	675419	660647	671168	1.37	cps
Magnesium	24-2	9108563	9057366	9079172	9081700	0.28	cps
Manganese	55-2	21893	21633	22354	21960	1.66	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-04	Instrumnet Name :	P7
Client Sample ID :	MH0AZ2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:06:54	DataFile Name :	028SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	19564	19581	20249	19798	1.97	cps
Molybdenum	95-1	33181	33348	33474	33334	0.44	cps
Molybdenum	96-1	37074	34209	35787	35690	4.02	cps
Molybdenum	97-1	20632	20432	20432	20499	0.57	cps
Molybdenum	98-1	52582	51352	51770	51901	1.20	cps
Neodymium	150-1	7	13	40	20	88.19	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	1307	1317	1247	1290	2.94	cps
Phosphorus	31-2	3634	3342	3417	3464	4.37	cps
Potassium	39-2	2846287	2855944	2857708	2853313	0.22	cps
Rhodium	103-1	7597537	7453682	7455282	7502167	1.10	cps
Rhodium	103-2	3296713	3331195	3360433	3329447	0.96	cps
Scandium	45-1	4897695	4884548	4871144	4884462	0.27	cps
Scandium	45-2	237750	236608	241495	238618	1.07	cps
Selenium	77-2	33	30	17	27	33.06	cps
Selenium	78-2	133	113	131	126	8.95	cps
Selenium	82-1	318	407	365	364	12.28	cps
Silicon	28-1	38766663	38936992	38398670	38700775	0.71	cps
Silver	109-1	2559	2909	2742	2737	6.41	cps
Silver	107-1	2584	2450	2659	2564	4.12	cps
Sodium	23-2	62224268	62140258	62945087	62436538	0.71	cps
Strontium	86-1	2223553	2199739	2191751	2205014	0.75	cps
Strontium	88-1	19998313	19867771	19616516	19827533	0.98	cps
Sulfur	34-1	3767426	3788148	3754280	3769951	0.45	cps
Terbium	159-1	10412494	10434288	10264739	10370507	0.89	cps
Terbium	159-2	4477460	4540530	4548511	4522167	0.86	cps
Thallium	203-1	217	225	242	228	5.59	cps
Thallium	205-1	558	600	525	561	6.70	cps
Tin	118-1	1575	1600	1458	1545	4.90	cps
Titanium	47-1	1108	1167	1125	1133	2.65	cps
Uranium	238-1	175931	172850	172403	173728	1.11	cps
Vanadium	51-2	8589	8843	8866	8766	1.75	cps
Yttrium	89-1	8399310	8216567	8342276	8319384	1.12	cps
Yttrium	89-2	1154445	1175226	1171110	1166927	0.94	cps
Zinc	66-2	11121	11021	11331	11158	1.42	cps
Zirconium	90-1	1934	1975	2050	1986	2.98	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-04	Instrumnet Name :	P7
Client Sample ID :	MH0AZ2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:06:54	DataFile Name :	028SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	533	458	375	456	17.39	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-01	Instrumnet Name :	P7
Client Sample ID :	MJJ4N2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:10:20	DataFile Name :	029SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1817	1442	1709	1656	11.66	cps
Antimony	121-1	9512	9971	9362	9615	3.30	cps
Arsenic	75-2	130	170	156	152	13.58	cps
Barium	135-1	87752	84531	85756	86013	1.89	cps
Barium	137-1	149589	151106	150179	150292	0.51	cps
Beryllium	9-1	78	56	78	70	18.23	cps
Bismuth	209-1	6651782	6619940	6683388	6651704	0.48	cps
Bismuth	209-2	3404330	3491730	3491320	3462460	1.45	cps
Boron	10-1	3659	3976	3826	3820	4.15	cps
Boron	11-1	20757	21408	20923	21029	1.61	cps
Cadmium	111-1	5680	5926	5655	5754	2.60	cps
Cadmium	106-1	2867	3209	3050	3042	5.62	cps
Cadmium	108-1	325	321	246	297	14.99	cps
Calcium	43-1	321935	322414	324425	322925	0.41	cps
Calcium	44-1	5348563	5413897	5354369	5372276	0.67	cps
Chromium	52-2	990	1057	1187	1078	9.28	cps
Cobalt	59-2	4434	4437	4371	4414	0.85	cps
Copper	63-2	7922	8219	8029	8057	1.87	cps
Dysprosium	156-1	58	158	108	108	46.15	cps
Dysprosium	156-2	73	67	63	68	7.51	cps
Erbium	164-1	83	175	175	144	36.64	cps
Erbium	164-2	43	60	63	56	19.29	cps
Gadolinium	160-1	300	183	158	214	35.35	cps
Gadolinium	160-2	120	100	127	116	12.01	cps
Holmium	165-1	10200499	10242222	10256568	10233096	0.28	cps
Holmium	165-2	4595523	4661762	4612529	4623271	0.74	cps
Indium	115-1	8401482	8398300	8361474	8387085	0.27	cps
Indium	115-2	1468445	1481122	1471822	1473796	0.45	cps
Iron	56-2	580197	578298	570917	576471	0.85	cps
Iron	57-2	14530	15230	14641	14800	2.54	cps
Lead	206-1	39927	38707	40256	39630	2.06	cps
Lead	207-1	35615	37336	37013	36655	2.50	cps
Lead	208-1	161351	160818	163644	161938	0.93	cps
Lithium	6-1	689307	677993	669134	678811	1.49	cps
Magnesium	24-2	819595	813865	815018	816159	0.37	cps
Manganese	55-2	464071	463304	460851	462742	0.36	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-01	Instrumnet Name :	P7
Client Sample ID :	MJJ4N2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:10:20	DataFile Name :	029SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	958	992	1000	983	2.24	cps
Molybdenum	95-1	842	775	717	778	8.04	cps
Molybdenum	96-1	967	1108	933	1003	9.27	cps
Molybdenum	97-1	608	600	525	578	7.94	cps
Molybdenum	98-1	1225	1258	1400	1295	7.18	cps
Neodymium	150-1	180	187	167	178	5.73	cps
Neodymium	150-2	73	57	47	59	22.87	cps
Nickel	60-2	2230	2320	2237	2262	2.22	cps
Phosphorus	31-2	167	225	267	219	22.89	cps
Potassium	39-2	408921	410638	410712	410091	0.25	cps
Rhodium	103-1	7973768	7828041	7885451	7895753	0.93	cps
Rhodium	103-2	3485773	3511484	3472739	3489999	0.56	cps
Scandium	45-1	4921553	4848987	4939870	4903470	0.98	cps
Scandium	45-2	233435	233769	230727	232644	0.72	cps
Selenium	77-2	13	3	0	6	124.93	cps
Selenium	78-2	80	78	65	74	10.89	cps
Selenium	82-1	174	62	50	95	72.20	cps
Silicon	28-1	38763446	38224006	38437994	38475148	0.71	cps
Silver	109-1	2917	3050	3092	3020	3.03	cps
Silver	107-1	2917	3125	3075	3039	3.58	cps
Sodium	23-2	1191970	1190631	1187766	1190122	0.18	cps
Strontium	86-1	192634	196320	193344	194099	1.01	cps
Strontium	88-1	1677878	1686245	1669434	1677852	0.50	cps
Sulfur	34-1	981305	970854	973727	975295	0.55	cps
Terbium	159-1	10653423	10540059	10674089	10622524	0.68	cps
Terbium	159-2	4579995	4567774	4612598	4586789	0.51	cps
Thallium	203-1	108	158	150	139	19.29	cps
Thallium	205-1	383	300	192	292	32.95	cps
Tin	118-1	683	867	900	817	14.29	cps
Titanium	47-1	1575	1400	1442	1472	6.21	cps
Uranium	238-1	533	633	675	614	11.86	cps
Vanadium	51-2	633	507	653	598	13.31	cps
Yttrium	89-1	8565569	8457605	8347973	8457049	1.29	cps
Yttrium	89-2	1161044	1168019	1169201	1166088	0.38	cps
Zinc	66-2	212836	214996	213630	213821	0.51	cps
Zirconium	90-1	1483	1750	1467	1567	10.15	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-01	Instrumnet Name :	P7
Client Sample ID :	MJJ4N2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:10:20	DataFile Name :	029SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	358	350	267	325	15.59	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-02	Instrumnet Name :	P7
Client Sample ID :	MJJ4N3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:13:48	DataFile Name :	030SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1609	1383	1675	1556	9.83	cps
Antimony	121-1	10438	10471	10037	10315	2.34	cps
Arsenic	75-2	161	178	154	164	7.51	cps
Barium	135-1	89891	87903	87449	88414	1.47	cps
Barium	137-1	156964	151544	154426	154311	1.76	cps
Beryllium	9-1	50	50	89	63	35.66	cps
Bismuth	209-1	6637625	6636950	6611196	6628591	0.23	cps
Bismuth	209-2	3422457	3428557	3453733	3434916	0.48	cps
Boron	10-1	3467	3342	3559	3456	3.15	cps
Boron	11-1	18762	17619	18320	18234	3.16	cps
Cadmium	111-1	5774	5889	5768	5810	1.17	cps
Cadmium	106-1	2992	3000	2992	2995	0.16	cps
Cadmium	108-1	263	321	300	294	10.04	cps
Calcium	43-1	332265	336480	326096	331614	1.57	cps
Calcium	44-1	5514866	5608881	5546811	5556853	0.86	cps
Chromium	52-2	1397	1220	1347	1321	6.89	cps
Cobalt	59-2	4641	4427	4567	4545	2.39	cps
Copper	63-2	8292	7766	8192	8083	3.46	cps
Dysprosium	156-1	167	83	100	117	37.80	cps
Dysprosium	156-2	50	57	50	52	7.37	cps
Erbium	164-1	208	108	142	153	33.33	cps
Erbium	164-2	70	80	63	71	11.80	cps
Gadolinium	160-1	250	183	175	203	20.27	cps
Gadolinium	160-2	127	147	150	141	8.94	cps
Holmium	165-1	10150944	10180485	10143309	10158246	0.19	cps
Holmium	165-2	4522162	4578393	4597920	4566158	0.86	cps
Indium	115-1	8239500	8239124	8189470	8222698	0.35	cps
Indium	115-2	1445365	1439198	1468425	1450996	1.06	cps
Iron	56-2	585246	591912	587147	588102	0.58	cps
Iron	57-2	15253	15464	15453	15390	0.77	cps
Lead	206-1	41047	40657	41822	41175	1.44	cps
Lead	207-1	38362	38378	38328	38356	0.07	cps
Lead	208-1	169161	168300	170343	169268	0.61	cps
Lithium	6-1	663473	663186	662301	662987	0.09	cps
Magnesium	24-2	831109	842864	827755	833909	0.95	cps
Manganese	55-2	473324	478854	476725	476301	0.59	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-02	Instrumnet Name :	P7
Client Sample ID :	MJJ4N3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:13:48	DataFile Name :	030SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1075	833	967	958	12.63	cps
Molybdenum	95-1	808	675	733	739	9.05	cps
Molybdenum	96-1	850	825	1092	922	15.97	cps
Molybdenum	97-1	475	550	550	525	8.25	cps
Molybdenum	98-1	1175	1167	1208	1183	1.86	cps
Neodymium	150-1	113	140	147	133	13.23	cps
Neodymium	150-2	30	57	60	49	33.63	cps
Nickel	60-2	2517	2500	2377	2465	3.10	cps
Phosphorus	31-2	150	200	167	172	14.78	cps
Potassium	39-2	418798	420678	416321	418599	0.52	cps
Rhodium	103-1	7831710	7788746	7770390	7796949	0.40	cps
Rhodium	103-2	3428212	3420974	3463920	3437702	0.67	cps
Scandium	45-1	4773954	4888413	4829708	4830692	1.18	cps
Scandium	45-2	228736	227491	229554	228594	0.45	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	78	63	61	67	13.58	cps
Selenium	82-1	47	69	148	88	60.68	cps
Silicon	28-1	39693130	39144502	39435453	39424362	0.70	cps
Silver	109-1	2809	2834	2834	2825	0.51	cps
Silver	107-1	2834	3184	3267	3095	7.43	cps
Sodium	23-2	1210619	1204155	1202773	1205849	0.35	cps
Strontium	86-1	202021	200837	198745	200535	0.83	cps
Strontium	88-1	1754093	1753632	1728635	1745453	0.83	cps
Sulfur	34-1	964310	967079	961173	964188	0.31	cps
Terbium	159-1	10595134	10499323	10512945	10535801	0.49	cps
Terbium	159-2	4487493	4519013	4549718	4518741	0.69	cps
Thallium	203-1	58	92	183	111	58.25	cps
Thallium	205-1	208	267	308	261	19.24	cps
Tin	118-1	658	650	858	722	16.33	cps
Titanium	47-1	1575	1759	1375	1570	12.22	cps
Uranium	238-1	533	508	467	503	6.70	cps
Vanadium	51-2	583	600	657	613	6.27	cps
Yttrium	89-1	8443552	8360054	8383978	8395861	0.51	cps
Yttrium	89-2	1143301	1146922	1158418	1149547	0.69	cps
Zinc	66-2	216891	219072	217489	217817	0.52	cps
Zirconium	90-1	1659	1634	1583	1625	2.35	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-02	Instrumnet Name :	P7
Client Sample ID :	MJJ4N3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:13:48	DataFile Name :	030SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	317	275	258	283	10.60	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-03	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:17:15	DataFile Name :	031SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2084	2000	1875	1986	5.28	cps
Antimony	121-1	3326	3942	3767	3678	8.64	cps
Arsenic	75-2	198	211	157	189	14.84	cps
Barium	135-1	48059	47666	47206	47644	0.90	cps
Barium	137-1	84137	84515	83535	84062	0.59	cps
Beryllium	9-1	44	50	56	50	11.11	cps
Bismuth	209-1	6524036	6592424	6617418	6577959	0.73	cps
Bismuth	209-2	3354533	3357643	3424519	3378898	1.17	cps
Boron	10-1	1300	1033	1133	1156	11.66	cps
Boron	11-1	6302	5893	6360	6185	4.11	cps
Cadmium	111-1	2306	2430	2317	2351	2.92	cps
Cadmium	106-1	2700	2875	2792	2789	3.14	cps
Cadmium	108-1	38	29	42	36	17.62	cps
Calcium	43-1	3879632	3930846	3938441	3916306	0.82	cps
Calcium	44-1	64069593	64631683	64524554	64408610	0.46	cps
Chromium	52-2	1203	1190	1210	1201	0.85	cps
Cobalt	59-2	1450	1437	1373	1420	2.88	cps
Copper	63-2	6385	6258	6455	6366	1.57	cps
Dysprosium	156-1	50	83	50	61	31.50	cps
Dysprosium	156-2	20	7	20	16	49.47	cps
Erbium	164-1	67	58	75	67	12.49	cps
Erbium	164-2	3	30	13	16	86.63	cps
Gadolinium	160-1	117	142	117	125	11.55	cps
Gadolinium	160-2	87	93	100	93	7.14	cps
Holmium	165-1	10225512	10413244	10289112	10309289	0.93	cps
Holmium	165-2	4573594	4556476	4595300	4575123	0.43	cps
Indium	115-1	8317646	8191462	8521198	8343435	1.99	cps
Indium	115-2	1451111	1465803	1481655	1466190	1.04	cps
Iron	56-2	222349	223049	221831	222410	0.27	cps
Iron	57-2	11694	12172	12567	12144	3.60	cps
Lead	206-1	7586	7552	7458	7532	0.88	cps
Lead	207-1	7169	7085	7074	7110	0.73	cps
Lead	208-1	31143	31310	30670	31041	1.07	cps
Lithium	6-1	629669	625597	622339	625868	0.59	cps
Magnesium	24-2	6327062	6447383	6311313	6361919	1.17	cps
Manganese	55-2	117680	116749	116950	117126	0.42	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-03	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:17:15	DataFile Name :	031SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1333	883	925	1047	23.75	cps
Molybdenum	95-1	783	667	733	728	8.04	cps
Molybdenum	96-1	983	1017	1008	1003	1.73	cps
Molybdenum	97-1	575	550	450	525	12.60	cps
Molybdenum	98-1	1292	1192	1108	1197	7.67	cps
Neodymium	150-1	60	80	40	60	33.33	cps
Neodymium	150-2	23	10	40	24	61.49	cps
Nickel	60-2	820	923	880	874	5.93	cps
Phosphorus	31-2	175	192	158	175	9.53	cps
Potassium	39-2	1049268	1048307	1057478	1051684	0.48	cps
Rhodium	103-1	7788263	7734139	7816674	7779692	0.54	cps
Rhodium	103-2	3401236	3458877	3493141	3451085	1.35	cps
Scandium	45-1	4862395	4912249	4821021	4865222	0.94	cps
Scandium	45-2	233649	234021	235016	234229	0.30	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	63	85	89	79	17.75	cps
Selenium	82-1	98	69	89	85	16.98	cps
Silicon	28-1	23036716	23138631	23266583	23147310	0.50	cps
Silver	109-1	2034	2334	2100	2156	7.31	cps
Silver	107-1	2217	2792	2509	2506	11.48	cps
Sodium	23-2	1160268	1177935	1175194	1171132	0.81	cps
Strontium	86-1	867472	843519	853470	854820	1.41	cps
Strontium	88-1	7790902	7672451	7562381	7675245	1.49	cps
Sulfur	34-1	5334492	5354858	5379133	5356161	0.42	cps
Terbium	159-1	10742152	10766983	10576489	10695208	0.97	cps
Terbium	159-2	4603341	4616214	4616746	4612101	0.16	cps
Thallium	203-1	142	67	67	92	47.24	cps
Thallium	205-1	183	158	150	164	10.58	cps
Tin	118-1	783	858	725	789	8.47	cps
Titanium	47-1	1142	1175	1258	1192	5.04	cps
Uranium	238-1	13624	14108	13900	13877	1.75	cps
Vanadium	51-2	453	363	383	400	11.82	cps
Yttrium	89-1	8555301	8543821	8482681	8527267	0.46	cps
Yttrium	89-2	1143707	1177868	1174239	1165271	1.61	cps
Zinc	66-2	18502	19193	19296	18997	2.27	cps
Zirconium	90-1	1834	1792	1850	1825	1.65	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-03	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:17:15	DataFile Name :	031SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	475	317	417	403	19.88	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-04	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:20:41	DataFile Name :	032SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1859	1717	1992	1856	7.41	cps
Antimony	121-1	3801	3592	3659	3684	2.89	cps
Arsenic	75-2	170	226	189	195	14.50	cps
Barium	135-1	48101	48586	47742	48143	0.88	cps
Barium	137-1	82990	82286	82159	82479	0.54	cps
Beryllium	9-1	72	78	50	67	22.05	cps
Bismuth	209-1	6608231	6555191	6511441	6558288	0.74	cps
Bismuth	209-2	3278476	3344108	3366172	3329585	1.37	cps
Boron	10-1	942	1092	1117	1050	9.01	cps
Boron	11-1	5493	4984	5034	5171	5.42	cps
Cadmium	111-1	2366	2453	2412	2410	1.81	cps
Cadmium	106-1	2775	2984	2809	2856	3.92	cps
Cadmium	108-1	50	63	42	51	20.40	cps
Calcium	43-1	3933227	3870871	3852794	3885631	1.09	cps
Calcium	44-1	64586641	64772187	63922604	64427144	0.69	cps
Chromium	52-2	1213	1150	1140	1168	3.41	cps
Cobalt	59-2	1530	1383	1490	1468	5.17	cps
Copper	63-2	6221	6655	6608	6495	3.66	cps
Dysprosium	156-1	58	33	58	50	28.88	cps
Dysprosium	156-2	10	27	17	18	47.19	cps
Erbium	164-1	67	75	50	64	19.92	cps
Erbium	164-2	20	23	17	20	16.65	cps
Gadolinium	160-1	83	158	142	128	30.82	cps
Gadolinium	160-2	87	80	83	83	4.00	cps
Holmium	165-1	10393663	10231461	10304109	10309744	0.79	cps
Holmium	165-2	4456821	4515228	4561834	4511294	1.17	cps
Indium	115-1	8328358	8291833	8331958	8317383	0.27	cps
Indium	115-2	1408278	1418683	1429416	1418793	0.74	cps
Iron	56-2	213865	215965	216573	215468	0.66	cps
Iron	57-2	11427	12467	12500	12131	5.03	cps
Lead	206-1	7374	7486	7491	7450	0.88	cps
Lead	207-1	6863	7047	6841	6917	1.63	cps
Lead	208-1	30565	30781	29886	30411	1.54	cps
Lithium	6-1	624509	629698	627425	627211	0.41	cps
Magnesium	24-2	6142867	6189294	6145610	6159257	0.42	cps
Manganese	55-2	113521	113312	113383	113405	0.09	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-04	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:20:41	DataFile Name :	032SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1042	983	1050	1025	3.54	cps
Molybdenum	95-1	825	567	575	656	22.39	cps
Molybdenum	96-1	900	967	1142	1003	12.45	cps
Molybdenum	97-1	467	542	592	533	11.80	cps
Molybdenum	98-1	1133	1058	1050	1081	4.25	cps
Neodymium	150-1	67	47	40	51	27.15	cps
Neodymium	150-2	40	13	33	29	48.05	cps
Nickel	60-2	887	860	907	884	2.65	cps
Phosphorus	31-2	108	167	175	150	24.22	cps
Potassium	39-2	1013366	1027682	1014093	1018381	0.79	cps
Rhodium	103-1	7642729	7734948	7610082	7662586	0.85	cps
Rhodium	103-2	3334077	3361273	3398616	3364655	0.96	cps
Scandium	45-1	4982058	4817840	4818877	4872925	1.94	cps
Scandium	45-2	226227	229038	230614	228626	0.97	cps
Selenium	77-2	10	3	3	6	69.34	cps
Selenium	78-2	93	72	74	80	14.15	cps
Selenium	82-1	154	-2	114	89	91.73	cps
Silicon	28-1	23150971	23032331	22857612	23013638	0.64	cps
Silver	109-1	1859	1942	2192	1997	8.69	cps
Silver	107-1	1867	2209	2350	2142	11.60	cps
Sodium	23-2	1133029	1144030	1146152	1141070	0.62	cps
Strontium	86-1	855486	857823	850098	854469	0.46	cps
Strontium	88-1	7678259	7752378	7690392	7707009	0.52	cps
Sulfur	34-1	5393039	5358223	5352760	5368007	0.41	cps
Terbium	159-1	10679437	10609492	10610759	10633229	0.38	cps
Terbium	159-2	4462952	4524448	4496385	4494595	0.68	cps
Thallium	203-1	133	100	75	103	28.48	cps
Thallium	205-1	192	275	175	214	25.05	cps
Tin	118-1	717	742	592	683	11.76	cps
Titanium	47-1	1025	992	1075	1031	4.07	cps
Uranium	238-1	13950	13975	12273	13399	7.28	cps
Vanadium	51-2	340	393	420	384	10.60	cps
Yttrium	89-1	8383123	8601947	8565409	8516826	1.38	cps
Yttrium	89-2	1128063	1141701	1153000	1140921	1.09	cps
Zinc	66-2	18071	18462	18158	18230	1.12	cps
Zirconium	90-1	1717	1800	1734	1750	2.52	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-04	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:20:41	DataFile Name :	032SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	358	408	358	375	7.70	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-03LX5	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-17 12:24:08	DataFile Name :	033SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	542	483	467	497	7.92	cps
Antimony	121-1	675	783	808	756	9.38	cps
Arsenic	75-2	37	33	52	41	24.05	cps
Barium	135-1	8753	8536	8970	8753	2.48	cps
Barium	137-1	15593	15660	16252	15835	2.29	cps
Beryllium	9-1	44	50	50	48	6.65	cps
Bismuth	209-1	6403754	6376445	6366030	6382076	0.31	cps
Bismuth	209-2	3258443	3272861	3324281	3285195	1.05	cps
Boron	10-1	567	567	567	567	0.00	cps
Boron	11-1	2734	2900	2784	2806	3.05	cps
Cadmium	111-1	1811	1821	2054	1896	7.25	cps
Cadmium	106-1	2525	2434	2767	2575	6.69	cps
Cadmium	108-1	21	4	17	14	62.43	cps
Calcium	43-1	737534	754964	746284	746261	1.17	cps
Calcium	44-1	12171830	12311635	12359032	12280832	0.79	cps
Chromium	52-2	1030	1050	1050	1043	1.11	cps
Cobalt	59-2	323	347	263	311	13.82	cps
Copper	63-2	3137	3307	3110	3185	3.35	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	42	83	67	64	32.83	cps
Erbium	164-2	13	7	33	18	78.05	cps
Gadolinium	160-1	25	117	75	72	63.55	cps
Gadolinium	160-2	53	70	73	66	16.35	cps
Holmium	165-1	9814303	9902690	9876444	9864479	0.46	cps
Holmium	165-2	4316863	4360740	4446048	4374551	1.50	cps
Indium	115-1	8074854	8055481	8075498	8068611	0.14	cps
Indium	115-2	1386768	1409610	1393167	1396515	0.84	cps
Iron	56-2	47549	47204	48102	47618	0.95	cps
Iron	57-2	2478	2673	2523	2558	3.98	cps
Lead	206-1	2111	2250	1950	2104	7.14	cps
Lead	207-1	1878	1734	1795	1802	4.02	cps
Lead	208-1	8235	8296	7973	8168	2.10	cps
Lithium	6-1	615350	604496	612818	610888	0.93	cps
Magnesium	24-2	1179498	1176147	1182535	1179393	0.27	cps
Manganese	55-2	22113	21906	22224	22081	0.73	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-03LX5	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-17 12:24:08	DataFile Name :	033SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	300	408	300	336	18.61	cps
Molybdenum	95-1	133	167	275	192	38.64	cps
Molybdenum	96-1	358	308	317	328	8.17	cps
Molybdenum	97-1	200	167	200	189	10.19	cps
Molybdenum	98-1	392	375	433	400	7.51	cps
Neodymium	150-1	40	40	33	38	10.19	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	320	297	280	299	6.72	cps
Phosphorus	31-2	208	192	183	194	6.55	cps
Potassium	39-2	238282	238418	239479	238726	0.27	cps
Rhodium	103-1	7595677	7555119	7528210	7559669	0.45	cps
Rhodium	103-2	3340092	3352024	3350170	3347429	0.19	cps
Scandium	45-1	4640709	4677346	4729319	4682458	0.95	cps
Scandium	45-2	220856	221539	223718	222038	0.67	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	67	87	57	70	21.54	cps
Selenium	82-1	79	68	118	88	29.56	cps
Silicon	28-1	4693251	4763140	4720233	4725541	0.75	cps
Silver	109-1	983	1033	692	903	20.44	cps
Silver	107-1	983	1108	1133	1075	7.47	cps
Sodium	23-2	252385	249139	252780	251435	0.79	cps
Strontium	86-1	161062	165149	162393	162868	1.28	cps
Strontium	88-1	1421448	1428092	1406291	1418610	0.79	cps
Sulfur	34-1	1760950	1777214	1780617	1772927	0.59	cps
Terbium	159-1	10314131	10281585	10283794	10293170	0.18	cps
Terbium	159-2	4327510	4385927	4430143	4381193	1.18	cps
Thallium	203-1	108	33	42	61	67.27	cps
Thallium	205-1	183	167	175	175	4.76	cps
Tin	118-1	717	608	658	661	8.20	cps
Titanium	47-1	333	333	342	336	1.43	cps
Uranium	238-1	2867	2275	2759	2634	11.96	cps
Vanadium	51-2	90	97	97	94	4.08	cps
Yttrium	89-1	8226405	8256264	8177142	8219937	0.49	cps
Yttrium	89-2	1109405	1116780	1114517	1113567	0.34	cps
Zinc	66-2	3841	3857	4007	3902	2.35	cps
Zirconium	90-1	925	833	767	842	9.44	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-03LX5	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-17 12:24:08	DataFile Name :	033SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	183	117	153	22.04	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-05	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:27:34	DataFile Name :	034SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	136535	136224	137434	136731	0.46	cps
Antimony	121-1	890314	878113	885931	884786	0.70	cps
Arsenic	75-2	12893	13036	13434	13121	2.14	cps
Barium	135-1	3623823	3617101	3593961	3611628	0.43	cps
Barium	137-1	6633692	6665945	6583425	6627687	0.63	cps
Beryllium	9-1	54621	56361	54977	55320	1.66	cps
Bismuth	209-1	6635583	6532240	6575378	6581067	0.79	cps
Bismuth	209-2	3339151	3388117	3424023	3383764	1.26	cps
Boron	10-1	908	992	867	922	6.90	cps
Boron	11-1	4276	4184	4276	4245	1.25	cps
Cadmium	111-1	102627	102990	101899	102505	0.54	cps
Cadmium	106-1	11972	12573	11522	12022	4.39	cps
Cadmium	108-1	6614	6485	6731	6610	1.86	cps
Calcium	43-1	3835885	3788149	3819577	3814537	0.64	cps
Calcium	44-1	63308424	63537797	62806378	63217533	0.59	cps
Chromium	52-2	476673	481396	481472	479847	0.57	cps
Cobalt	59-2	1947766	1951397	1980811	1959991	0.92	cps
Copper	63-2	730666	733069	751144	738293	1.52	cps
Dysprosium	156-1	100	125	75	100	25.00	cps
Dysprosium	156-2	37	20	30	29	29.04	cps
Erbium	164-1	92	75	75	81	11.95	cps
Erbium	164-2	40	33	47	40	16.68	cps
Gadolinium	160-1	150	133	175	153	13.73	cps
Gadolinium	160-2	73	93	83	83	12.01	cps
Holmium	165-1	10431968	10445920	10361195	10413027	0.44	cps
Holmium	165-2	4536794	4629460	4618140	4594798	1.10	cps
Indium	115-1	8332373	8265077	8285763	8294404	0.42	cps
Indium	115-2	1422624	1431352	1461937	1438638	1.43	cps
Iron	56-2	2165469	2195324	2186397	2182397	0.70	cps
Iron	57-2	60212	58886	61239	60112	1.96	cps
Lead	206-1	122178	124904	123838	123640	1.11	cps
Lead	207-1	109034	108797	109928	109253	0.55	cps
Lead	208-1	493771	496011	493611	494464	0.27	cps
Lithium	6-1	642370	646513	643506	644130	0.33	cps
Magnesium	24-2	6019513	6024986	6033423	6025974	0.12	cps
Manganese	55-2	753379	756828	760673	756960	0.48	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-05	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:27:34	DataFile Name :	034SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1008	783	967	920	13.02	cps
Molybdenum	95-1	900	817	900	872	5.52	cps
Molybdenum	96-1	1150	1125	1067	1114	3.84	cps
Molybdenum	97-1	575	592	683	617	9.46	cps
Molybdenum	98-1	1083	1133	1300	1172	9.68	cps
Neodymium	150-1	267	240	240	249	6.19	cps
Neodymium	150-2	37	27	33	32	15.80	cps
Nickel	60-2	523315	526407	530802	526842	0.71	cps
Phosphorus	31-2	167	175	142	161	10.77	cps
Potassium	39-2	987673	989396	1010721	995930	1.29	cps
Rhodium	103-1	7825678	7715199	7742486	7761121	0.74	cps
Rhodium	103-2	3380633	3407116	3460625	3416125	1.19	cps
Scandium	45-1	4781246	4779493	4767663	4776134	0.15	cps
Scandium	45-2	226225	226912	227164	226767	0.21	cps
Selenium	77-2	600	600	663	621	5.89	cps
Selenium	78-2	2148	2222	2158	2176	1.86	cps
Selenium	82-1	13794	13978	13847	13873	0.69	cps
Silicon	28-1	22567282	22634113	22602117	22601171	0.15	cps
Silver	109-1	121796	121041	121358	121398	0.31	cps
Silver	107-1	129151	127076	127444	127890	0.87	cps
Sodium	23-2	1107140	1123425	1116148	1115571	0.73	cps
Strontium	86-1	854059	840745	836298	843701	1.10	cps
Strontium	88-1	7532262	7564326	7475460	7524016	0.60	cps
Sulfur	34-1	5289719	5235775	5228696	5251396	0.64	cps
Terbium	159-1	10747193	10610824	10524489	10627502	1.06	cps
Terbium	159-2	4514683	4560376	4665061	4580040	1.68	cps
Thallium	203-1	355202	352397	352716	353438	0.43	cps
Thallium	205-1	846172	852709	845626	848169	0.46	cps
Tin	118-1	1050	825	842	906	13.85	cps
Titanium	47-1	1108	1258	1150	1172	6.60	cps
Uranium	238-1	13558	13316	13641	13505	1.25	cps
Vanadium	51-2	972233	982118	986853	980401	0.76	cps
Yttrium	89-1	8495761	8366742	8343275	8401926	0.98	cps
Yttrium	89-2	1126530	1145434	1154313	1142092	1.24	cps
Zinc	66-2	229339	230678	233514	231177	0.92	cps
Zirconium	90-1	1467	1492	1425	1461	2.30	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-05	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:27:34	DataFile Name :	034SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	358	358	283	333	12.99	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-06	Instrumnet Name :	P7
Client Sample ID :	MJJ4N5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:30:59	DataFile Name :	035SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	367	300	317	328	10.59	cps
Antimony	121-1	3801	4126	4334	4087	6.58	cps
Arsenic	75-2	3113	3082	3247	3147	2.78	cps
Barium	135-1	136566	137712	137475	137251	0.44	cps
Barium	137-1	234318	239537	238130	237328	1.14	cps
Beryllium	9-1	89	56	61	69	26.06	cps
Bismuth	209-1	6685414	6592615	6535689	6604573	1.14	cps
Bismuth	209-2	3323852	3364917	3409967	3366245	1.28	cps
Boron	10-1	2759	2659	2717	2711	1.85	cps
Boron	11-1	14207	14174	14933	14438	2.97	cps
Cadmium	111-1	2195	2222	2046	2154	4.39	cps
Cadmium	106-1	3067	3050	2825	2981	4.53	cps
Cadmium	108-1	188	163	200	183	10.42	cps
Calcium	43-1	952848	958885	952863	954865	0.36	cps
Calcium	44-1	15872654	15749138	15836094	15819295	0.40	cps
Chromium	52-2	1157	1167	1233	1186	3.52	cps
Cobalt	59-2	25613	25950	26417	25993	1.55	cps
Copper	63-2	5811	5748	5888	5816	1.21	cps
Dysprosium	156-1	117	83	108	103	16.88	cps
Dysprosium	156-2	47	33	37	39	17.85	cps
Erbium	164-1	108	125	83	106	19.87	cps
Erbium	164-2	47	47	57	50	11.55	cps
Gadolinium	160-1	150	183	108	147	25.52	cps
Gadolinium	160-2	133	93	87	104	24.17	cps
Holmium	165-1	10438125	10451992	10334327	10408148	0.62	cps
Holmium	165-2	4488890	4594909	4641566	4575122	1.71	cps
Indium	115-1	8311000	8302353	8271481	8294945	0.25	cps
Indium	115-2	1408173	1436467	1443192	1429277	1.30	cps
Iron	56-2	14549444	14459921	14598739	14536035	0.48	cps
Iron	57-2	361523	362046	367661	363743	0.94	cps
Lead	206-1	4395	4156	4023	4192	4.50	cps
Lead	207-1	3756	3712	3851	3773	1.88	cps
Lead	208-1	17071	16521	16955	16849	1.72	cps
Lithium	6-1	648111	634760	640673	641181	1.04	cps
Magnesium	24-2	2718690	2726930	2757037	2734219	0.74	cps
Manganese	55-2	4321918	4493251	4391488	4402219	1.96	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-06	Instrumnet Name :	P7
Client Sample ID :	MJJ4N5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:30:59	DataFile Name :	035SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1292	1167	1150	1203	6.44	cps
Molybdenum	95-1	1442	1575	1467	1495	4.74	cps
Molybdenum	96-1	1700	1875	1859	1811	5.33	cps
Molybdenum	97-1	942	967	883	931	4.60	cps
Molybdenum	98-1	2175	2442	1925	2181	11.85	cps
Neodymium	150-1	100	120	93	104	13.28	cps
Neodymium	150-2	23	50	27	33	43.59	cps
Nickel	60-2	6888	7265	7215	7123	2.87	cps
Phosphorus	31-2	808	842	1000	883	11.59	cps
Potassium	39-2	576717	580502	590681	582633	1.24	cps
Rhodium	103-1	7799207	7927092	7731693	7819331	1.27	cps
Rhodium	103-2	3369566	3436002	3440407	3415325	1.16	cps
Scandium	45-1	4810426	4785192	4775385	4790334	0.38	cps
Scandium	45-2	223158	224316	228678	225384	1.29	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	54	65	56	58	10.26	cps
Selenium	82-1	35	-52	106	30	267.60	cps
Silicon	28-1	30847285	30859279	30648958	30785174	0.38	cps
Silver	109-1	2050	2200	2284	2178	5.43	cps
Silver	107-1	2192	2159	2667	2339	12.16	cps
Sodium	23-2	4560067	4558758	4557955	4558927	0.02	cps
Strontium	86-1	278029	277237	275345	276870	0.50	cps
Strontium	88-1	2386779	2391575	2422880	2400411	0.82	cps
Sulfur	34-1	2397522	2395197	2376366	2389695	0.49	cps
Terbium	159-1	10681925	10714145	10672458	10689509	0.20	cps
Terbium	159-2	4466671	4507260	4622910	4532280	1.79	cps
Thallium	203-1	200	158	167	175	12.60	cps
Thallium	205-1	375	325	317	339	9.31	cps
Tin	118-1	683	892	833	803	13.39	cps
Titanium	47-1	908	1058	825	931	12.71	cps
Uranium	238-1	300	358	292	317	11.47	cps
Vanadium	51-2	370	397	353	373	5.86	cps
Yttrium	89-1	8422997	8524172	8479430	8475533	0.60	cps
Yttrium	89-2	1122060	1134354	1150953	1135789	1.28	cps
Zinc	66-2	1932084	1957094	1974739	1954639	1.10	cps
Zirconium	90-1	1283	1317	1158	1253	6.66	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-06	Instrumnet Name :	P7
Client Sample ID :	MJJ4N5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:30:59	DataFile Name :	035SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	308	308	325	314	3.07	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-07	Instrumnet Name :	P7
Client Sample ID :	MJJ4N6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:34:25	DataFile Name :	036SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	250	233	308	264	14.92	cps
Antimony	121-1	1217	1525	1433	1392	11.38	cps
Arsenic	75-2	22	20	19	20	9.08	cps
Barium	135-1	92	175	158	142	31.13	cps
Barium	137-1	250	225	217	231	7.52	cps
Beryllium	9-1	28	61	50	46	36.66	cps
Bismuth	209-1	6597417	6632805	6548968	6593064	0.64	cps
Bismuth	209-2	3327133	3383037	3371364	3360511	0.88	cps
Boron	10-1	300	308	383	331	13.88	cps
Boron	11-1	1692	1609	1742	1681	4.01	cps
Cadmium	111-1	2027	1786	1944	1919	6.36	cps
Cadmium	106-1	2884	2559	2784	2742	6.07	cps
Cadmium	108-1	13	13	13	13	0.00	cps
Calcium	43-1	792	942	808	847	9.70	cps
Calcium	44-1	71624	71289	71892	71601	0.42	cps
Chromium	52-2	1010	1143	1167	1107	7.64	cps
Cobalt	59-2	100	80	97	92	11.62	cps
Copper	63-2	5635	5645	5778	5686	1.41	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	83	33	33	50	57.75	cps
Erbium	164-2	10	17	20	16	32.73	cps
Gadolinium	160-1	83	67	75	75	11.11	cps
Gadolinium	160-2	53	67	60	60	11.12	cps
Holmium	165-1	10384682	10407012	10300475	10364056	0.54	cps
Holmium	165-2	4489933	4543540	4600982	4544818	1.22	cps
Indium	115-1	8399150	8344958	8311322	8351810	0.53	cps
Indium	115-2	1419742	1434332	1432557	1428877	0.56	cps
Iron	56-2	9448	9264	9592	9435	1.74	cps
Iron	57-2	356	372	378	369	3.14	cps
Lead	206-1	1078	961	1028	1022	5.73	cps
Lead	207-1	856	867	917	880	3.70	cps
Lead	208-1	4011	3989	4212	4071	3.01	cps
Lithium	6-1	649588	655590	652023	652400	0.46	cps
Magnesium	24-2	892	875	900	889	1.43	cps
Manganese	55-2	383	387	390	387	0.86	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-07	Instrumnet Name :	P7
Client Sample ID :	MJJ4N6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:34:25	DataFile Name :	036SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	300	275	242	272	10.75	cps
Molybdenum	95-1	100	125	58	94	35.66	cps
Molybdenum	96-1	208	175	183	189	9.19	cps
Molybdenum	97-1	117	142	100	119	17.56	cps
Molybdenum	98-1	225	167	117	169	32.00	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	3	10	4	114.60	cps
Nickel	60-2	267	253	267	262	2.93	cps
Phosphorus	31-2	92	83	208	128	54.70	cps
Potassium	39-2	49517	50102	50044	49888	0.65	cps
Rhodium	103-1	7999580	8000908	7908263	7969584	0.67	cps
Rhodium	103-2	3410426	3483942	3489352	3461240	1.27	cps
Scandium	45-1	4768208	4748136	4749816	4755387	0.23	cps
Scandium	45-2	221251	225367	225059	223893	1.02	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	94	76	56	75	25.83	cps
Selenium	82-1	72	52	30	51	41.35	cps
Silicon	28-1	390789	392482	390944	391405	0.24	cps
Silver	109-1	1984	2217	2084	2095	5.59	cps
Silver	107-1	1934	2342	2384	2220	11.20	cps
Sodium	23-2	51221	51991	51531	51581	0.75	cps
Strontium	86-1	925	942	992	953	3.64	cps
Strontium	88-1	967	842	867	892	7.42	cps
Sulfur	34-1	593130	589419	598333	593627	0.75	cps
Terbium	159-1	10729481	10815182	10613069	10719244	0.95	cps
Terbium	159-2	4436657	4538170	4565080	4513302	1.50	cps
Thallium	203-1	67	108	133	103	32.77	cps
Thallium	205-1	183	192	267	214	21.46	cps
Tin	118-1	950	917	917	928	2.07	cps
Titanium	47-1	200	250	250	233	12.37	cps
Uranium	238-1	117	117	92	108	13.32	cps
Vanadium	51-2	257	237	233	242	5.21	cps
Yttrium	89-1	8399242	8443374	8410781	8417799	0.27	cps
Yttrium	89-2	1123474	1143620	1139759	1135617	0.94	cps
Zinc	66-2	5301	5434	5444	5393	1.48	cps
Zirconium	90-1	408	583	550	514	18.08	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-07	Instrumnet Name :	P7
Client Sample ID :	MJJ4N6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:34:25	DataFile Name :	036SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	133	117	125	6.67	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-08	Instrumnet Name :	P7
Client Sample ID :	MJJ4N7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:37:52	DataFile Name :	037SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1008	1000	1000	1003	0.48	cps
Antimony	121-1	1117	1442	1325	1295	12.72	cps
Arsenic	75-2	35	31	9	25	55.40	cps
Barium	135-1	700	958	750	803	17.07	cps
Barium	137-1	1575	1367	1475	1472	7.08	cps
Beryllium	9-1	39	72	44	52	34.44	cps
Bismuth	209-1	6600944	6561949	6547353	6570082	0.42	cps
Bismuth	209-2	3315865	3330562	3341892	3329439	0.39	cps
Boron	10-1	292	275	233	267	11.27	cps
Boron	11-1	1558	1425	1725	1570	9.58	cps
Cadmium	111-1	1856	1805	2252	1971	12.41	cps
Cadmium	106-1	2650	2534	3142	2775	11.64	cps
Cadmium	108-1	17	8	8	11	43.34	cps
Calcium	43-1	4101	3842	3592	3845	6.61	cps
Calcium	44-1	124791	123982	123512	124095	0.52	cps
Chromium	52-2	35366	35403	35580	35449	0.32	cps
Cobalt	59-2	1490	1407	1410	1436	3.29	cps
Copper	63-2	7569	8222	7779	7857	4.25	cps
Dysprosium	156-1	50	75	50	58	24.74	cps
Dysprosium	156-2	13	20	20	18	21.66	cps
Erbium	164-1	67	67	58	64	7.53	cps
Erbium	164-2	33	33	23	30	19.25	cps
Gadolinium	160-1	150	142	125	139	9.16	cps
Gadolinium	160-2	90	77	97	88	11.60	cps
Holmium	165-1	10259195	10128332	10165262	10184263	0.66	cps
Holmium	165-2	4433806	4465039	4458676	4452507	0.37	cps
Indium	115-1	8286094	8098516	8157529	8180713	1.17	cps
Indium	115-2	1410896	1403253	1411455	1408535	0.33	cps
Iron	56-2	110434	108358	110843	109879	1.21	cps
Iron	57-2	2589	3028	2839	2819	7.81	cps
Lead	206-1	12022	11194	11572	11596	3.58	cps
Lead	207-1	9381	9537	9526	9481	0.92	cps
Lead	208-1	45459	44775	45053	45096	0.76	cps
Lithium	6-1	654037	648460	651443	651313	0.43	cps
Magnesium	24-2	1967	2000	2275	2081	8.13	cps
Manganese	55-2	14557	14391	14477	14475	0.58	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-08	Instrumnet Name :	P7
Client Sample ID :	MJJ4N7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:37:52	DataFile Name :	037SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	367	408	367	381	6.32	cps
Molybdenum	95-1	333	192	250	258	27.56	cps
Molybdenum	96-1	308	367	300	325	11.18	cps
Molybdenum	97-1	242	133	233	203	29.73	cps
Molybdenum	98-1	333	450	300	361	21.81	cps
Neodymium	150-1	67	80	73	73	9.09	cps
Neodymium	150-2	33	23	20	26	27.15	cps
Nickel	60-2	18532	17838	18228	18199	1.91	cps
Phosphorus	31-2	150	175	200	175	14.28	cps
Potassium	39-2	50980	50010	51883	50958	1.84	cps
Rhodium	103-1	7898603	7814579	7817563	7843582	0.61	cps
Rhodium	103-2	3395041	3416817	3408173	3406677	0.32	cps
Scandium	45-1	4814602	4653928	4717973	4728834	1.71	cps
Scandium	45-2	222798	220176	221787	221587	0.60	cps
Selenium	77-2	3	10	3	6	69.34	cps
Selenium	78-2	69	74	69	70	4.56	cps
Selenium	82-1	-54	24	6	-8	-521.11	cps
Silicon	28-1	404191	400766	404585	403181	0.52	cps
Silver	109-1	1967	1959	2009	1978	1.35	cps
Silver	107-1	2042	2059	2242	2114	5.25	cps
Sodium	23-2	62062	62154	62983	62400	0.81	cps
Strontium	86-1	1600	1633	1600	1611	1.19	cps
Strontium	88-1	8219	7994	8228	8147	1.63	cps
Sulfur	34-1	606743	606596	605484	606274	0.11	cps
Terbium	159-1	10625834	10603883	10445339	10558352	0.93	cps
Terbium	159-2	4411245	4436249	4458151	4435215	0.53	cps
Thallium	203-1	158	158	175	164	5.87	cps
Thallium	205-1	317	325	392	344	11.93	cps
Tin	118-1	1083	1075	1117	1092	2.02	cps
Titanium	47-1	275	233	308	272	13.80	cps
Uranium	238-1	108	75	125	103	24.77	cps
Vanadium	51-2	220	250	233	234	6.41	cps
Yttrium	89-1	8250786	8240915	8255840	8249180	0.09	cps
Yttrium	89-2	1111957	1107881	1108448	1109429	0.20	cps
Zinc	66-2	7259	7292	7082	7211	1.57	cps
Zirconium	90-1	658	817	633	703	14.15	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-08	Instrumnet Name :	P7
Client Sample ID :	MJJ4N7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 12:37:52	DataFile Name :	037SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	150	175	164	7.77	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-01DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 12:41:20	DataFile Name :	038SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	483	633	9988	3702	147.09	cps
Antimony	121-1	133	100	250	161	48.89	cps
Arsenic	75-2	15	11	26	17	44.63	cps
Barium	135-1	58	183	150	131	49.58	cps
Barium	137-1	50	333	417	267	72.08	cps
Beryllium	9-1	39	22	22	28	34.65	cps
Bismuth	209-1	20970	20110	36345	25808	35.40	cps
Bismuth	209-2	19616333	11988837	10653900	14086357	34.33	cps
Boron	10-1	175	150	183	169	10.24	cps
Boron	11-1	850	750	717	772	8.99	cps
Cadmium	111-1	8	14	4	9	56.47	cps
Cadmium	106-1	0	8	0	3	173.21	cps
Cadmium	108-1	0	0	0	0	0.00	cps
Calcium	43-1	250	792	658	567	49.81	cps
Calcium	44-1	54142	58954	59689	57595	5.23	cps
Chromium	52-2	1307	847	1027	1060	21.89	cps
Cobalt	59-2	150	80	127	119	29.98	cps
Copper	63-2	2524	2057	3077	2553	20.01	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	20	13	3	12	68.66	cps
Erbium	164-1	0	0	17	6	173.21	cps
Erbium	164-2	67	30	27	41	53.99	cps
Gadolinium	160-1	0	0	8	3	173.21	cps
Gadolinium	160-2	370	197	220	262	35.87	cps
Holmium	165-1	2667	8542	42185	17798	119.81	cps
Holmium	165-2	26291376	16115767	13880439	18762527	35.26	cps
Indium	115-1	22422	23846	47815	31361	45.49	cps
Indium	115-2	8437166	5011205	4210834	5886402	38.14	cps
Iron	56-2	13439	7576	15508	12174	33.80	cps
Iron	57-2	389	356	483	409	16.20	cps
Lead	206-1	394	439	394	409	6.27	cps
Lead	207-1	361	278	317	319	13.09	cps
Lead	208-1	1617	1561	1611	1596	1.92	cps
Lithium	6-1	21959	21759	24036	22585	5.58	cps
Magnesium	24-2	817	942	34208	11989	160.50	cps
Manganese	55-2	210	153	233	199	20.68	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-01DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 12:41:20	DataFile Name :	038SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	25	33	300	119	130.96	cps
Molybdenum	95-1	42	17	33	31	41.66	cps
Molybdenum	96-1	92	50	150	97	51.67	cps
Molybdenum	97-1	142	42	33	72	83.47	cps
Molybdenum	98-1	17	17	50	28	69.27	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	140	83	197	140	40.47	cps
Phosphorus	31-2	125	125	125	125	0.00	cps
Potassium	39-2	41166	38677	49542	43128	13.20	cps
Rhodium	103-1	2159	5887	30865	12970	120.34	cps
Rhodium	103-2	20162656	12187710	10426512	14258960	36.38	cps
Scandium	45-1	3125	5477	18906	9169	92.85	cps
Scandium	45-2	1283760	767717	682161	911212	35.72	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	69	57	67	64	9.27	cps
Selenium	82-1	-86	-78	-70	-78	-10.42	cps
Silicon	28-1	294794	295373	327479	305882	6.12	cps
Silver	109-1	383	508	550	481	18.05	cps
Silver	107-1	517	642	575	578	10.83	cps
Sodium	23-2	28962	28369	245762	101031	124.06	cps
Strontium	86-1	750	750	700	733	3.94	cps
Strontium	88-1	267	2142	2009	1473	71.06	cps
Sulfur	34-1	415000	413795	406782	411859	1.08	cps
Terbium	159-1	2734	11056	45528	19773	114.75	cps
Terbium	159-2	26108777	15725974	13705073	18513275	35.95	cps
Thallium	203-1	42	17	33	31	41.66	cps
Thallium	205-1	42	58	67	56	22.91	cps
Tin	118-1	183	175	725	361	87.28	cps
Titanium	47-1	50	67	117	78	44.61	cps
Uranium	238-1	100	17	33	50	88.20	cps
Vanadium	51-2	77	47	117	80	43.90	cps
Yttrium	89-1	2154	6832	33157	14047	118.98	cps
Yttrium	89-2	6644795	3849185	3363398	4619126	38.34	cps
Zinc	66-2	513	317	463	431	23.71	cps
Zirconium	90-1	8	100	1009	372	148.52	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-01DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 12:41:20	DataFile Name :	038SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	8	33	183	75	126.21	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-02DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1D	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 12:44:47	DataFile Name :	039SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2517	2484	2434	2478	1.69	cps
Antimony	121-1	325	408	308	347	15.43	cps
Arsenic	75-2	183	217	220	207	9.86	cps
Barium	135-1	5610	5843	5818	5757	2.23	cps
Barium	137-1	9595	9821	9912	9776	1.67	cps
Beryllium	9-1	72	50	39	54	31.61	cps
Bismuth	209-1	6252335	6245628	6248669	6248877	0.05	cps
Bismuth	209-2	3191246	3288273	3314598	3264706	1.99	cps
Boron	10-1	2709	2809	2934	2817	4.00	cps
Boron	11-1	13748	14165	13924	13946	1.50	cps
Cadmium	111-1	2021	1878	1836	1912	5.09	cps
Cadmium	106-1	2892	2659	2609	2720	5.56	cps
Cadmium	108-1	17	0	4	7	124.88	cps
Calcium	43-1	100692	98267	99434	99465	1.22	cps
Calcium	44-1	1677914	1678742	1672364	1676340	0.21	cps
Chromium	52-2	1050	893	1080	1008	9.95	cps
Cobalt	59-2	113	93	57	88	32.74	cps
Copper	63-2	2647	2577	2527	2584	2.33	cps
Dysprosium	156-1	25	25	42	31	31.50	cps
Dysprosium	156-2	0	10	13	8	89.21	cps
Erbium	164-1	17	42	42	33	43.30	cps
Erbium	164-2	23	13	17	18	28.64	cps
Gadolinium	160-1	75	117	92	94	22.21	cps
Gadolinium	160-2	60	63	77	67	13.23	cps
Holmium	165-1	9487621	9590779	9606820	9561740	0.68	cps
Holmium	165-2	4290188	4383923	4387093	4353735	1.26	cps
Indium	115-1	7825103	7691388	7695637	7737376	0.98	cps
Indium	115-2	1354018	1373809	1380774	1369533	1.01	cps
Iron	56-2	6918	7385	7069	7124	3.35	cps
Iron	57-2	522	544	533	533	2.08	cps
Lead	206-1	806	872	895	857	5.40	cps
Lead	207-1	817	833	861	837	2.68	cps
Lead	208-1	3561	3661	3711	3645	2.10	cps
Lithium	6-1	632485	630640	639014	634046	0.69	cps
Magnesium	24-2	479795	481893	481624	481104	0.24	cps
Manganese	55-2	1487	1453	1453	1465	1.31	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-02DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1D	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 12:44:47	DataFile Name :	039SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1208	1275	1242	1242	2.69	cps
Molybdenum	95-1	1825	1625	1992	1814	10.12	cps
Molybdenum	96-1	2225	2159	1825	2070	10.36	cps
Molybdenum	97-1	1383	1083	1333	1267	12.69	cps
Molybdenum	98-1	2942	2834	3167	2981	5.71	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	173	220	203	199	11.89	cps
Phosphorus	31-2	175	242	158	192	23.01	cps
Potassium	39-2	176917	176276	177937	177043	0.47	cps
Rhodium	103-1	7278409	7322605	7230255	7277090	0.63	cps
Rhodium	103-2	3266388	3303374	3296320	3288694	0.60	cps
Scandium	45-1	4510385	4484979	4524143	4506502	0.44	cps
Scandium	45-2	206869	214251	218431	213184	2.75	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	81	76	63	73	12.94	cps
Selenium	82-1	90	92	135	106	24.41	cps
Silicon	28-1	2598586	2576380	2592731	2589232	0.44	cps
Silver	109-1	700	458	417	525	29.14	cps
Silver	107-1	483	550	583	539	9.45	cps
Sodium	23-2	3152953	3173455	3217429	3181279	1.04	cps
Strontium	86-1	120830	120478	120975	120761	0.21	cps
Strontium	88-1	1045387	1060749	1052500	1052878	0.73	cps
Sulfur	34-1	807410	801703	801375	803496	0.42	cps
Terbium	159-1	9881982	9725906	9889911	9832600	0.94	cps
Terbium	159-2	4266060	4323034	4377283	4322125	1.29	cps
Thallium	203-1	92	42	92	75	38.49	cps
Thallium	205-1	167	158	233	186	22.09	cps
Tin	118-1	567	792	600	653	18.60	cps
Titanium	47-1	158	217	292	222	30.08	cps
Uranium	238-1	10713	9879	10054	10216	4.30	cps
Vanadium	51-2	450	543	473	489	9.94	cps
Yttrium	89-1	7825897	7866270	7786997	7826388	0.51	cps
Yttrium	89-2	1074301	1092688	1090466	1085818	0.92	cps
Zinc	66-2	653	610	610	624	4.01	cps
Zirconium	90-1	667	617	533	606	11.12	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-02DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1D	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 12:44:47	DataFile Name :	039SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	158	108	147	23.57	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1L	Dilution Factor :	100
Date & Time Acquired ::	2017-10-17 12:48:15	DataFile Name :	040SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	300	175	208	228	28.42	cps
Antimony	121-1	308	208	242	253	20.14	cps
Arsenic	75-2	46	50	56	51	9.21	cps
Barium	135-1	1158	933	1075	1056	10.78	cps
Barium	137-1	1650	1942	2109	1900	12.21	cps
Beryllium	9-1	17	78	39	44	69.59	cps
Bismuth	209-1	6244298	6374296	6239147	6285913	1.22	cps
Bismuth	209-2	3266126	3246970	3300151	3271082	0.82	cps
Boron	10-1	833	683	833	783	11.06	cps
Boron	11-1	3626	3609	3592	3609	0.46	cps
Cadmium	111-1	1779	1936	1896	1870	4.36	cps
Cadmium	106-1	2534	2759	2700	2664	4.38	cps
Cadmium	108-1	4	17	4	8	86.57	cps
Calcium	43-1	19405	19197	19372	19324	0.58	cps
Calcium	44-1	369495	377149	372336	372993	1.04	cps
Chromium	52-2	887	903	947	912	3.40	cps
Cobalt	59-2	83	70	103	86	19.61	cps
Copper	63-2	2097	2184	2237	2172	3.25	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	10	17	7	11	45.82	cps
Erbium	164-1	33	25	42	33	25.01	cps
Erbium	164-2	3	10	17	10	66.70	cps
Gadolinium	160-1	125	83	108	106	19.87	cps
Gadolinium	160-2	47	60	67	58	17.62	cps
Holmium	165-1	9593273	9602810	9656196	9617426	0.35	cps
Holmium	165-2	4270752	4261908	4338237	4290299	0.97	cps
Indium	115-1	7759260	7689417	7635247	7694641	0.81	cps
Indium	115-2	1348958	1358148	1358736	1355281	0.40	cps
Iron	56-2	5979	5996	5323	5766	6.65	cps
Iron	57-2	278	367	211	285	27.36	cps
Lead	206-1	945	839	811	865	8.13	cps
Lead	207-1	728	622	700	683	8.01	cps
Lead	208-1	3250	3161	3167	3193	1.56	cps
Lithium	6-1	634635	633491	636446	634857	0.23	cps
Magnesium	24-2	89995	90046	90028	90023	0.03	cps
Manganese	55-2	370	397	290	352	15.76	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1L	Dilution Factor :	100
Date & Time Acquired ::	2017-10-17 12:48:15	DataFile Name :	040SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	408	533	442	461	14.04	cps
Molybdenum	95-1	408	408	425	414	2.33	cps
Molybdenum	96-1	617	400	592	536	22.11	cps
Molybdenum	97-1	317	317	267	300	9.62	cps
Molybdenum	98-1	675	708	517	633	16.17	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	127	133	127	129	2.99	cps
Phosphorus	31-2	275	158	142	192	37.91	cps
Potassium	39-2	72360	71715	72577	72217	0.62	cps
Rhodium	103-1	7306573	7355447	7336267	7332762	0.34	cps
Rhodium	103-2	3232117	3228903	3248963	3236661	0.33	cps
Scandium	45-1	4452565	4496489	4499507	4482854	0.59	cps
Scandium	45-2	212948	212989	214233	213390	0.34	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	65	93	80	79	17.59	cps
Selenium	82-1	-44	12	90	19	346.83	cps
Silicon	28-1	792701	791661	792676	792346	0.07	cps
Silver	109-1	292	367	358	339	12.13	cps
Silver	107-1	433	567	417	472	17.41	cps
Sodium	23-2	625506	619400	627429	624111	0.67	cps
Strontium	86-1	24255	24213	24580	24349	0.83	cps
Strontium	88-1	203078	200762	201157	201666	0.61	cps
Sulfur	34-1	678856	676478	672063	675799	0.51	cps
Terbium	159-1	9810200	9952663	10055183	9939349	1.24	cps
Terbium	159-2	4189796	4271305	4294673	4251925	1.29	cps
Thallium	203-1	92	92	100	94	5.09	cps
Thallium	205-1	300	325	200	275	24.05	cps
Tin	118-1	600	525	550	558	6.84	cps
Titanium	47-1	75	250	192	172	51.74	cps
Uranium	238-1	2075	1825	2109	2003	7.73	cps
Vanadium	51-2	97	97	123	106	14.59	cps
Yttrium	89-1	7881323	7893915	7866550	7880596	0.17	cps
Yttrium	89-2	1059862	1065347	1069902	1065037	0.47	cps
Zinc	66-2	410	333	313	352	14.49	cps
Zirconium	90-1	608	567	675	617	8.86	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1L	Dilution Factor :	100
Date & Time Acquired ::	2017-10-17 12:48:15	DataFile Name :	040SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	108	167	128	26.35	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-03DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1S	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 12:51:43	DataFile Name :	041SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6377	6743	7002	6707	4.68	cps
Antimony	121-1	41003	40117	40276	40465	1.17	cps
Arsenic	75-2	869	839	822	843	2.78	cps
Barium	135-1	174078	174416	169389	172627	1.63	cps
Barium	137-1	294953	295553	300275	296927	0.98	cps
Beryllium	9-1	2656	2873	2861	2797	4.36	cps
Bismuth	209-1	6223761	6155694	6195004	6191486	0.55	cps
Bismuth	209-2	3249815	3284301	3326841	3286986	1.17	cps
Boron	10-1	2659	2859	2625	2714	4.65	cps
Boron	11-1	13540	14624	14032	14065	3.86	cps
Cadmium	111-1	6432	6386	6301	6373	1.05	cps
Cadmium	106-1	3017	3150	2950	3039	3.35	cps
Cadmium	108-1	288	308	338	311	8.07	cps
Calcium	43-1	101572	102185	100691	101483	0.74	cps
Calcium	44-1	1701560	1692225	1704916	1699567	0.39	cps
Chromium	52-2	24050	22795	23462	23436	2.68	cps
Cobalt	59-2	92872	94982	94754	94203	1.23	cps
Copper	63-2	37381	37719	37779	37626	0.57	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	13	7	10	10	33.30	cps
Erbium	164-1	50	50	25	42	34.64	cps
Erbium	164-2	17	20	10	16	32.73	cps
Gadolinium	160-1	83	58	67	69	18.33	cps
Gadolinium	160-2	80	50	63	64	23.32	cps
Holmium	165-1	9550384	9533702	9715466	9599851	1.05	cps
Holmium	165-2	4317965	4357516	4343947	4339809	0.46	cps
Indium	115-1	7688845	7532083	7687453	7636127	1.18	cps
Indium	115-2	1346001	1360887	1379363	1362084	1.23	cps
Iron	56-2	100604	100431	99362	100132	0.67	cps
Iron	57-2	2645	2634	2661	2647	0.53	cps
Lead	206-1	6140	6185	6407	6244	2.29	cps
Lead	207-1	5757	5829	5690	5759	1.21	cps
Lead	208-1	25510	25571	25360	25481	0.43	cps
Lithium	6-1	643835	641903	635890	640542	0.65	cps
Magnesium	24-2	479644	480811	481344	480599	0.18	cps
Manganese	55-2	31871	31985	32205	32021	0.53	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-03DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1S	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 12:51:43	DataFile Name :	041SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1175	1125	1458	1253	14.35	cps
Molybdenum	95-1	1717	1975	2050	1914	9.14	cps
Molybdenum	96-1	2167	1959	2117	2081	5.23	cps
Molybdenum	97-1	1242	1183	1042	1156	8.90	cps
Molybdenum	98-1	2875	2867	2875	2873	0.17	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	25372	25840	25736	25649	0.96	cps
Phosphorus	31-2	267	183	217	222	18.87	cps
Potassium	39-2	178174	179246	180662	179361	0.70	cps
Rhodium	103-1	7202294	7282918	7188412	7224542	0.71	cps
Rhodium	103-2	3262874	3292175	3281940	3278996	0.45	cps
Scandium	45-1	4432708	4527568	4476700	4478992	1.06	cps
Scandium	45-2	213152	212462	215660	213758	0.79	cps
Selenium	77-2	30	43	30	34	22.34	cps
Selenium	78-2	159	139	172	157	10.72	cps
Selenium	82-1	652	726	649	676	6.50	cps
Silicon	28-1	2654564	2647168	2615925	2639219	0.78	cps
Silver	109-1	5360	5293	5877	5510	5.80	cps
Silver	107-1	5443	6093	5635	5724	5.84	cps
Sodium	23-2	3164891	3199898	3191522	3185437	0.57	cps
Strontium	86-1	121116	122293	120427	121279	0.78	cps
Strontium	88-1	1071084	1067930	1053658	1064224	0.87	cps
Sulfur	34-1	820741	821697	818361	820266	0.21	cps
Terbium	159-1	9845327	9772996	9859033	9825785	0.47	cps
Terbium	159-2	4289284	4326138	4325511	4313644	0.49	cps
Thallium	203-1	15893	16878	16736	16503	3.23	cps
Thallium	205-1	40763	39752	39192	39902	2.00	cps
Tin	118-1	608	550	533	564	6.98	cps
Titanium	47-1	258	175	242	225	19.60	cps
Uranium	238-1	10680	10488	10179	10449	2.42	cps
Vanadium	51-2	46226	46674	46861	46587	0.70	cps
Yttrium	89-1	7931990	7915448	7689420	7845619	1.73	cps
Yttrium	89-2	1067897	1077508	1079933	1075113	0.59	cps
Zinc	66-2	11018	10424	10491	10644	3.06	cps
Zirconium	90-1	650	633	633	639	1.51	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-03DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1S	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 12:51:43	DataFile Name :	041SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	133	108	108	23.08	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-01DL2X20	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 12:55:11	DataFile Name :	042SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	92	50	72	29.04	cps
Antimony	121-1	417	250	425	364	27.13	cps
Arsenic	75-2	187	191	193	190	1.49	cps
Barium	135-1	5501	5393	5493	5462	1.10	cps
Barium	137-1	9887	9053	9921	9620	5.11	cps
Beryllium	9-1	39	50	72	54	31.61	cps
Bismuth	209-1	6212081	6326488	6265474	6268014	0.91	cps
Bismuth	209-2	3201883	3234512	3260700	3232365	0.91	cps
Boron	10-1	2500	2784	2659	2648	5.36	cps
Boron	11-1	14207	14366	14182	14252	0.70	cps
Cadmium	111-1	1801	1792	1828	1807	1.03	cps
Cadmium	106-1	2575	2584	2592	2584	0.32	cps
Cadmium	108-1	8	29	4	14	96.44	cps
Calcium	43-1	100314	101581	100406	100767	0.70	cps
Calcium	44-1	1690110	1689622	1687127	1688953	0.09	cps
Chromium	52-2	1027	1003	1033	1021	1.54	cps
Cobalt	59-2	100	47	57	68	41.82	cps
Copper	63-2	1960	2127	2037	2041	4.09	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	33	33	0	22	86.60	cps
Erbium	164-2	10	13	13	12	15.73	cps
Gadolinium	160-1	25	58	75	53	48.24	cps
Gadolinium	160-2	80	40	63	61	32.88	cps
Holmium	165-1	9635523	9452545	9640334	9576134	1.12	cps
Holmium	165-2	4332487	4342263	4302583	4325778	0.48	cps
Indium	115-1	7500793	7820221	7719512	7680175	2.13	cps
Indium	115-2	1357242	1357333	1356213	1356929	0.05	cps
Iron	56-2	5924	6302	6012	6079	3.25	cps
Iron	57-2	472	522	372	456	16.77	cps
Lead	206-1	895	1033	1011	980	7.62	cps
Lead	207-1	767	933	833	845	9.93	cps
Lead	208-1	3539	4134	3823	3832	7.76	cps
Lithium	6-1	647622	647020	643244	645962	0.37	cps
Magnesium	24-2	473799	473423	470616	472613	0.37	cps
Manganese	55-2	1293	1257	1337	1296	3.09	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-01DL2X20	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 12:55:11	DataFile Name :	042SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1383	1117	1200	1233	11.06	cps
Molybdenum	95-1	1767	1617	1784	1722	5.33	cps
Molybdenum	96-1	1992	1942	1925	1953	1.78	cps
Molybdenum	97-1	1208	1100	1175	1161	4.78	cps
Molybdenum	98-1	2900	2834	3276	3003	7.93	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	163	210	157	177	16.45	cps
Phosphorus	31-2	208	208	225	214	4.50	cps
Potassium	39-2	174952	174844	175863	175220	0.32	cps
Rhodium	103-1	7280318	7363297	7337866	7327160	0.58	cps
Rhodium	103-2	3269570	3270684	3234832	3258362	0.63	cps
Scandium	45-1	4462749	4560821	4500104	4507891	1.10	cps
Scandium	45-2	213769	214858	211062	213230	0.92	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	59	59	85	68	22.05	cps
Selenium	82-1	80	100	147	109	31.41	cps
Silicon	28-1	2591328	2641259	2619601	2617396	0.96	cps
Silver	109-1	408	375	342	375	8.89	cps
Silver	107-1	500	417	475	464	9.22	cps
Sodium	23-2	3146914	3136366	3146838	3143373	0.19	cps
Strontium	86-1	120529	120604	121377	120836	0.39	cps
Strontium	88-1	1050411	1049822	1060539	1053591	0.57	cps
Sulfur	34-1	831114	830313	829242	830223	0.11	cps
Terbium	159-1	10016469	9939638	10025712	9993939	0.47	cps
Terbium	159-2	4267060	4316474	4230780	4271438	1.01	cps
Thallium	203-1	108	83	100	97	13.09	cps
Thallium	205-1	217	250	233	233	7.14	cps
Tin	118-1	692	1042	717	817	23.95	cps
Titanium	47-1	233	250	217	233	7.14	cps
Uranium	238-1	9662	10046	9954	9888	2.03	cps
Vanadium	51-2	477	503	407	462	10.80	cps
Yttrium	89-1	7792982	7826981	7800322	7806761	0.23	cps
Yttrium	89-2	1069430	1087031	1063506	1073322	1.14	cps
Zinc	66-2	477	503	513	498	3.81	cps
Zirconium	90-1	600	758	658	672	11.91	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-01DL2X20	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 12:55:11	DataFile Name :	042SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	150	125	142	10.19	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-04DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0AZ2	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 12:58:39	DataFile Name :	043SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	750	942	900	864	11.67	cps
Antimony	121-1	392	525	333	417	23.58	cps
Arsenic	75-2	161	159	157	159	1.16	cps
Barium	135-1	5393	5351	5260	5335	1.28	cps
Barium	137-1	9604	8953	9529	9362	3.80	cps
Beryllium	9-1	39	39	28	35	18.23	cps
Bismuth	209-1	6363059	6338719	6294853	6332211	0.55	cps
Bismuth	209-2	3218623	3243566	3239047	3233745	0.41	cps
Boron	10-1	2484	2334	2725	2514	7.86	cps
Boron	11-1	12264	12789	12839	12631	2.52	cps
Cadmium	111-1	2010	1826	1959	1932	4.93	cps
Cadmium	106-1	2850	2617	2775	2748	4.34	cps
Cadmium	108-1	8	21	13	14	45.83	cps
Calcium	43-1	91139	90158	90703	90667	0.54	cps
Calcium	44-1	1525123	1536684	1535134	1532314	0.41	cps
Chromium	52-2	980	1113	1080	1058	6.56	cps
Cobalt	59-2	103	100	87	97	9.12	cps
Copper	63-2	2437	2487	2447	2457	1.08	cps
Dysprosium	156-1	42	33	67	47	36.74	cps
Dysprosium	156-2	10	10	13	11	17.30	cps
Erbium	164-1	17	33	33	28	34.63	cps
Erbium	164-2	23	17	10	17	39.99	cps
Gadolinium	160-1	108	67	58	78	34.44	cps
Gadolinium	160-2	70	63	63	66	5.87	cps
Holmium	165-1	9662080	9777777	9730058	9723305	0.60	cps
Holmium	165-2	4235974	4298759	4356916	4297216	1.41	cps
Indium	115-1	7756493	7738041	7680017	7724850	0.52	cps
Indium	115-2	1328139	1349586	1353081	1343602	1.01	cps
Iron	56-2	6730	6563	6841	6711	2.09	cps
Iron	57-2	467	628	511	535	15.55	cps
Lead	206-1	1028	1089	1039	1052	3.10	cps
Lead	207-1	978	1078	956	1004	6.49	cps
Lead	208-1	4284	4289	4289	4287	0.07	cps
Lithium	6-1	651985	653965	646694	650881	0.58	cps
Magnesium	24-2	398994	408449	406410	404617	1.23	cps
Manganese	55-2	1147	1177	1260	1195	4.92	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-04DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0AZ2	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 12:58:39	DataFile Name :	043SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1192	1208	1167	1189	1.76	cps
Molybdenum	95-1	1358	1592	1342	1431	9.77	cps
Molybdenum	96-1	1917	1842	1800	1853	3.19	cps
Molybdenum	97-1	983	1050	1067	1033	4.27	cps
Molybdenum	98-1	2375	2492	2459	2442	2.46	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	237	233	153	208	22.71	cps
Phosphorus	31-2	183	292	150	208	35.55	cps
Potassium	39-2	169828	171622	170948	170800	0.53	cps
Rhodium	103-1	7356125	7357814	7444252	7386064	0.68	cps
Rhodium	103-2	3154209	3254547	3229967	3212908	1.63	cps
Scandium	45-1	4526376	4597086	4541750	4555070	0.82	cps
Scandium	45-2	208808	212279	212564	211217	0.99	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	67	80	78	75	9.38	cps
Selenium	82-1	182	46	61	96	77.72	cps
Silicon	28-1	2391271	2398338	2412333	2400647	0.45	cps
Silver	109-1	325	300	317	314	4.05	cps
Silver	107-1	342	408	392	381	9.12	cps
Sodium	23-2	2793376	2825658	2848326	2822453	0.98	cps
Strontium	86-1	101685	98571	100862	100372	1.61	cps
Strontium	88-1	868243	874451	866604	869766	0.48	cps
Sulfur	34-1	798723	800117	800588	799809	0.12	cps
Terbium	159-1	9888867	10013264	10051791	9984641	0.85	cps
Terbium	159-2	4185746	4243200	4306959	4245301	1.43	cps
Thallium	203-1	108	83	8	67	78.07	cps
Thallium	205-1	258	200	200	219	15.35	cps
Tin	118-1	808	650	833	764	13.02	cps
Titanium	47-1	175	242	192	203	17.11	cps
Uranium	238-1	8520	8070	7878	8156	4.04	cps
Vanadium	51-2	383	393	403	393	2.54	cps
Yttrium	89-1	7850905	7911892	7891786	7884861	0.39	cps
Yttrium	89-2	1047193	1070554	1083125	1066958	1.71	cps
Zinc	66-2	1250	1120	1273	1215	6.80	cps
Zirconium	90-1	675	608	750	678	10.46	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5689-04DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0AZ2	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 12:58:39	DataFile Name :	043SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	150	117	144	17.63	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 13:02:06	DataFile Name :	044CCV_P7101717-MS_

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3337480	3382132	3426640	3382084	1.32	cps
Antimony	121-1	3771012	3817934	3831180	3806708	0.83	cps
Arsenic	75-2	150266	151058	153174	151499	0.99	cps
Barium	135-1	3936971	3924827	3945449	3935749	0.26	cps
Barium	137-1	7057156	7092643	7025010	7058270	0.48	cps
Beryllium	9-1	541291	539952	543028	541423	0.28	cps
Bismuth	209-1	5818903	5750126	5795938	5788323	0.60	cps
Bismuth	209-2	3072110	3130451	3133653	3112071	1.11	cps
Boron	10-1	74827	77054	78772	76884	2.57	cps
Boron	11-1	385540	394086	393239	390955	1.20	cps
Cadmium	111-1	883317	876576	882390	880761	0.41	cps
Cadmium	106-1	101461	100186	100111	100586	0.75	cps
Cadmium	108-1	64747	64685	66530	65321	1.60	cps
Calcium	43-1	4778637	4821861	4783552	4794684	0.49	cps
Calcium	44-1	74632589	76338981	75949158	75640243	1.18	cps
Chromium	52-2	1103630	1116145	1123003	1114259	0.88	cps
Cobalt	59-2	1740341	1751438	1759831	1750536	0.56	cps
Copper	63-2	2462766	2517090	2494601	2491486	1.10	cps
Dysprosium	156-1	100	108	108	106	4.56	cps
Dysprosium	156-2	40	33	43	39	13.09	cps
Erbium	164-1	50	42	42	44	10.82	cps
Erbium	164-2	13	37	17	22	56.80	cps
Gadolinium	160-1	108	117	142	122	14.19	cps
Gadolinium	160-2	117	83	67	89	28.64	cps
Holmium	165-1	9369693	9358095	9385979	9371256	0.15	cps
Holmium	165-2	4334956	4407340	4424140	4388812	1.08	cps
Indium	115-1	7260900	7319216	7404418	7328178	0.98	cps
Indium	115-2	1337788	1348062	1350242	1345364	0.49	cps
Iron	56-2	212297510	214240205	216288333	214275349	0.93	cps
Iron	57-2	5448969	5455278	5467021	5457089	0.17	cps
Lead	206-1	2452518	2468123	2465160	2461934	0.34	cps
Lead	207-1	2195825	2226607	2202683	2208371	0.73	cps
Lead	208-1	9922207	9958162	9893707	9924692	0.33	cps
Lithium	6-1	645199	648495	658942	650879	1.10	cps
Magnesium	24-2	40177521	40797843	40724606	40566656	0.84	cps
Manganese	55-2	1194930	1214173	1223922	1211008	1.22	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 13:02:06	DataFile Name :	044CCV_P7101717-MS_

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3155600	3220048	3190484	3188711	1.01	cps
Molybdenum	95-1	1706268	1738179	1727954	1724134	0.95	cps
Molybdenum	96-1	2208895	2217335	2222466	2216232	0.31	cps
Molybdenum	97-1	1076252	1092898	1075921	1081690	0.90	cps
Molybdenum	98-1	2736907	2768391	2781303	2762200	0.83	cps
Neodymium	150-1	227	180	193	200	12.02	cps
Neodymium	150-2	27	37	37	33	17.32	cps
Nickel	60-2	468643	470435	470442	469840	0.22	cps
Phosphorus	31-2	46482	46039	46942	46487	0.97	cps
Potassium	39-2	19769802	19926080	20017917	19904600	0.63	cps
Rhodium	103-1	6811046	6840345	6887986	6846459	0.57	cps
Rhodium	103-2	3093204	3131648	3159258	3128037	1.06	cps
Scandium	45-1	4525573	4631144	4640198	4598972	1.39	cps
Scandium	45-2	229597	230095	232089	230594	0.57	cps
Selenium	77-2	2920	2907	3057	2961	2.80	cps
Selenium	78-2	9722	9768	9979	9823	1.40	cps
Selenium	82-1	60332	60260	60146	60246	0.16	cps
Silicon	28-1	2691257	2743670	2753926	2729617	1.23	cps
Silver	109-1	3913027	3910721	3932225	3918658	0.30	cps
Silver	107-1	4078994	4114040	4116338	4103124	0.51	cps
Sodium	23-2	75225464	75865679	76924231	76005125	1.13	cps
Strontium	86-1	1081112	1081644	1094066	1085608	0.68	cps
Strontium	88-1	9604565	9588918	9732771	9642085	0.82	cps
Sulfur	34-1	1006628	1012971	1019175	1012924	0.62	cps
Terbium	159-1	9648060	9645069	9682301	9658476	0.21	cps
Terbium	159-2	4280958	4348683	4374198	4334613	1.11	cps
Thallium	203-1	3002579	3001715	2984805	2996366	0.33	cps
Thallium	205-1	7232565	7337504	7264772	7278280	0.74	cps
Tin	118-1	2714222	2721903	2723886	2720004	0.19	cps
Titanium	47-1	477820	480853	485198	481290	0.77	cps
Uranium	238-1	10583114	10541866	10576239	10567073	0.21	cps
Vanadium	51-2	914644	915387	925822	918618	0.68	cps
Yttrium	89-1	7858008	7917531	7755580	7843706	1.04	cps
Yttrium	89-2	1105041	1119632	1130457	1118377	1.14	cps
Zinc	66-2	367910	374859	375448	372739	1.12	cps
Zirconium	90-1	6139777	6181059	6262802	6194546	1.01	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 13:02:06	DataFile Name :	044CCV_P7101717-MS_

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1348861	1363021	1374624	1362169	0.95	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 13:05:32	DataFile Name :	045CCBE_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	133	167	125	37.12	cps
Antimony	121-1	10971	9679	9996	10215	6.60	cps
Arsenic	75-2	31	35	39	35	10.53	cps
Barium	135-1	50	50	75	58	24.74	cps
Barium	137-1	125	167	217	169	27.09	cps
Beryllium	9-1	117	100	72	96	23.32	cps
Bismuth	209-1	6138420	6112762	6101135	6117439	0.31	cps
Bismuth	209-2	3271540	3269612	3296633	3279262	0.46	cps
Boron	10-1	1342	1250	1142	1245	8.05	cps
Boron	11-1	6360	5868	5385	5871	8.31	cps
Cadmium	111-1	1969	1835	1969	1924	4.03	cps
Cadmium	106-1	2825	2584	2800	2736	4.86	cps
Cadmium	108-1	25	4	17	15	68.61	cps
Calcium	43-1	550	725	567	614	15.73	cps
Calcium	44-1	73910	74772	73391	74024	0.94	cps
Chromium	52-2	967	927	997	963	3.65	cps
Cobalt	59-2	67	110	100	92	24.60	cps
Copper	63-2	1730	1780	1847	1786	3.28	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	50	25	25	33	43.30	cps
Erbium	164-2	13	3	10	9	57.30	cps
Gadolinium	160-1	75	17	67	53	59.77	cps
Gadolinium	160-2	57	60	50	56	9.17	cps
Holmium	165-1	9412140	9370710	9373976	9385609	0.25	cps
Holmium	165-2	4306175	4345792	4360919	4337629	0.65	cps
Indium	115-1	7635907	7684807	7648408	7656374	0.33	cps
Indium	115-2	1377766	1387432	1397289	1387495	0.70	cps
Iron	56-2	8597	8975	9064	8879	2.79	cps
Iron	57-2	350	378	406	378	7.35	cps
Lead	206-1	872	967	928	922	5.15	cps
Lead	207-1	794	917	739	817	11.14	cps
Lead	208-1	3778	3834	3561	3724	3.86	cps
Lithium	6-1	655051	656559	660607	657406	0.44	cps
Magnesium	24-2	767	717	908	797	12.47	cps
Manganese	55-2	113	83	103	100	15.28	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 13:05:32	DataFile Name :	045CCBE_P7101717-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1475	1333	1283	1364	7.29	cps
Molybdenum	95-1	1167	950	833	983	17.20	cps
Molybdenum	96-1	1392	1125	1058	1192	14.80	cps
Molybdenum	97-1	633	608	658	633	3.95	cps
Molybdenum	98-1	1659	1567	1500	1575	5.05	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	137	100	123	120	15.47	cps
Phosphorus	31-2	142	125	200	156	25.32	cps
Potassium	39-2	49944	50152	51197	50431	1.33	cps
Rhodium	103-1	7259150	7374053	7316127	7316443	0.79	cps
Rhodium	103-2	3276456	3286510	3336532	3299833	0.98	cps
Scandium	45-1	4579130	4542396	4592790	4571439	0.57	cps
Scandium	45-2	219760	223432	223336	222176	0.94	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	78	63	91	77	18.02	cps
Selenium	82-1	87	76	85	82	7.09	cps
Silicon	28-1	396861	391313	391597	393257	0.79	cps
Silver	109-1	375	425	275	358	21.31	cps
Silver	107-1	417	358	267	347	21.78	cps
Sodium	23-2	45227	43021	44559	44269	2.56	cps
Strontium	86-1	808	933	967	903	9.25	cps
Strontium	88-1	417	333	425	392	12.94	cps
Sulfur	34-1	639619	627095	627727	631480	1.12	cps
Terbium	159-1	9628120	9801461	9668539	9699374	0.94	cps
Terbium	159-2	4268472	4373766	4387699	4343312	1.50	cps
Thallium	203-1	592	567	492	550	9.46	cps
Thallium	205-1	1675	1433	1283	1464	13.50	cps
Tin	118-1	2325	2084	1842	2084	11.60	cps
Titanium	47-1	133	142	192	156	20.28	cps
Uranium	238-1	217	192	258	222	15.16	cps
Vanadium	51-2	27	40	20	29	35.25	cps
Yttrium	89-1	7754480	7762954	7902538	7806657	1.07	cps
Yttrium	89-2	1092052	1105922	1129940	1109305	1.73	cps
Zinc	66-2	263	267	300	277	7.33	cps
Zirconium	90-1	2075	2000	1784	1953	7.76	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 13:05:32	DataFile Name :	045CCBE_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	408	358	408	392	7.37	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-01DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N2	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:09:01	DataFile Name :	046SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	208	317	231	33.59	cps
Antimony	121-1	3442	3042	3517	3334	7.66	cps
Arsenic	75-2	26	28	20	25	15.62	cps
Barium	135-1	4059	4209	3776	4015	5.48	cps
Barium	137-1	7436	7352	7186	7324	1.74	cps
Beryllium	9-1	94	89	94	93	3.47	cps
Bismuth	209-1	6209428	6117579	6148714	6158573	0.76	cps
Bismuth	209-2	3274440	3278351	3292339	3281710	0.29	cps
Boron	10-1	783	783	500	689	23.75	cps
Boron	11-1	3684	3359	3009	3351	10.08	cps
Cadmium	111-1	2047	1823	1841	1904	6.54	cps
Cadmium	106-1	2684	2242	2342	2423	9.56	cps
Cadmium	108-1	21	13	21	18	26.64	cps
Calcium	43-1	15650	14992	15650	15431	2.47	cps
Calcium	44-1	312746	313985	306093	310941	1.36	cps
Chromium	52-2	997	963	1030	997	3.34	cps
Cobalt	59-2	310	313	313	312	0.62	cps
Copper	63-2	1837	1867	1720	1808	4.29	cps
Dysprosium	156-1	42	25	25	31	31.50	cps
Dysprosium	156-2	17	10	7	11	45.82	cps
Erbium	164-1	67	33	33	44	43.31	cps
Erbium	164-2	27	13	13	18	43.33	cps
Gadolinium	160-1	58	92	67	72	24.02	cps
Gadolinium	160-2	63	70	63	66	5.87	cps
Holmium	165-1	9401475	9445428	9514206	9453703	0.60	cps
Holmium	165-2	4297234	4339075	4388945	4341751	1.06	cps
Indium	115-1	7650997	7685190	7461276	7599154	1.59	cps
Indium	115-2	1369686	1380763	1377139	1375863	0.41	cps
Iron	56-2	35722	36646	36123	36164	1.28	cps
Iron	57-2	1072	1128	1006	1069	5.73	cps
Lead	206-1	2761	2823	2923	2836	2.87	cps
Lead	207-1	2367	2561	2528	2485	4.18	cps
Lead	208-1	10713	11169	11085	10989	2.21	cps
Lithium	6-1	647037	651617	648088	648914	0.37	cps
Magnesium	24-2	38952	38776	40030	39253	1.73	cps
Manganese	55-2	21613	21479	21339	21477	0.64	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-01DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N2	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:09:01	DataFile Name :	046SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	683	742	783	736	6.82	cps
Molybdenum	95-1	442	317	383	381	16.43	cps
Molybdenum	96-1	433	442	550	475	13.70	cps
Molybdenum	97-1	242	308	308	286	13.45	cps
Molybdenum	98-1	600	442	683	575	21.35	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	250	220	160	210	21.82	cps
Phosphorus	31-2	133	225	158	172	27.51	cps
Potassium	39-2	64683	66031	64892	65202	1.11	cps
Rhodium	103-1	7244798	7309267	7234431	7262832	0.56	cps
Rhodium	103-2	3270452	3266779	3306702	3281311	0.67	cps
Scandium	45-1	4575805	4658530	4500206	4578180	1.73	cps
Scandium	45-2	220591	222283	218419	220431	0.88	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	76	81	91	83	9.05	cps
Selenium	82-1	112	147	144	134	14.41	cps
Silicon	28-1	2457177	2472369	2457523	2462357	0.35	cps
Silver	109-1	325	267	250	281	14.04	cps
Silver	107-1	358	408	325	364	11.53	cps
Sodium	23-2	92854	94848	93138	93613	1.15	cps
Strontium	86-1	9312	8961	9695	9323	3.94	cps
Strontium	88-1	77837	77669	76689	77398	0.80	cps
Sulfur	34-1	635716	636819	629643	634059	0.61	cps
Terbium	159-1	9905769	10017605	9718042	9880472	1.53	cps
Terbium	159-2	4309376	4297812	4364684	4323957	0.83	cps
Thallium	203-1	325	342	333	333	2.50	cps
Thallium	205-1	850	842	1083	925	14.83	cps
Tin	118-1	1025	1117	1075	1072	4.28	cps
Titanium	47-1	217	267	217	233	12.37	cps
Uranium	238-1	358	408	325	364	11.53	cps
Vanadium	51-2	50	57	57	54	7.07	cps
Yttrium	89-1	7938831	7867413	7749451	7851898	1.22	cps
Yttrium	89-2	1097556	1101793	1103398	1100916	0.27	cps
Zinc	66-2	9747	10334	9987	10022	2.94	cps
Zirconium	90-1	1525	1517	1400	1481	4.72	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-01DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N2	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:09:01	DataFile Name :	046SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	333	342	292	322	8.31	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-02DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N3	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:12:30	DataFile Name :	047SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	183	150	167	10.00	cps
Antimony	121-1	1792	1917	1834	1847	3.45	cps
Arsenic	75-2	15	7	15	12	34.61	cps
Barium	135-1	4359	4059	4309	4243	3.79	cps
Barium	137-1	7752	6610	6885	7083	8.42	cps
Beryllium	9-1	72	56	83	70	19.87	cps
Bismuth	209-1	6156753	6314955	6197807	6223172	1.32	cps
Bismuth	209-2	3257765	3267630	3255245	3260213	0.20	cps
Boron	10-1	508	458	375	447	15.06	cps
Boron	11-1	2375	2334	2534	2414	4.37	cps
Cadmium	111-1	1910	2015	1825	1917	4.97	cps
Cadmium	106-1	2425	2592	2350	2456	5.04	cps
Cadmium	108-1	13	17	17	15	15.76	cps
Calcium	43-1	15751	16260	15826	15945	1.72	cps
Calcium	44-1	320177	318929	320190	319765	0.23	cps
Chromium	52-2	967	1003	1043	1005	3.82	cps
Cobalt	59-2	307	287	340	311	8.66	cps
Copper	63-2	1810	1687	1863	1787	5.07	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	7	17	17	13	43.29	cps
Erbium	164-1	25	75	92	64	54.31	cps
Erbium	164-2	13	27	17	19	36.75	cps
Gadolinium	160-1	125	42	58	75	58.79	cps
Gadolinium	160-2	70	93	57	73	25.31	cps
Holmium	165-1	9572111	9714977	9715664	9667584	0.86	cps
Holmium	165-2	4328256	4341376	4329983	4333205	0.16	cps
Indium	115-1	7641421	7664995	7673852	7660089	0.22	cps
Indium	115-2	1382884	1392039	1380285	1385069	0.45	cps
Iron	56-2	33478	33895	34797	34057	1.98	cps
Iron	57-2	945	1045	995	995	5.03	cps
Lead	206-1	2684	2795	2917	2799	4.17	cps
Lead	207-1	2517	2428	2567	2504	2.81	cps
Lead	208-1	10858	11208	11797	11287	4.21	cps
Lithium	6-1	650042	644493	644416	646317	0.50	cps
Magnesium	24-2	39336	39453	40155	39648	1.12	cps
Manganese	55-2	22033	21967	22804	22268	2.09	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-02DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N3	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:12:30	DataFile Name :	047SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	467	517	583	522	11.21	cps
Molybdenum	95-1	250	233	233	239	4.03	cps
Molybdenum	96-1	367	600	333	433	33.53	cps
Molybdenum	97-1	200	158	183	181	11.62	cps
Molybdenum	98-1	383	333	342	353	7.59	cps
Neodymium	150-1	20	20	13	18	21.66	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	290	253	200	248	18.26	cps
Phosphorus	31-2	183	125	150	153	19.15	cps
Potassium	39-2	67019	66273	66215	66502	0.67	cps
Rhodium	103-1	7372289	7391773	7371261	7378441	0.16	cps
Rhodium	103-2	3279696	3281093	3306102	3288964	0.45	cps
Scandium	45-1	4543169	4552213	4558290	4551224	0.17	cps
Scandium	45-2	221725	220647	221919	221430	0.31	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	83	117	98	99	16.81	cps
Selenium	82-1	119	161	129	136	16.05	cps
Silicon	28-1	2508315	2517504	2528836	2518218	0.41	cps
Silver	109-1	250	225	275	250	10.00	cps
Silver	107-1	342	192	225	253	31.16	cps
Sodium	23-2	93391	92845	92442	92893	0.51	cps
Strontium	86-1	9645	10229	10246	10040	3.41	cps
Strontium	88-1	79822	78943	79337	79367	0.56	cps
Sulfur	34-1	614532	621668	617436	617879	0.58	cps
Terbium	159-1	10053477	9994498	9894635	9980870	0.80	cps
Terbium	159-2	4329535	4273036	4336899	4313156	0.81	cps
Thallium	203-1	242	233	200	225	9.80	cps
Thallium	205-1	525	542	608	558	7.90	cps
Tin	118-1	850	883	667	800	14.58	cps
Titanium	47-1	183	208	308	233	28.35	cps
Uranium	238-1	158	100	117	125	24.04	cps
Vanadium	51-2	30	40	57	42	31.91	cps
Yttrium	89-1	7923863	7943148	7887858	7918290	0.35	cps
Yttrium	89-2	1100633	1099537	1108186	1102785	0.43	cps
Zinc	66-2	10804	10587	10591	10661	1.17	cps
Zirconium	90-1	1267	1025	1242	1178	11.29	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-02DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N3	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:12:30	DataFile Name :	047SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	217	275	258	250	12.02	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-03DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:15:59	DataFile Name :	048SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	592	700	700	664	9.42	cps
Antimony	121-1	1092	992	1333	1139	15.42	cps
Arsenic	75-2	17	19	24	20	19.50	cps
Barium	135-1	2217	2100	2084	2134	3.41	cps
Barium	137-1	3876	4409	3726	4004	8.97	cps
Beryllium	9-1	72	44	78	65	27.55	cps
Bismuth	209-1	6139619	6187428	6218729	6181926	0.64	cps
Bismuth	209-2	3217764	3244121	3247861	3236582	0.51	cps
Boron	10-1	333	317	308	319	3.98	cps
Boron	11-1	1692	1750	1834	1759	4.05	cps
Cadmium	111-1	1784	1776	1784	1781	0.23	cps
Cadmium	106-1	2509	2467	2517	2498	1.07	cps
Cadmium	108-1	8	13	17	13	33.36	cps
Calcium	43-1	181291	183085	184368	182915	0.84	cps
Calcium	44-1	3053785	3045677	3033029	3044164	0.34	cps
Chromium	52-2	1010	950	907	956	5.43	cps
Cobalt	59-2	117	180	130	142	23.48	cps
Copper	63-2	1660	1593	1563	1606	3.08	cps
Dysprosium	156-1	25	0	17	14	91.65	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	8	25	33	22	57.29	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	25	75	58	53	48.24	cps
Gadolinium	160-2	47	23	57	42	40.52	cps
Holmium	165-1	9429330	9588821	9474931	9497694	0.86	cps
Holmium	165-2	4354173	4358309	4350235	4354239	0.09	cps
Indium	115-1	7745521	7668095	7695008	7702875	0.51	cps
Indium	115-2	1370586	1373542	1386479	1376869	0.61	cps
Iron	56-2	16042	15998	16165	16068	0.54	cps
Iron	57-2	950	922	922	932	1.72	cps
Lead	206-1	1278	1256	1295	1276	1.53	cps
Lead	207-1	1083	1139	1206	1143	5.36	cps
Lead	208-1	5062	4800	5173	5012	3.81	cps
Lithium	6-1	636252	638627	630972	635284	0.62	cps
Magnesium	24-2	294781	294578	297154	295504	0.48	cps
Manganese	55-2	5705	5598	5765	5689	1.48	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-03DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:15:59	DataFile Name :	048SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	492	575	350	472	24.09	cps
Molybdenum	95-1	192	200	250	214	14.75	cps
Molybdenum	96-1	383	300	267	317	18.98	cps
Molybdenum	97-1	125	150	167	147	14.24	cps
Molybdenum	98-1	283	275	317	292	7.56	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	160	157	193	170	11.93	cps
Phosphorus	31-2	158	125	158	147	13.07	cps
Potassium	39-2	95380	96874	96152	96135	0.78	cps
Rhodium	103-1	7299738	7231974	7346821	7292844	0.79	cps
Rhodium	103-2	3305046	3312929	3327323	3315100	0.34	cps
Scandium	45-1	4543508	4597078	4529251	4556612	0.78	cps
Scandium	45-2	220151	220468	223315	221311	0.79	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	70	80	69	73	8.17	cps
Selenium	82-1	176	107	110	131	29.91	cps
Silicon	28-1	1655115	1636618	1656706	1649480	0.68	cps
Silver	109-1	267	142	233	214	30.26	cps
Silver	107-1	233	283	258	258	9.68	cps
Sodium	23-2	83658	84320	85107	84362	0.86	cps
Strontium	86-1	39890	40424	39438	39918	1.24	cps
Strontium	88-1	341012	347757	345673	344814	1.00	cps
Sulfur	34-1	878116	883227	875255	878866	0.46	cps
Terbium	159-1	9996977	9901651	9895259	9931295	0.57	cps
Terbium	159-2	4299431	4319752	4327545	4315576	0.34	cps
Thallium	203-1	175	217	233	208	14.42	cps
Thallium	205-1	475	425	367	422	12.84	cps
Tin	118-1	833	858	783	825	4.63	cps
Titanium	47-1	192	142	217	183	20.83	cps
Uranium	238-1	750	750	725	742	1.95	cps
Vanadium	51-2	33	47	27	36	28.64	cps
Yttrium	89-1	7783043	7987805	7909547	7893465	1.31	cps
Yttrium	89-2	1093580	1107666	1101321	1100856	0.64	cps
Zinc	66-2	4404	4387	4587	4460	2.49	cps
Zirconium	90-1	1058	975	1175	1070	9.39	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-03DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:15:59	DataFile Name :	048SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	292	217	217	242	17.92	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-04DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4D	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:19:26	DataFile Name :	049SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	108	158	133	18.75	cps
Antimony	121-1	708	908	817	811	12.34	cps
Arsenic	75-2	13	15	11	13	14.27	cps
Barium	135-1	2200	2259	2317	2259	2.58	cps
Barium	137-1	4134	4084	4109	4109	0.61	cps
Beryllium	9-1	44	50	67	54	21.53	cps
Bismuth	209-1	6240139	6282047	6159586	6227257	1.00	cps
Bismuth	209-2	3243923	3243378	3239086	3242129	0.08	cps
Boron	10-1	367	325	400	364	10.33	cps
Boron	11-1	1700	1742	1567	1670	5.48	cps
Cadmium	111-1	1933	1704	1741	1792	6.86	cps
Cadmium	106-1	2734	2417	2475	2542	6.63	cps
Cadmium	108-1	8	13	13	11	21.67	cps
Calcium	43-1	187291	185332	186980	186534	0.56	cps
Calcium	44-1	3067606	3072300	3083427	3074445	0.26	cps
Chromium	52-2	950	957	997	968	2.61	cps
Cobalt	59-2	143	150	147	147	2.27	cps
Copper	63-2	1620	1593	1753	1656	5.18	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	8	33	17	19	65.47	cps
Erbium	164-2	13	13	17	14	13.35	cps
Gadolinium	160-1	83	67	92	81	15.80	cps
Gadolinium	160-2	60	70	60	63	9.12	cps
Holmium	165-1	9577392	9684777	9561464	9607878	0.70	cps
Holmium	165-2	4282888	4339725	4328615	4317076	0.70	cps
Indium	115-1	7692964	7730427	7716696	7713362	0.25	cps
Indium	115-2	1356593	1376288	1384983	1372621	1.06	cps
Iron	56-2	15053	15803	16143	15666	3.56	cps
Iron	57-2	1000	889	856	915	8.27	cps
Lead	206-1	1178	1206	1383	1256	8.88	cps
Lead	207-1	1056	1111	1111	1093	2.94	cps
Lead	208-1	4706	5128	5112	4982	4.80	cps
Lithium	6-1	630430	633288	632523	632080	0.23	cps
Magnesium	24-2	299634	300863	306732	302409	1.25	cps
Manganese	55-2	5478	5715	5965	5719	4.26	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-04DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4D	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:19:26	DataFile Name :	049SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	442	325	417	394	15.57	cps
Molybdenum	95-1	133	100	150	128	19.93	cps
Molybdenum	96-1	183	283	300	256	24.69	cps
Molybdenum	97-1	217	142	150	169	24.26	cps
Molybdenum	98-1	258	200	167	208	22.27	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	173	153	177	168	7.52	cps
Phosphorus	31-2	167	217	100	161	36.33	cps
Potassium	39-2	96186	97058	96857	96700	0.47	cps
Rhodium	103-1	7215140	7278380	7240263	7244595	0.44	cps
Rhodium	103-2	3224349	3277576	3326525	3276150	1.56	cps
Scandium	45-1	4526560	4591210	4574622	4564131	0.74	cps
Scandium	45-2	219164	221213	221852	220743	0.64	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	72	87	72	77	11.09	cps
Selenium	82-1	230	107	181	173	35.93	cps
Silicon	28-1	1658433	1664349	1668629	1663804	0.31	cps
Silver	109-1	150	242	192	194	23.60	cps
Silver	107-1	267	275	150	231	30.31	cps
Sodium	23-2	85259	84991	84135	84795	0.69	cps
Strontium	86-1	39581	41662	41527	40923	2.85	cps
Strontium	88-1	349735	348123	342026	346628	1.17	cps
Sulfur	34-1	904058	905274	905956	905096	0.11	cps
Terbium	159-1	9806735	10067994	9947706	9940812	1.32	cps
Terbium	159-2	4277615	4306155	4309880	4297883	0.41	cps
Thallium	203-1	125	142	108	125	13.33	cps
Thallium	205-1	383	308	358	350	10.91	cps
Tin	118-1	583	783	808	725	17.01	cps
Titanium	47-1	225	125	167	172	29.16	cps
Uranium	238-1	642	767	575	661	14.72	cps
Vanadium	51-2	33	40	53	42	24.12	cps
Yttrium	89-1	7722555	7886952	7829004	7812837	1.07	cps
Yttrium	89-2	1078157	1094657	1103704	1092173	1.19	cps
Zinc	66-2	1023	1063	1110	1066	4.07	cps
Zirconium	90-1	1025	1033	950	1003	4.58	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-04DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4D	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:19:26	DataFile Name :	049SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	175	258	203	23.73	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-03LDLX100	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4L	Dilution Factor :	100
Date & Time Acquired ::	2017-10-17 13:22:53	DataFile Name :	050SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	125	183	133	34.80	cps
Antimony	121-1	558	525	575	553	4.61	cps
Arsenic	75-2	17	15	15	15	6.96	cps
Barium	135-1	533	583	533	550	5.25	cps
Barium	137-1	767	858	842	822	5.94	cps
Beryllium	9-1	56	39	89	61	41.66	cps
Bismuth	209-1	6156106	6125812	6167099	6149672	0.35	cps
Bismuth	209-2	3220010	3130575	3245796	3198794	1.89	cps
Boron	10-1	267	192	233	231	16.30	cps
Boron	11-1	1467	1542	1475	1495	2.75	cps
Cadmium	111-1	1722	1656	1822	1734	4.83	cps
Cadmium	106-1	2467	2350	2592	2470	4.89	cps
Cadmium	108-1	13	8	13	11	21.67	cps
Calcium	43-1	36605	35986	35552	36048	1.47	cps
Calcium	44-1	638499	642367	646242	642369	0.60	cps
Chromium	52-2	883	933	887	901	3.10	cps
Cobalt	59-2	83	113	37	78	49.67	cps
Copper	63-2	1587	1420	1443	1483	6.08	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	50	33	33	39	24.75	cps
Erbium	164-2	17	3	17	12	63.01	cps
Gadolinium	160-1	92	58	33	61	47.89	cps
Gadolinium	160-2	60	70	43	58	23.32	cps
Holmium	165-1	9427720	9391524	9612083	9477109	1.25	cps
Holmium	165-2	4311556	4208788	4319320	4279888	1.44	cps
Indium	115-1	7611880	7617144	7690176	7639733	0.57	cps
Indium	115-2	1371186	1342281	1364034	1359167	1.11	cps
Iron	56-2	7219	7569	7686	7491	3.24	cps
Iron	57-2	428	444	433	435	1.95	cps
Lead	206-1	794	917	895	869	7.50	cps
Lead	207-1	778	589	744	704	14.33	cps
Lead	208-1	3484	3334	3650	3489	4.54	cps
Lithium	6-1	623895	627465	629609	626990	0.46	cps
Magnesium	24-2	56767	58817	59896	58493	2.72	cps
Manganese	55-2	1223	1150	1047	1140	7.79	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-03LDLX100	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4L	Dilution Factor :	100
Date & Time Acquired ::	2017-10-17 13:22:53	DataFile Name :	050SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	300	283	383	322	16.63	cps
Molybdenum	95-1	108	83	108	100	14.43	cps
Molybdenum	96-1	308	242	167	239	29.67	cps
Molybdenum	97-1	75	108	167	117	39.77	cps
Molybdenum	98-1	200	183	192	192	4.35	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	120	137	123	127	6.96	cps
Phosphorus	31-2	217	183	125	175	26.51	cps
Potassium	39-2	57604	59528	58265	58466	1.67	cps
Rhodium	103-1	7257778	7449372	7348536	7351895	1.30	cps
Rhodium	103-2	3274701	3228547	3286903	3263384	0.94	cps
Scandium	45-1	4497541	4498797	4469574	4488637	0.37	cps
Scandium	45-2	217870	215853	218975	217566	0.73	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	70	56	85	70	21.05	cps
Selenium	82-1	49	108	24	60	71.02	cps
Silicon	28-1	621926	618618	622004	620849	0.31	cps
Silver	109-1	183	150	183	172	11.17	cps
Silver	107-1	258	300	250	269	9.94	cps
Sodium	23-2	38910	39712	38542	39055	1.53	cps
Strontium	86-1	8486	8503	8269	8419	1.55	cps
Strontium	88-1	69352	67032	69351	68578	1.95	cps
Sulfur	34-1	690752	693677	696601	693677	0.42	cps
Terbium	159-1	9831873	9873596	9934271	9879913	0.52	cps
Terbium	159-2	4291510	4230488	4308777	4276925	0.96	cps
Thallium	203-1	167	167	183	172	5.58	cps
Thallium	205-1	358	492	342	397	20.70	cps
Tin	118-1	733	683	650	689	6.09	cps
Titanium	47-1	175	242	217	211	15.95	cps
Uranium	238-1	250	233	250	244	3.93	cps
Vanadium	51-2	23	20	20	21	9.11	cps
Yttrium	89-1	7846807	7752143	7931406	7843452	1.14	cps
Yttrium	89-2	1081130	1072663	1106838	1086877	1.64	cps
Zinc	66-2	297	380	390	356	14.41	cps
Zirconium	90-1	683	825	825	778	10.52	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-03LDLX100	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4L	Dilution Factor :	100
Date & Time Acquired ::	2017-10-17 13:22:53	DataFile Name :	050SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	192	225	189	19.89	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-05DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4S	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:26:21	DataFile Name :	051SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6643	6410	6802	6618	2.98	cps
Antimony	121-1	42323	40744	41646	41571	1.91	cps
Arsenic	75-2	635	607	609	617	2.52	cps
Barium	135-1	172605	169624	167028	169752	1.64	cps
Barium	137-1	293980	292698	290425	292367	0.62	cps
Beryllium	9-1	2806	2728	2723	2752	1.69	cps
Bismuth	209-1	6135741	6302995	6245134	6227957	1.36	cps
Bismuth	209-2	3179016	3238205	3267900	3228374	1.40	cps
Boron	10-1	217	317	175	236	30.84	cps
Boron	11-1	1417	1450	1275	1381	6.73	cps
Cadmium	111-1	6998	6254	6479	6577	5.80	cps
Cadmium	106-1	3276	2884	3159	3106	6.48	cps
Cadmium	108-1	279	296	279	285	3.38	cps
Calcium	43-1	180742	185737	179419	181966	1.83	cps
Calcium	44-1	2980264	3001419	2992081	2991255	0.35	cps
Chromium	52-2	24220	23743	23990	23984	1.00	cps
Cobalt	59-2	94985	95754	96290	95676	0.69	cps
Copper	63-2	37140	36493	37679	37104	1.60	cps
Dysprosium	156-1	58	25	17	33	66.14	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	8	33	58	33	75.02	cps
Erbium	164-2	10	17	20	16	32.73	cps
Gadolinium	160-1	100	100	75	92	15.75	cps
Gadolinium	160-2	73	73	83	77	7.52	cps
Holmium	165-1	9558273	9818746	9504604	9627208	1.75	cps
Holmium	165-2	4285619	4313226	4376542	4325129	1.08	cps
Indium	115-1	7709062	7651388	7661330	7673927	0.40	cps
Indium	115-2	1357031	1371980	1384983	1371331	1.02	cps
Iron	56-2	111083	110843	111101	111009	0.13	cps
Iron	57-2	3350	3434	3056	3280	6.05	cps
Lead	206-1	6757	6785	6997	6846	1.91	cps
Lead	207-1	6068	5740	5446	5751	5.41	cps
Lead	208-1	27256	26505	26667	26810	1.47	cps
Lithium	6-1	641223	641604	629663	637497	1.06	cps
Magnesium	24-2	294192	296167	300898	297085	1.16	cps
Manganese	55-2	36719	37675	37214	37203	1.28	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-05DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4S	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:26:21	DataFile Name :	051SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	425	392	450	422	6.93	cps
Molybdenum	95-1	83	100	142	108	27.73	cps
Molybdenum	96-1	233	283	317	278	15.10	cps
Molybdenum	97-1	100	133	133	122	15.75	cps
Molybdenum	98-1	225	125	233	194	31.00	cps
Neodymium	150-1	27	0	7	11	124.89	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	25863	25729	25943	25845	0.42	cps
Phosphorus	31-2	200	158	183	181	11.62	cps
Potassium	39-2	94935	94341	94684	94654	0.32	cps
Rhodium	103-1	7413915	7392977	7298081	7368324	0.84	cps
Rhodium	103-2	3241158	3290180	3289538	3273625	0.86	cps
Scandium	45-1	4591306	4603363	4490306	4561658	1.36	cps
Scandium	45-2	217061	219293	219948	218767	0.69	cps
Selenium	77-2	13	17	37	22	56.80	cps
Selenium	78-2	167	180	163	170	5.15	cps
Selenium	82-1	712	718	665	698	4.15	cps
Silicon	28-1	1644770	1652399	1632726	1643299	0.60	cps
Silver	109-1	5660	5710	5835	5735	1.57	cps
Silver	107-1	5952	6035	6077	6021	1.06	cps
Sodium	23-2	82334	82401	81613	82116	0.53	cps
Strontium	86-1	38761	39531	38904	39065	1.05	cps
Strontium	88-1	343154	343018	339449	341874	0.61	cps
Sulfur	34-1	927713	920787	917151	921884	0.58	cps
Terbium	159-1	9844824	10070808	9956716	9957449	1.13	cps
Terbium	159-2	4249104	4323367	4346334	4306268	1.18	cps
Thallium	203-1	16469	16444	15676	16197	2.78	cps
Thallium	205-1	40605	39434	38055	39365	3.24	cps
Tin	118-1	725	667	575	656	11.53	cps
Titanium	47-1	208	208	208	208	0.00	cps
Uranium	238-1	825	700	650	725	12.43	cps
Vanadium	51-2	47135	47045	47503	47228	0.51	cps
Yttrium	89-1	7907177	7923262	7873686	7901375	0.32	cps
Yttrium	89-2	1083924	1095948	1103237	1094370	0.89	cps
Zinc	66-2	11258	11428	11194	11293	1.07	cps
Zirconium	90-1	717	892	808	806	10.87	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-05DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4S	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:26:21	DataFile Name :	051SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	217	217	181	34.64	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-06DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N5	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:29:48	DataFile Name :	052SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	100	133	117	14.29	cps
Antimony	121-1	492	475	475	481	2.00	cps
Arsenic	75-2	154	161	161	159	2.69	cps
Barium	135-1	6243	6235	6002	6160	2.23	cps
Barium	137-1	10446	10596	10613	10552	0.87	cps
Beryllium	9-1	33	44	67	48	35.25	cps
Bismuth	209-1	6218239	6301992	6233893	6251375	0.71	cps
Bismuth	209-2	3208115	3217793	3235293	3220400	0.43	cps
Boron	10-1	417	392	417	408	3.53	cps
Boron	11-1	2000	1800	1700	1834	8.33	cps
Cadmium	111-1	1833	1957	1682	1824	7.55	cps
Cadmium	106-1	2625	2759	2392	2592	7.16	cps
Cadmium	108-1	25	4	13	14	75.48	cps
Calcium	43-1	44919	45312	45680	45304	0.84	cps
Calcium	44-1	786928	787537	784346	786270	0.22	cps
Chromium	52-2	883	980	1033	966	7.88	cps
Cobalt	59-2	1217	1280	1213	1237	3.04	cps
Copper	63-2	1530	1467	1547	1515	2.79	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	33	67	25	42	52.92	cps
Erbium	164-2	27	10	10	16	61.87	cps
Gadolinium	160-1	83	75	75	78	6.19	cps
Gadolinium	160-2	53	50	57	53	6.25	cps
Holmium	165-1	9588924	9668462	9577486	9611624	0.52	cps
Holmium	165-2	4277679	4325373	4334834	4312629	0.71	cps
Indium	115-1	7732279	7723292	7730687	7728753	0.06	cps
Indium	115-2	1336475	1355753	1367126	1353118	1.15	cps
Iron	56-2	691432	692663	700075	694723	0.67	cps
Iron	57-2	17583	17049	17071	17235	1.75	cps
Lead	206-1	1250	1156	1133	1180	5.25	cps
Lead	207-1	1095	1072	1083	1083	1.03	cps
Lead	208-1	4889	4706	4784	4793	1.92	cps
Lithium	6-1	640021	646169	645231	643807	0.51	cps
Magnesium	24-2	132650	133945	131271	132622	1.01	cps
Manganese	55-2	208273	208780	210250	209101	0.49	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-06DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N5	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:29:48	DataFile Name :	052SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	250	342	325	306	15.98	cps
Molybdenum	95-1	158	192	108	153	27.45	cps
Molybdenum	96-1	233	200	133	189	26.96	cps
Molybdenum	97-1	125	142	125	131	7.37	cps
Molybdenum	98-1	150	192	183	175	12.60	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	393	487	450	443	10.61	cps
Phosphorus	31-2	150	142	308	200	46.96	cps
Potassium	39-2	71958	74487	75392	73946	2.41	cps
Rhodium	103-1	7379647	7423899	7392430	7398659	0.31	cps
Rhodium	103-2	3209512	3230783	3257993	3232762	0.75	cps
Scandium	45-1	4640564	4559873	4562880	4587772	1.00	cps
Scandium	45-2	215616	214835	216581	215677	0.41	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	67	74	52	64	17.62	cps
Selenium	82-1	21	105	59	62	68.21	cps
Silicon	28-1	2095293	2087883	2081144	2088107	0.34	cps
Silver	109-1	158	175	208	181	14.10	cps
Silver	107-1	217	192	200	203	6.28	cps
Sodium	23-2	242241	241330	242861	242144	0.32	cps
Strontium	86-1	13707	13548	13398	13551	1.14	cps
Strontium	88-1	110575	109264	110869	110236	0.78	cps
Sulfur	34-1	742389	734379	729764	735511	0.87	cps
Terbium	159-1	9992421	9948303	9925727	9955483	0.34	cps
Terbium	159-2	4239509	4274717	4287190	4267139	0.58	cps
Thallium	203-1	67	108	158	111	41.31	cps
Thallium	205-1	292	375	283	317	16.01	cps
Tin	118-1	583	517	767	622	20.81	cps
Titanium	47-1	242	200	175	206	16.38	cps
Uranium	238-1	58	92	92	81	23.89	cps
Vanadium	51-2	27	27	27	27	0.00	cps
Yttrium	89-1	7919283	7953874	7969080	7947412	0.32	cps
Yttrium	89-2	1069915	1079857	1082349	1077374	0.61	cps
Zinc	66-2	92021	93228	93406	92885	0.81	cps
Zirconium	90-1	808	625	683	706	13.27	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-06DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N5	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:29:48	DataFile Name :	052SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	183	200	167	26.46	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-07DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N6	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:33:16	DataFile Name :	053SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	100	67	67	50.00	cps
Antimony	121-1	300	308	400	336	16.51	cps
Arsenic	75-2	7	4	6	6	33.38	cps
Barium	135-1	58	92	33	61	47.89	cps
Barium	137-1	58	92	83	78	22.30	cps
Beryllium	9-1	39	39	28	35	18.23	cps
Bismuth	209-1	6070214	6409537	6228532	6236095	2.72	cps
Bismuth	209-2	3185633	3248570	3241262	3225155	1.07	cps
Boron	10-1	183	317	208	236	30.02	cps
Boron	11-1	933	933	1017	961	5.01	cps
Cadmium	111-1	1715	1947	1709	1790	7.58	cps
Cadmium	106-1	2450	2775	2450	2559	7.34	cps
Cadmium	108-1	13	0	8	7	91.66	cps
Calcium	43-1	600	358	508	489	24.96	cps
Calcium	44-1	62734	62374	63220	62776	0.68	cps
Chromium	52-2	883	787	887	852	6.66	cps
Cobalt	59-2	67	63	63	64	2.99	cps
Copper	63-2	1487	1523	1563	1525	2.52	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	42	42	25	36	26.65	cps
Erbium	164-2	23	17	10	17	39.99	cps
Gadolinium	160-1	83	83	75	81	5.98	cps
Gadolinium	160-2	53	53	73	60	19.25	cps
Holmium	165-1	9413468	9645784	9594770	9551341	1.28	cps
Holmium	165-2	4271415	4320041	4341462	4310973	0.83	cps
Indium	115-1	7538996	7869927	7650455	7686459	2.19	cps
Indium	115-2	1342427	1349631	1356679	1349579	0.53	cps
Iron	56-2	5023	4779	4640	4814	4.03	cps
Iron	57-2	300	267	306	291	7.23	cps
Lead	206-1	1056	1072	961	1030	5.82	cps
Lead	207-1	911	811	933	885	7.36	cps
Lead	208-1	4106	4073	4050	4076	0.69	cps
Lithium	6-1	635879	654452	641885	644072	1.47	cps
Magnesium	24-2	317	317	358	331	7.28	cps
Manganese	55-2	80	50	93	74	29.82	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-07DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N6	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:33:16	DataFile Name :	053SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	208	217	208	211	2.28	cps
Molybdenum	95-1	117	75	83	92	24.05	cps
Molybdenum	96-1	142	50	200	131	57.92	cps
Molybdenum	97-1	50	75	100	75	33.34	cps
Molybdenum	98-1	117	100	117	111	8.66	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	150	97	100	116	25.85	cps
Phosphorus	31-2	225	167	133	175	26.51	cps
Potassium	39-2	48355	46859	47402	47538	1.59	cps
Rhodium	103-1	7241544	7515387	7298012	7351648	1.97	cps
Rhodium	103-2	3233110	3269591	3265462	3256054	0.61	cps
Scandium	45-1	4394922	4681284	4573307	4549838	3.18	cps
Scandium	45-2	213179	212716	217085	214327	1.12	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	85	96	65	82	19.45	cps
Selenium	82-1	20	-26	64	19	236.86	cps
Silicon	28-1	371747	372199	369826	371257	0.34	cps
Silver	109-1	133	167	158	153	11.35	cps
Silver	107-1	133	175	217	175	23.81	cps
Sodium	23-2	27451	26866	27968	27429	2.01	cps
Strontium	86-1	892	825	817	845	4.87	cps
Strontium	88-1	350	192	275	272	29.09	cps
Sulfur	34-1	653363	656640	649109	653037	0.58	cps
Terbium	159-1	9677279	10110341	9939731	9909117	2.20	cps
Terbium	159-2	4206036	4313407	4304632	4274692	1.39	cps
Thallium	203-1	125	225	75	142	53.91	cps
Thallium	205-1	233	250	225	236	5.39	cps
Tin	118-1	642	658	717	672	5.86	cps
Titanium	47-1	192	142	175	169	15.03	cps
Uranium	238-1	25	108	50	61	69.98	cps
Vanadium	51-2	37	30	10	26	54.31	cps
Yttrium	89-1	7590117	8056412	7827853	7824794	2.98	cps
Yttrium	89-2	1069046	1081014	1089812	1079957	0.97	cps
Zinc	66-2	387	430	400	406	5.47	cps
Zirconium	90-1	708	742	575	675	13.07	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-07DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N6	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:33:16	DataFile Name :	053SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	225	142	167	30.41	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-08DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N7	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:36:44	DataFile Name :	054SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	108	108	111	4.33	cps
Antimony	121-1	217	292	275	261	15.08	cps
Arsenic	75-2	9	6	7	7	24.97	cps
Barium	135-1	33	108	33	58	74.24	cps
Barium	137-1	133	150	100	128	19.93	cps
Beryllium	9-1	50	28	50	43	30.12	cps
Bismuth	209-1	6189773	6227193	6170963	6195976	0.46	cps
Bismuth	209-2	3175966	3190789	3260314	3209023	1.40	cps
Boron	10-1	167	250	150	189	28.36	cps
Boron	11-1	942	1008	1125	1025	9.05	cps
Cadmium	111-1	1878	1803	1721	1800	4.37	cps
Cadmium	106-1	2667	2584	2459	2570	4.08	cps
Cadmium	108-1	8	8	13	10	24.77	cps
Calcium	43-1	550	475	583	536	10.35	cps
Calcium	44-1	64282	65286	64332	64633	0.88	cps
Chromium	52-2	2617	2600	2590	2602	0.52	cps
Cobalt	59-2	113	123	137	124	9.41	cps
Copper	63-2	1757	1690	1620	1689	4.05	cps
Dysprosium	156-1	25	33	0	19	89.22	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	42	50	33	42	20.00	cps
Erbium	164-2	13	30	10	18	60.28	cps
Gadolinium	160-1	67	108	92	89	23.59	cps
Gadolinium	160-2	100	57	70	76	29.37	cps
Holmium	165-1	9605935	9520730	9528186	9551617	0.49	cps
Holmium	165-2	4259395	4285438	4382375	4309070	1.50	cps
Indium	115-1	7604945	7693522	7720881	7673116	0.79	cps
Indium	115-2	1345943	1339805	1353477	1346408	0.51	cps
Iron	56-2	9548	9509	9692	9583	1.01	cps
Iron	57-2	478	311	461	417	22.03	cps
Lead	206-1	1739	1533	1445	1572	9.61	cps
Lead	207-1	1317	1233	1300	1283	3.44	cps
Lead	208-1	6095	5845	6095	6012	2.40	cps
Lithium	6-1	644587	639224	640161	641324	0.45	cps
Magnesium	24-2	350	425	342	372	12.33	cps
Manganese	55-2	790	767	670	742	8.57	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-08DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N7	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:36:44	DataFile Name :	054SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	200	275	283	253	18.16	cps
Molybdenum	95-1	33	58	33	42	34.65	cps
Molybdenum	96-1	175	83	150	136	34.81	cps
Molybdenum	97-1	58	92	133	94	39.79	cps
Molybdenum	98-1	100	92	58	83	26.46	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	940	920	927	929	1.10	cps
Phosphorus	31-2	133	175	175	161	14.93	cps
Potassium	39-2	47945	47828	48907	48227	1.23	cps
Rhodium	103-1	7350558	7271676	7401424	7341219	0.89	cps
Rhodium	103-2	3236277	3253983	3277172	3255811	0.63	cps
Scandium	45-1	4523449	4493595	4560528	4525857	0.74	cps
Scandium	45-2	213655	212919	218774	215116	1.48	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	89	89	69	82	14.32	cps
Selenium	82-1	95	139	31	89	61.08	cps
Silicon	28-1	369692	369484	367620	368932	0.31	cps
Silver	109-1	125	167	208	167	25.00	cps
Silver	107-1	242	217	200	219	9.56	cps
Sodium	23-2	27610	27868	27534	27671	0.63	cps
Strontium	86-1	842	850	842	845	0.57	cps
Strontium	88-1	367	542	583	497	23.12	cps
Sulfur	34-1	664228	667738	665206	665724	0.27	cps
Terbium	159-1	10064891	9829348	9940830	9945023	1.18	cps
Terbium	159-2	4275327	4259345	4288210	4274294	0.34	cps
Thallium	203-1	75	92	108	92	18.18	cps
Thallium	205-1	225	250	275	250	10.00	cps
Tin	118-1	600	750	592	647	13.77	cps
Titanium	47-1	158	108	192	153	27.45	cps
Uranium	238-1	8	17	50	25	88.19	cps
Vanadium	51-2	40	20	20	27	43.30	cps
Yttrium	89-1	7781181	7834591	7818108	7811293	0.35	cps
Yttrium	89-2	1063116	1079169	1079918	1074068	0.88	cps
Zinc	66-2	433	420	500	451	9.50	cps
Zirconium	90-1	608	675	717	667	8.20	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	I5743-08DLX20	Instrumnet Name :	P7
Client Sample ID :	MJJ4N7	Dilution Factor :	20
Date & Time Acquired ::	2017-10-17 13:36:44	DataFile Name :	054SMPL_P7101717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	92	167	139	29.60	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 13:40:12	DataFile Name :	055CCV_P7101717-MS_

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3404458	3407622	3421517	3411199	0.27	cps
Antimony	121-1	3747680	3802656	3816956	3789097	0.97	cps
Arsenic	75-2	151727	153601	153993	153107	0.79	cps
Barium	135-1	3894253	3880363	3949768	3908128	0.94	cps
Barium	137-1	6953442	6874953	7081973	6970123	1.50	cps
Beryllium	9-1	545060	540841	543034	542978	0.39	cps
Bismuth	209-1	5699392	5322183	5695653	5572409	3.89	cps
Bismuth	209-2	3068835	3071450	3048320	3062868	0.41	cps
Boron	10-1	75605	76854	76007	76156	0.84	cps
Boron	11-1	383431	391385	398073	390963	1.87	cps
Cadmium	111-1	875123	875956	875065	875381	0.06	cps
Cadmium	106-1	98482	100682	101907	100357	1.73	cps
Cadmium	108-1	64936	64199	65320	64819	0.88	cps
Calcium	43-1	4785488	4732734	4878915	4799046	1.54	cps
Calcium	44-1	75757000	75787875	76208316	75917730	0.33	cps
Chromium	52-2	1119973	1117940	1118911	1118941	0.09	cps
Cobalt	59-2	1753745	1764766	1762432	1760314	0.33	cps
Copper	63-2	2494680	2484867	2506677	2495408	0.44	cps
Dysprosium	156-1	125	175	67	122	44.36	cps
Dysprosium	156-2	40	33	30	34	14.78	cps
Erbium	164-1	58	33	75	56	37.74	cps
Erbium	164-2	20	33	23	26	27.15	cps
Gadolinium	160-1	200	125	133	153	26.91	cps
Gadolinium	160-2	107	103	80	97	15.03	cps
Holmium	165-1	9445871	9342675	9380557	9389701	0.56	cps
Holmium	165-2	4379326	4360333	4366812	4368824	0.22	cps
Indium	115-1	7345398	7264312	7392180	7333963	0.88	cps
Indium	115-2	1343341	1363069	1342088	1349499	0.87	cps
Iron	56-2	214873010	214676583	216386494	215312029	0.43	cps
Iron	57-2	5552477	5670355	5474066	5565633	1.78	cps
Lead	206-1	2459761	2430848	2417433	2436014	0.89	cps
Lead	207-1	2168755	2168694	2175156	2170868	0.17	cps
Lead	208-1	9769308	9690813	9986834	9815652	1.56	cps
Lithium	6-1	663544	645558	655019	654707	1.37	cps
Magnesium	24-2	40900983	41225434	40726361	40950926	0.62	cps
Manganese	55-2	1222798	1221398	1213646	1219280	0.40	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3175762	3181613	3139649	3165675	0.72	cps
Molybdenum	95-1	1716114	1705023	1711628	1710921	0.33	cps
Molybdenum	96-1	2216538	2177340	2196543	2196807	0.89	cps
Molybdenum	97-1	1071735	1070443	1057403	1066527	0.74	cps
Molybdenum	98-1	2738101	2734632	2779074	2750602	0.90	cps
Neodymium	150-1	260	273	220	251	11.05	cps
Neodymium	150-2	20	37	53	37	45.45	cps
Nickel	60-2	471167	473733	472149	472350	0.27	cps
Phosphorus	31-2	46958	47786	46365	47036	1.52	cps
Potassium	39-2	19796966	19976395	19560653	19778004	1.05	cps
Rhodium	103-1	6784732	6788869	6770478	6781359	0.14	cps
Rhodium	103-2	3106408	3132306	3112583	3117099	0.43	cps
Scandium	45-1	4570148	4546575	4563182	4559968	0.27	cps
Scandium	45-2	228109	230948	228337	229131	0.69	cps
Selenium	77-2	2960	2817	2820	2866	2.86	cps
Selenium	78-2	9455	10042	9772	9756	3.01	cps
Selenium	82-1	59026	59080	59222	59109	0.17	cps
Silicon	28-1	2686462	2692587	2766295	2715115	1.64	cps
Silver	109-1	3932630	3898664	3903778	3911691	0.47	cps
Silver	107-1	4078126	4106833	4117739	4100900	0.50	cps
Sodium	23-2	75881633	75996141	76202168	76026648	0.21	cps
Strontium	86-1	1071400	1065369	1063827	1066865	0.38	cps
Strontium	88-1	9491303	9434296	9474919	9466839	0.31	cps
Sulfur	34-1	1006345	1006964	1015986	1009765	0.53	cps
Terbium	159-1	9756952	9577788	9551066	9628602	1.16	cps
Terbium	159-2	4346126	4359402	4370368	4358632	0.28	cps
Thallium	203-1	2973139	2979978	2940471	2964529	0.71	cps
Thallium	205-1	7394197	7210295	7266097	7290196	1.29	cps
Tin	118-1	2690250	2674971	2725002	2696741	0.95	cps
Titanium	47-1	482587	475435	480533	479519	0.77	cps
Uranium	238-1	10544425	10256103	10376825	10392451	1.39	cps
Vanadium	51-2	924317	925607	921794	923906	0.21	cps
Yttrium	89-1	7786633	7774515	7646778	7735975	1.00	cps
Yttrium	89-2	1119635	1135485	1121935	1125685	0.76	cps
Zinc	66-2	372611	372266	375718	373532	0.51	cps
Zirconium	90-1	6174532	6144427	6141432	6153464	0.30	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired ::	2017-10-17 13:40:12	DataFile Name :	055CCV_P7101717-MS_

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1346340	1346401	1333499	1342080	0.55	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	117	125	128	9.96	cps
Antimony	121-1	10946	10354	9637	10313	6.36	cps
Arsenic	75-2	35	37	31	35	8.19	cps
Barium	135-1	58	67	92	72	24.02	cps
Barium	137-1	158	92	92	114	33.80	cps
Beryllium	9-1	156	133	106	131	19.05	cps
Bismuth	209-1	6164862	6104882	6165551	6145099	0.57	cps
Bismuth	209-2	3197994	3185555	3238392	3207314	0.86	cps
Boron	10-1	1317	1300	1358	1325	2.27	cps
Boron	11-1	6427	6352	5326	6035	10.19	cps
Cadmium	111-1	1977	1826	1873	1892	4.08	cps
Cadmium	106-1	2809	2584	2659	2684	4.27	cps
Cadmium	108-1	8	17	13	13	33.36	cps
Calcium	43-1	567	442	742	583	25.83	cps
Calcium	44-1	73860	74261	70695	72938	2.68	cps
Chromium	52-2	950	990	1017	986	3.40	cps
Cobalt	59-2	93	100	57	83	28.00	cps
Copper	63-2	1747	1730	1687	1721	1.80	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	8	58	25	31	83.33	cps
Erbium	164-2	13	3	7	8	65.47	cps
Gadolinium	160-1	83	75	42	67	33.07	cps
Gadolinium	160-2	53	67	63	61	11.36	cps
Holmium	165-1	9313003	9402058	9476786	9397282	0.87	cps
Holmium	165-2	4303123	4316040	4305755	4308306	0.16	cps
Indium	115-1	7675654	7664589	7682030	7674091	0.11	cps
Indium	115-2	1386157	1397472	1379297	1387642	0.66	cps
Iron	56-2	8575	9809	10487	9624	10.07	cps
Iron	57-2	406	478	533	472	13.57	cps
Lead	206-1	922	878	911	904	2.56	cps
Lead	207-1	811	839	717	789	8.12	cps
Lead	208-1	3789	3617	3517	3641	3.78	cps
Lithium	6-1	670791	658254	660798	663281	1.00	cps
Magnesium	24-2	692	867	950	836	15.77	cps
Manganese	55-2	103	97	107	102	4.98	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1350	1283	1192	1275	6.24	cps
Molybdenum	95-1	1100	983	792	958	16.25	cps
Molybdenum	96-1	1300	1250	1258	1270	2.11	cps
Molybdenum	97-1	675	650	592	639	6.69	cps
Molybdenum	98-1	1592	1725	1567	1628	5.23	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	83	167	117	122	34.31	cps
Phosphorus	31-2	175	108	208	164	31.07	cps
Potassium	39-2	51624	54091	52753	52823	2.34	cps
Rhodium	103-1	7338009	7383702	7303425	7341712	0.55	cps
Rhodium	103-2	3269877	3323473	3296033	3296461	0.81	cps
Scandium	45-1	4617605	4639071	4608138	4621605	0.34	cps
Scandium	45-2	223473	226391	223323	224395	0.77	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	57	81	89	76	21.68	cps
Selenium	82-1	139	105	-6	79	95.23	cps
Silicon	28-1	400328	397750	395067	397715	0.66	cps
Silver	109-1	217	158	333	236	37.74	cps
Silver	107-1	333	225	233	264	22.84	cps
Sodium	23-2	44392	44391	43799	44194	0.77	cps
Strontium	86-1	842	800	908	850	6.43	cps
Strontium	88-1	383	417	358	386	7.58	cps
Sulfur	34-1	654221	657064	650933	654073	0.47	cps
Terbium	159-1	9741224	9789469	9769008	9766567	0.25	cps
Terbium	159-2	4319155	4319655	4343060	4327290	0.32	cps
Thallium	203-1	767	850	675	764	11.46	cps
Thallium	205-1	1692	1650	1559	1634	4.18	cps
Tin	118-1	2242	1950	1825	2006	10.66	cps
Titanium	47-1	250	150	108	169	42.97	cps
Uranium	238-1	192	175	208	192	8.69	cps
Vanadium	51-2	33	40	40	38	10.19	cps
Yttrium	89-1	7890821	7922686	7826651	7880053	0.62	cps
Yttrium	89-2	1096258	1127698	1118112	1114023	1.45	cps
Zinc	66-2	333	237	293	288	16.88	cps
Zirconium	90-1	2134	1875	2034	2014	6.47	cps

LB Number :	LB90939	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	458	392	458	436	8.83	cps